Accessibility Statement

The Mine Safety and Health Administration (MSHA) at the U.S. Department of Labor (DOL) is committed to providing access to all individuals who are seeking information from the Agency and to complying with Section 508 of the Rehabilitation Act of 1973 as amended.

Section 508 requires that all individuals with disabilities (whether they are federal government employees or members of the general public) have access to, and use of information and data, comparable to that provided to individuals without disabilities, unless an undue burden would be imposed on MSHA.

Any individual with a disability who has difficulty accessing documents and materials related to Lowering Miners' Exposure to Respirable Crystalline Silica and Improving Respiratory Protection proposed rule should email MSHA, Office of Standards, Regulations, and Variances (OSRV) at silicaquestions@dol.gov.

The email should include

1. nature of the accessibility problem encountered,
2. URL (web address) of the page or pages in question,
3. specific information sought, and
4. contact email address or phone number for a response.

OSRV staff will respond promptly and work to provide the information being sought.

MINE_ID	CONTROLLER_ID	CONTROLLER_NAME
1102408	C15833	Peabody Energy Corporation
1102752	C13408	Robert E Murray
1517651	0041211	Alpha Natural Resources, Inc.
1519097	0041211	Alpha Natural Resources, Inc.
1519418	0041211	Alpha Natural Resources, Inc.
3301070	C13408	Robert E Murray
4405270	0041211	Alpha Natural Resources, Inc.
4405311	0041211	Alpha Natural Resources, Inc.
4405559	0041211	Alpha Natural Resources, Inc.
4406839	C01767	Sunoco, Inc.
4406864	0041211	Alpha Natural Resources, Inc.
4406929	0041211	Alpha Natural Resources, Inc.
4407087	0041211	Alpha Natural Resources, Inc.
4407129	0041211	Alpha Natural Resources, Inc.
4407223	0127321	Alpha Metallurgical Resources Inc
4407231	0041211	Alpha Natural Resources, Inc.
4601318	C13408	Robert E Murray
4601318	C13408	Robert E Murray
4601437	C00692	CONSOL Energy Inc
4605295	0071611	Patriot Coal Corporation
4607908	C15833	Peabody Energy Corporation
4607908	C15833	Peabody Energy Corporation
4608305	C13737	Long Branch Energy Corporation
4608315	0041211	Alpha Natural Resources, Inc.
4608377	C05954	Amvest Corporation
4608551	0041211	Alpha Natural Resources, Inc.
4608801	0041211	Alpha Natural Resources, Inc.
4608808	0041211	Alpha Natural Resources, Inc.
4608939	0071611	Patriot Coal Corporation
4609092	0127321	Alpha Metallurgical Resources Inc
4609373	C15561	Arch Resources Inc
4609575	0127321	Alpha Metallurgical Resources Inc
503505	C15485	Deseret Generation & Transmission Co-operative
1100726	C02413	Exxon Mobil Corp
1517165	0041211	Alpha Natural Resources, Inc.
1518662	C00286	TECO Energy Inc
1519015	0120801	Cambrian Coal Corp
4406929	0041211	Alpha Natural Resources, Inc.
4407129	0041211	Alpha Natural Resources, Inc.
4407163	0041211	Alpha Natural Resources, Inc.
4407223	0041211	Alpha Natural Resources, Inc.
4407231	0041211	Alpha Natural Resources, Inc.
4601271	C15833	Peabody Energy Corporation
4601437	C00692	CONSOL Energy Inc
4601437	C00692	CONSOL Energy Inc
4601437	C13408	Robert E Murray

4601437 0157801	ACNR Holdings, Inc
4603408 C02508	Massey Energy Company
4605121 0041211	Alpha Natural Resources, Inc.
4605437 0071611	Patriot Coal Corporation
4606045 0041211	Alpha Natural Resources, Inc.
4608305 C13737	Long Branch Energy Corporation
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4608315 0041211	Alpha Natural Resources, Inc.
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4609029 C15561	Arch Resources Inc
4609048 C02508	Massey Energy Company
4609054 0041211	Alpha Natural Resources, Inc.
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4609221 0127923	Alpha Natural Resources Holdings, Inc
1518340 0041211	Alpha Natural Resources, Inc.
1519116 0041211	Alpha Natural Resources, Inc.
3605466 0041211	Alpha Natural Resources, Inc.
3608746 C15843	Severstal Resources
4403088 0041211	Alpha Natural Resources, Inc.
4407081 C04393	Ervin Stiltner
4407087 0041211	Alpha Natural Resources, Inc.
4407123 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
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4407318 0085453	Metinvest B V
4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601456 C15833	Peabody Energy Corporation
4603085 0071611	Patriot Coal Corporation
4603141 0041211	Alpha Natural Resources, Inc.
4605121 0041211	Alpha Natural Resources, Inc.
4605437 0158381	Sev.en Global Investments a.s.
4607178 C00012	Ashland Inc
4608553 0041211	Alpha Natural Resources, Inc.
4608625 0041211	Alpha Natural Resources, Inc.
4608787 0041211	Alpha Natural Resources, Inc.
4608801 0041211	Alpha Natural Resources, Inc.
4608808 0127923	Alpha Natural Resources Holdings, Inc
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4608890 C15833	Peabody Energy Corporation
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1518381 0041211	Alpha Natural Resources, Inc.

1519097 0041211	Alpha Natural Resources, Inc.
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4407052 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
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4407223 0127321	Alpha Metallurgical Resources Inc
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4608305 C13737	Long Branch Energy Corporation
4608384 0041211	Alpha Natural Resources, Inc.
4608589 0042013	Rainbow Trout Coal LLC
4608625 0041211	Alpha Natural Resources, Inc.
4608625 0127923	Alpha Natural Resources Holdings, Inc
4608637 C13737	Long Branch Energy Corporation
4608801 0041211	Alpha Natural Resources, Inc.
4608808 0127923	Alpha Natural Resources Holdings, Inc
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4608889 C00692	CONSOL Energy Inc
4609152 0071611	Patriot Coal Corporation
4609217 0109921	Coronado Coal LLC
1503752 0041211	Alpha Natural Resources, Inc.
1518775 C13562	James River Coal Company
1800621 C15455	Alliance Resource Partners LP
4406929 0041211	Alpha Natural Resources, Inc.
4407163 0127321	Alpha Metallurgical Resources Inc
4407223 0041211	Alpha Natural Resources, Inc.
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4604955 C13737	Long Branch Energy Corporation
4605086 0127923	Alpha Natural Resources Holdings, Inc
4608655 0041211	Alpha Natural Resources, Inc.
4608787 0041211	Alpha Natural Resources, Inc.
4608801 0041211	Alpha Natural Resources, Inc.
4608802 0127321	Alpha Metallurgical Resources Inc
4608808 0127923	Alpha Natural Resources Holdings, Inc
4608932 0127923	Alpha Natural Resources Holdings, Inc
4609092 0127923	Alpha Natural Resources Holdings, Inc
504674 C10334	Oxbow Carbon LLC
1103054 C15833	Peabody Energy Corporation
1519189 0041211	Alpha Natural Resources, Inc.
4405311 0127321	Alpha Metallurgical Resources Inc
4406499 0104093	SunCoke Energy Incorporated
4406929 0041211	Alpha Natural Resources, Inc.
4406932 C15465	Charles D Mullins
4407123 0041211	Alpha Natural Resources, Inc.

4407129 0041211	Alpha Natural Resources, Inc.
4407186 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
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4601437 C13408	Robert E Murray
4601537 C13737	Long Branch Energy Corporation
4606558 0041211	Alpha Natural Resources, Inc.
4607945 0045307	International Coal Group Inc (ICG)
4608297 C02508	Massey Energy Company
4608802 0127923	Alpha Natural Resources Holdings, Inc
4609086 0071611	Patriot Coal Corporation
4609086 0071611	Patriot Coal Corporation
4609107 0071611	Patriot Coal Corporation
4609163 0041211	Alpha Natural Resources, Inc.
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1519198 C00286	TECO Energy Inc
4405311 0127321	Alpha Metallurgical Resources Inc
4406444 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.
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4407231 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4604168 0045307	International Coal Group Inc (ICG)
4604343 0041211	Alpha Natural Resources, Inc.
4608759 0071611	Patriot Coal Corporation
4608787 0127321	Alpha Metallurgical Resources Inc
4608939 0071611	Patriot Coal Corporation
4609048 0041211	Alpha Natural Resources, Inc.
4609054 0127923	Alpha Natural Resources Holdings, Inc
4609066 0041211	Alpha Natural Resources, Inc.
4609258 0071611	Patriot Coal Corporation
101247 C00992	Walter Energy Incorporated
1518662 C00286	TECO Energy Inc
4405559 0041211	Alpha Natural Resources, Inc.
4406759 0104093	SunCoke Energy Incorporated
4407318 0085453	Metinvest B V
4601437 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4605121 0127923	Alpha Natural Resources Holdings, Inc
4605295 C15833	Peabody Energy Corporation
4608625 0044281	Foundation Coal Corporation
4608625 0041211	Alpha Natural Resources, Inc.
4608890 C15833	Peabody Energy Corporation

4608939 C00012	Ashland Inc
4608939 0071611	Patriot Coal Corporation
4609048 0041211	Alpha Natural Resources, Inc.
4609070 0075093	Xinergy Ltd
4609215 0098893	Joe Valis; Rufus W West
4609258 0158381	Sev.en Global Investments a.s.
4609301 0041211	Alpha Natural Resources, Inc.
4609550 0127321	Alpha Metallurgical Resources Inc
101247 C00992	Walter Energy Incorporated
4200089 0110263	Wolverine Fuels LLC
4406499 0104093	SunCoke Energy Incorporated
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4407129 0041211	Alpha Natural Resources, Inc.
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4407223 0127321	Alpha Metallurgical Resources Inc
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4601437 C13408	Robert E Murray
4602295 C05954	Amvest Corporation
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4608194 0085453	Metinvest B V
4608802 0127321	Alpha Metallurgical Resources Inc
4608808 0041211	Alpha Natural Resources, Inc.
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4609073 C13737	Long Branch Energy Corporation
4609217 0109921	Coronado Coal LLC
4609221 0127321	Alpha Metallurgical Resources Inc
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4604955 C13737	Long Branch Energy Corporation
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4608429 C10294	Chris Cline
4608625 0041211	Alpha Natural Resources, Inc.
4608932 0127321	Alpha Metallurgical Resources Inc
4609029 C15561	Arch Resources Inc
4609048 0041211	Alpha Natural Resources, Inc.

4609163 0041211	Alpha Natural Resources, Inc.
4609448 0133023	White Forest Resources, Inc
1518366 C02508	Massey Energy Company
1519116 0041211	Alpha Natural Resources, Inc.
1519358 0066691	Armstrong Energy Inc
4402277 0041211	Alpha Natural Resources, Inc.
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4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601544 0041211	Alpha Natural Resources, Inc.
4601968 C00692	CONSOL Energy Inc
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4607009 0041211	Alpha Natural Resources, Inc.
4608384 0041211	Alpha Natural Resources, Inc.
4608465 C00012	Ashland Inc
4608589 C10294	Chris Cline
4608636 C13442	International Industries Inc
4608801 0127321	Alpha Metallurgical Resources Inc
4608838 0127923	Alpha Natural Resources Holdings, Inc
4609018 C13562	James River Coal Company
4609086 0071611	Patriot Coal Corporation
4609301 0041211	Alpha Natural Resources, Inc.
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4601436 C13408	Robert E Murray
4601437 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4601816 M00106	Cleveland-Cliffs Inc
4604955 C13737	Long Branch Energy Corporation
4605295 0071611	Patriot Coal Corporation

4605437 C16025	Richard M Hendrick
4605872 0127321	Alpha Metallurgical Resources Inc
4606263 0127923	Alpha Natural Resources Holdings, Inc
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4407163 0127321	Alpha Metallurgical Resources Inc
4601271 C15833	Peabody Energy Corporation
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1519384 C13562	James River Coal Company
4404856 C00692	CONSOL Energy Inc
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4608551 0041211	Alpha Natural Resources, Inc.
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4608993 0071611	Patriot Coal Corporation
4609018 C13562	James River Coal Company
4609028 C15455	Alliance Resource Partners LP
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4601271 0071611	Patriot Coal Corporation
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4601968 C13408	Robert E Murray
4605086 0041211	Alpha Natural Resources, Inc.
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4605437 C16025	Richard M Hendrick
4608589 0042013	Rainbow Trout Coal LLC
4608625 0041211	Alpha Natural Resources, Inc.
4608625 0127923	Alpha Natural Resources Holdings, Inc
4608801 0127321	Alpha Metallurgical Resources Inc
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4609348	0041211	Alpha Natural Resources, Inc.
101247	C00992	Walter Energy Incorporated
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1519015	0120801	Cambrian Coal Corp
1519097	0041211	Alpha Natural Resources, Inc.
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4609073	C13737	Long Branch Energy Corporation
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4609131	0085759	Mechel Oao
4609163	0041211	Alpha Natural Resources, Inc.
4609258	0071611	Patriot Coal Corporation
4609328	0041211	Alpha Natural Resources, Inc.
101401	C00992	Walter Energy Incorporated
3600958	C00692	CONSOL Energy Inc
3608375	C13408	Robert E Murray
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4601433	C13408	Robert E Murray
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4607908	C15833	Peabody Energy Corporation
4608377	C05954	Amvest Corporation
4608589	0056849	Magnum Coal Company
4608625	0041211	Alpha Natural Resources, Inc.
4608625	0127321	Alpha Metallurgical Resources Inc
4608634	C10294	Chris Cline
4608637	C13737	Long Branch Energy Corporation
4608730	0041211	Alpha Natural Resources, Inc.

4608759 0071611	Patriot Coal Corporation
4608787 0127321	Alpha Metallurgical Resources Inc
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4608315 0041211	Alpha Natural Resources, Inc.
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4608625 0041211	Alpha Natural Resources, Inc.
4608637 C13737	Long Branch Energy Corporation
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4608676 C05954	Amvest Corporation
4608939 0121101	Virginia Conservation Legacy Fund (VCLF)
4609028 C15455	Alliance Resource Partners LP
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4609348 0041211	Alpha Natural Resources, Inc.
4609420 C00692	CONSOL Energy Inc
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4003441 0145041	Industrial Minerals Group LLC
4404856 0109921	Coronado Coal LLC
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4407052 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601437 C00692	CONSOL Energy Inc
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4601544 0127923	Alpha Natural Resources Holdings, Inc
4601968 C00692	CONSOL Energy Inc
4604955 C13737	Long Branch Energy Corporation

4605121	0041211	Alpha Natural Resources, Inc.
4607945	C06656	Horizon Natural Resources Incorporated
4608218	0041211	Alpha Natural Resources, Inc.
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4608808	0127321	Alpha Metallurgical Resources Inc
4608837	0041211	Alpha Natural Resources, Inc.
4609136	0139901	Coal Field Transports, Inc.
4609289	C00992	Walter Energy Incorporated
504591	0110263	Wolverine Fuels LLC
1519015	0120801	Cambrian Coal Corp
1519015	C00286	TECO Energy Inc
1519116	0041211	Alpha Natural Resources, Inc.
1519189	0041211	Alpha Natural Resources, Inc.
1519318	C13562	James River Coal Company
1519532	0150901	American Resources Corporation
3607416	C00692	CONSOL Energy Inc
4400649	C01767	Sunoco, Inc.
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4406864	0041211	Alpha Natural Resources, Inc.
4407223	0041211	Alpha Natural Resources, Inc.
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4601433	0157801	ACNR Holdings, Inc
4601437	C00692	CONSOL Energy Inc
4604955	C15833	Peabody Energy Corporation
4605252	C15561	Arch Resources Inc
4607908	0071611	Patriot Coal Corporation
4608305	C13737	Long Branch Energy Corporation
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4608802	0041211	Alpha Natural Resources, Inc.
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4608939	0056849	Magnum Coal Company
4608993	0071611	Patriot Coal Corporation
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4609091	0127923	Alpha Natural Resources Holdings, Inc
4609550	0127321	Alpha Metallurgical Resources Inc
503672	C15561	Arch Resources Inc
1103189	0129681	Foresight Energy Labor LLC
1518732	0041211	Alpha Natural Resources, Inc.
1519475	C04355	James C Justice II
4406864	0041211	Alpha Natural Resources, Inc.
4407052	0041211	Alpha Natural Resources, Inc.
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4601433	C13408	Robert E Murray
4601437	C13408	Robert E Murray
4605437	C15187	Timothy G Elliott
4605437	0109461	Blackhawk Mining LLC
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1518197	C07082	Cumberland Resources Corporation
1518340	0041211	Alpha Natural Resources, Inc.
1518565	C00286	TECO Energy Inc
1519015	C00286	TECO Energy Inc
1519097	0041211	Alpha Natural Resources, Inc.
4405270	0041211	Alpha Natural Resources, Inc.
4407052	0041211	Alpha Natural Resources, Inc.
4407087	0041211	Alpha Natural Resources, Inc.
4407223	0127321	Alpha Metallurgical Resources Inc
4407308	0127321	Alpha Metallurgical Resources Inc
4407318	0085453	Metinvest B V
4601318	C13408	Robert E Murray
4601433	C13408	Robert E Murray
4601436	C13408	Robert E Murray
4601537	0071611	Patriot Coal Corporation
4605121	0127923	Alpha Natural Resources Holdings, Inc
4607945	0045307	International Coal Group Inc (ICG)
4608366	C13442	International Industries Inc
4608625	0127923	Alpha Natural Resources Holdings, Inc
4608645	0041211	Alpha Natural Resources, Inc.
4608878	0085453	Metinvest B V
4609048	0041211	Alpha Natural Resources, Inc.
4609164	0056689	Energy Coal Resources Inc
4609217	0109921	Coronado Coal LLC
4609258	0071611	Patriot Coal Corporation
4609574	0127321	Alpha Metallurgical Resources Inc
4609574	0127321	Alpha Metallurgical Resources Inc
1503627	C01801	David A Duff
1518647	C00012	Ashland Inc
1519116	0041211	Alpha Natural Resources, Inc.
3608645	C15843	Severstal Resources
4405311	0041211	Alpha Natural Resources, Inc.
4406444	0041211	Alpha Natural Resources, Inc.

4406929 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407150 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407322 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4605121 0041211	Alpha Natural Resources, Inc.
4608374 0127923	Alpha Natural Resources Holdings, Inc
4608589 0042013	Rainbow Trout Coal LLC
4608625 0127923	Alpha Natural Resources Holdings, Inc
4608650 C13737	Long Branch Energy Corporation
4608730 0041211	Alpha Natural Resources, Inc.
4608808 C02508	Massey Energy Company
4608890 0071611	Patriot Coal Corporation
4609092 0041211	Alpha Natural Resources, Inc.
4609204 0041211	Alpha Natural Resources, Inc.
4609258 0071611	Patriot Coal Corporation
4609361 0127321	Alpha Metallurgical Resources Inc
1517896 C04802	Michael K Cook; Randy A Cook
1519336 C13562	James River Coal Company
3608746 0077457	Quintana Capital Group GP Ltd
4404856 0109921	Coronado Coal LLC
4405270 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407231 0041211	Alpha Natural Resources, Inc.
4601433 C13408	Robert E Murray
4601437 C00692	CONSOL Energy Inc
4601456 C15833	Peabody Energy Corporation
4601544 0127923	Alpha Natural Resources Holdings, Inc
4606618 0109461	Blackhawk Mining LLC
4608377 C05954	Amvest Corporation
4608551 0041211	Alpha Natural Resources, Inc.
4608551 0041211	Alpha Natural Resources, Inc.
4608801 0127321	Alpha Metallurgical Resources Inc
4609048 0041211	Alpha Natural Resources, Inc.
4609237 0041211	Alpha Natural Resources, Inc.
1507082 0041211	Alpha Natural Resources, Inc.
1518198 0041211	Alpha Natural Resources, Inc.
1518662 C00286	TECO Energy Inc
1519189 0041211	Alpha Natural Resources, Inc.
1519715 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.

4407223 0041211	Alpha Natural Resources, Inc.
4601271 C15833	Peabody Energy Corporation
4601271 0071611	Patriot Coal Corporation
4601437 C13408	Robert E Murray
4605121 0041211	Alpha Natural Resources, Inc.
4607178 0056849	Magnum Coal Company
4608551 0041211	Alpha Natural Resources, Inc.
4608787 0041211	Alpha Natural Resources, Inc.
4608808 0041211	Alpha Natural Resources, Inc.
4608829 0041211	Alpha Natural Resources, Inc.
4608932 0041211	Alpha Natural Resources, Inc.
4609048 0127321	Alpha Metallurgical Resources Inc
4609091 0041211	Alpha Natural Resources, Inc.
4609328 C02508	Massey Energy Company
4609475 0127321	Alpha Metallurgical Resources Inc
1516858 0041211	Alpha Natural Resources, Inc.
1518381 0041211	Alpha Natural Resources, Inc.
1518662 0120801	Cambrian Coal Corp
4402277 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4601271 C15833	Peabody Energy Corporation
4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601544 0127923	Alpha Natural Resources Holdings, Inc
4607908 C15833	Peabody Energy Corporation
4607908 0071611	Patriot Coal Corporation
4608019 0044281	Foundation Coal Corporation
4608159 0041211	Alpha Natural Resources, Inc.
4608436 0041211	Alpha Natural Resources, Inc.
4608634 C10294	Chris Cline
4608759 0071611	Patriot Coal Corporation
4608787 0041211	Alpha Natural Resources, Inc.
4608801 0127321	Alpha Metallurgical Resources Inc
4608939 0071611	Patriot Coal Corporation
4609230 0071611	Patriot Coal Corporation
4609353 0041211	Alpha Natural Resources, Inc.
504674 C10334	Oxbow Carbon LLC
1517165 0041211	Alpha Natural Resources, Inc.
1518198 0041211	Alpha Natural Resources, Inc.
1518662 0120801	Cambrian Coal Corp
1519015 0120801	Cambrian Coal Corp
1519228 C15561	Arch Resources Inc
4407129 0041211	Alpha Natural Resources, Inc.
4407146 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407318 0085453	Metinvest B V

4601437 C13408	Robert E Murray
4601537 C13737	Long Branch Energy Corporation
4601544 0127321	Alpha Metallurgical Resources Inc
4603317 0127321	Alpha Metallurgical Resources Inc
4608019 C15532	Rag Aktiengesellschaft
4608429 0042013	Rainbow Trout Coal LLC
4608632 0041211	Alpha Natural Resources, Inc.
4608637 C13737	Long Branch Energy Corporation
4608650 C13737	Long Branch Energy Corporation
4608656 0085453	Metinvest B V
4608676 C05954	Amvest Corporation
4608751 0041211	Alpha Natural Resources, Inc.
4608801 0127321	Alpha Metallurgical Resources Inc
4608802 C02508	Massey Energy Company
4608878 0085453	Metinvest B V
4609171 C00692	CONSOL Energy Inc
503836 C15532	Rag Aktiengesellschaft
1511065 C13562	James River Coal Company
1518662 C00286	TECO Energy Inc
1519097 0041211	Alpha Natural Resources, Inc.
1519097 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407163 0041211	Alpha Natural Resources, Inc.
4407163 0127321	Alpha Metallurgical Resources Inc
4407223 0127321	Alpha Metallurgical Resources Inc
4407318 0085453	Metinvest B V
4602295 C05954	Amvest Corporation
4605086 0041211	Alpha Natural Resources, Inc.
4607178 C00012	Ashland Inc
4608305 C13737	Long Branch Energy Corporation
4608315 0127923	Alpha Natural Resources Holdings, Inc
4608625 0127923	Alpha Natural Resources Holdings, Inc
4608730 0041211	Alpha Natural Resources, Inc.
4608751 0041211	Alpha Natural Resources, Inc.
4608808 0041211	Alpha Natural Resources, Inc.
4609091 0041211	Alpha Natural Resources, Inc.
4609237 0041211	Alpha Natural Resources, Inc.
4609353 0041211	Alpha Natural Resources, Inc.
1103156 C15833	Peabody Energy Corporation
1202295 C15833	Peabody Energy Corporation
1518198 0041211	Alpha Natural Resources, Inc.
1518507 0041211	Alpha Natural Resources, Inc.
1518547 C16081	Chester M Thomas
1518662 C00286	TECO Energy Inc
1519038 C01106	Robert C Billips
4406759 C01767	Sunoco, Inc.
4406929 0041211	Alpha Natural Resources, Inc.

4407138 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4603143 0071611	Patriot Coal Corporation
4604955 C15833	Peabody Energy Corporation
4607165 0041211	Alpha Natural Resources, Inc.
4607178 0056849	Magnum Coal Company
4608315 0041211	Alpha Natural Resources, Inc.
4608315 0127923	Alpha Natural Resources Holdings, Inc
4608377 C05954	Amvest Corporation
4608625 0041211	Alpha Natural Resources, Inc.
4608625 0127321	Alpha Metallurgical Resources Inc
4608787 0041211	Alpha Natural Resources, Inc.
4608837 0041211	Alpha Natural Resources, Inc.
4608890 C15833	Peabody Energy Corporation
4608932 0041211	Alpha Natural Resources, Inc.
4609091 0041211	Alpha Natural Resources, Inc.
4609091 0041211	Alpha Natural Resources, Inc.
4609152 0071611	Patriot Coal Corporation
4609213 C13525	Kenneth R Calloway
4609217 M00106	Cleveland-Cliffs Inc
1502709 0071611	Patriot Coal Corporation
1517478 C13562	James River Coal Company
1518340 0041211	Alpha Natural Resources, Inc.
1518396 C13519	Barbara Evans
1519097 0041211	Alpha Natural Resources, Inc.
1519116 0041211	Alpha Natural Resources, Inc.
3607416 C00692	CONSOL Energy Inc
4406444 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4406929 0127321	Alpha Metallurgical Resources Inc
4407123 0041211	Alpha Natural Resources, Inc.
4407138 0041211	Alpha Natural Resources, Inc.
4407223 0127321	Alpha Metallurgical Resources Inc
4601271 C15833	Peabody Energy Corporation
4601318 C13408	Robert E Murray
4601436 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4604955 C13737	Long Branch Energy Corporation
4605437 0071611	Patriot Coal Corporation
4605437 0071611	Patriot Coal Corporation
4607178 C00012	Ashland Inc
4608297 C02508	Massey Energy Company
4608305 C13737	Long Branch Energy Corporation
4608625 0041211	Alpha Natural Resources, Inc.
4608625 0041211	Alpha Natural Resources, Inc.
4608676 C05954	Amvest Corporation
4609258 0109461	Blackhawk Mining LLC

1507082	0041211	Alpha Natural Resources, Inc.
1518505	C00692	CONSOL Energy Inc
1519189	0041211	Alpha Natural Resources, Inc.
1519358	0066691	Armstrong Energy Inc
3607838	C13790	United American Energy
3608645	C15843	Severstal Resources
4404856	0109921	Coronado Coal LLC
4406864	0041211	Alpha Natural Resources, Inc.
4407129	0041211	Alpha Natural Resources, Inc.
4407163	0127321	Alpha Metallurgical Resources Inc
4407223	0041211	Alpha Natural Resources, Inc.
4407223	0041211	Alpha Natural Resources, Inc.
4407223	0127321	Alpha Metallurgical Resources Inc
4407224	C15561	Arch Resources Inc
4407231	0041211	Alpha Natural Resources, Inc.
4601318	C13408	Robert E Murray
4601318	0157801	ACNR Holdings, Inc
4601436	C13408	Robert E Murray
4601456	C15833	Peabody Energy Corporation
4601456	0071611	Patriot Coal Corporation
4608429	0042013	Rainbow Trout Coal LLC
4608625	0127923	Alpha Natural Resources Holdings, Inc
4608787	0127321	Alpha Metallurgical Resources Inc
4608801	C02508	Massey Energy Company
4608801	0041211	Alpha Natural Resources, Inc.
4609091	0127923	Alpha Natural Resources Holdings, Inc
4609091	0127321	Alpha Metallurgical Resources Inc
4609172	0065149	John B Preece
4609221	0127923	Alpha Natural Resources Holdings, Inc
4609226	0109461	Blackhawk Mining LLC
504674	C10334	Oxbow Carbon LLC
1518241	0041211	Alpha Natural Resources, Inc.
1518381	0041211	Alpha Natural Resources, Inc.
1519015	0120801	Cambrian Coal Corp
1519116	0041211	Alpha Natural Resources, Inc.
4402277	0041211	Alpha Natural Resources, Inc.
4404856	0109921	Coronado Coal LLC
4407052	0041211	Alpha Natural Resources, Inc.
4407223	0041211	Alpha Natural Resources, Inc.
4407223	0041211	Alpha Natural Resources, Inc.
4407223	0127321	Alpha Metallurgical Resources Inc
4601544	0127923	Alpha Natural Resources Holdings, Inc
4606263	0041211	Alpha Natural Resources, Inc.
4607908	0071611	Patriot Coal Corporation
4608625	0041211	Alpha Natural Resources, Inc.
4608625	0127923	Alpha Natural Resources Holdings, Inc
4608637	0071611	Patriot Coal Corporation

4608759 0109461	Blackhawk Mining LLC
4608808 0127923	Alpha Natural Resources Holdings, Inc
4609091 0041211	Alpha Natural Resources, Inc.
4609092 0127923	Alpha Natural Resources Holdings, Inc
4609193 0041211	Alpha Natural Resources, Inc.
4609221 0127923	Alpha Natural Resources Holdings, Inc
4609353 0041211	Alpha Natural Resources, Inc.
1511065 C13562	James River Coal Company
1518565 C00286	TECO Energy Inc
1518565 0120801	Cambrian Coal Corp
1518662 0120801	Cambrian Coal Corp
1519116 0041211	Alpha Natural Resources, Inc.
3601734 C01534	Pagnotti Enterprises Inc
4404856 0109921	Coronado Coal LLC
4406839 C01767	Sunoco, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407146 0041211	Alpha Natural Resources, Inc.
4407163 0127321	Alpha Metallurgical Resources Inc
4601433 C13408	Robert E Murray
4605121 0041211	Alpha Natural Resources, Inc.
4605121 0041211	Alpha Natural Resources, Inc.
4608377 C05954	Amvest Corporation
4608625 0041211	Alpha Natural Resources, Inc.
4608676 C05954	Amvest Corporation
4608730 0041211	Alpha Natural Resources, Inc.
4608801 0127321	Alpha Metallurgical Resources Inc
4608808 0041211	Alpha Natural Resources, Inc.
4609048 0041211	Alpha Natural Resources, Inc.
4609086 0071611	Patriot Coal Corporation
1102408 C15833	Peabody Energy Corporation
1518647 C15561	Arch Resources Inc
4407052 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407133 C01665	William D Humphreys
4407277 C09013	Jerry Skeens; Eddie Skeens
4601271 0071611	Patriot Coal Corporation
4601437 C13408	Robert E Murray
4605121 0041211	Alpha Natural Resources, Inc.
4606263 0127923	Alpha Natural Resources Holdings, Inc
4607908 0071611	Patriot Coal Corporation
4608625 0041211	Alpha Natural Resources, Inc.
4608778 C13562	James River Coal Company
4608801 0127321	Alpha Metallurgical Resources Inc
4608890 0071611	Patriot Coal Corporation
4608932 0041211	Alpha Natural Resources, Inc.
4609086 0071611	Patriot Coal Corporation
4609091 0127923	Alpha Natural Resources Holdings, Inc

4609475	0041211	Alpha Natural Resources, Inc.
101401	0124421	Warrior Met Coal Intermediate Holdco LLC
1518198	0041211	Alpha Natural Resources, Inc.
4406199	C01665	William D Humphreys
4406444	0041211	Alpha Natural Resources, Inc.
4406444	0041211	Alpha Natural Resources, Inc.
4407052	0041211	Alpha Natural Resources, Inc.
4407223	0041211	Alpha Natural Resources, Inc.
4601318	C13408	Robert E Murray
4601433	0157801	ACNR Holdings, Inc
4601456	0071611	Patriot Coal Corporation
4605121	0041211	Alpha Natural Resources, Inc.
4605252	C15561	Arch Resources Inc
4605437	0158381	Sev.en Global Investments a.s.
4605992	0127321	Alpha Metallurgical Resources Inc
4606263	0127923	Alpha Natural Resources Holdings, Inc
4607009	0041211	Alpha Natural Resources, Inc.
4608030	0041211	Alpha Natural Resources, Inc.
4608030	0137221	Lexington Coal Holdings, Inc
4608315	0041211	Alpha Natural Resources, Inc.
4608625	0127923	Alpha Natural Resources Holdings, Inc
4608730	0041211	Alpha Natural Resources, Inc.
4609026	0041211	Alpha Natural Resources, Inc.
4609048	0127321	Alpha Metallurgical Resources Inc
4609091	0127321	Alpha Metallurgical Resources Inc
4609152	0071611	Patriot Coal Corporation
4609163	0041211	Alpha Natural Resources, Inc.
4609293	0041211	Alpha Natural Resources, Inc.
4609297	0071611	Patriot Coal Corporation
503672	C15561	Arch Resources Inc
1102236	0069839	Brian J Veldhuizen
1518565	0120801	Cambrian Coal Corp
1519189	0041211	Alpha Natural Resources, Inc.
3607416	C00692	CONSOL Energy Inc
4406929	0041211	Alpha Natural Resources, Inc.
4407052	0041211	Alpha Natural Resources, Inc.
4407223	0041211	Alpha Natural Resources, Inc.
4601271	0071611	Patriot Coal Corporation
4601318	C00692	CONSOL Energy Inc
4601436	C13408	Robert E Murray
4601437	C00692	CONSOL Energy Inc
4601968	C00692	CONSOL Energy Inc
4605437	0109461	Blackhawk Mining LLC
4606263	0127923	Alpha Natural Resources Holdings, Inc
4608315	0041211	Alpha Natural Resources, Inc.
4608509	C13737	Long Branch Energy Corporation
4608553	0041211	Alpha Natural Resources, Inc.

4608632 0041211	Alpha Natural Resources, Inc.
4608730 0127923	Alpha Natural Resources Holdings, Inc
4608808 0041211	Alpha Natural Resources, Inc.
4608878 0085453	Metinvest B V
4608939 C00012	Ashland Inc
4609018 C13562	James River Coal Company
4609091 0041211	Alpha Natural Resources, Inc.
4609091 0127321	Alpha Metallurgical Resources Inc
4609221 0041211	Alpha Natural Resources, Inc.
4609221 0041211	Alpha Natural Resources, Inc.
4609293 0041211	Alpha Natural Resources, Inc.
1518732 0041211	Alpha Natural Resources, Inc.
1519015 0120801	Cambrian Coal Corp
1519015 0120801	Cambrian Coal Corp
1519472 0041211	Alpha Natural Resources, Inc.
4404856 0109921	Coronado Coal LLC
4406444 0041211	Alpha Natural Resources, Inc.
4406499 0104093	SunCoke Energy Incorporated
4406759 C01767	Sunoco, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4601433 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601437 C00692	CONSOL Energy Inc
4601437 C00692	CONSOL Energy Inc
4601437 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4606188 0127321	Alpha Metallurgical Resources Inc
4606618 0071611	Patriot Coal Corporation
4608315 0127923	Alpha Natural Resources Holdings, Inc
4608429 0042013	Rainbow Trout Coal LLC
4608637 C13737	Long Branch Energy Corporation
4608730 0041211	Alpha Natural Resources, Inc.
4608802 0041211	Alpha Natural Resources, Inc.
4608808 0041211	Alpha Natural Resources, Inc.
4608878 0085453	Metinvest B V
4608932 0041211	Alpha Natural Resources, Inc.
4609258 0071611	Patriot Coal Corporation
4609361 0127923	Alpha Natural Resources Holdings, Inc
101247 C00992	Walter Energy Incorporated
1507475 0041211	Alpha Natural Resources, Inc.
1509724 0041211	Alpha Natural Resources, Inc.
3605018 0041211	Alpha Natural Resources, Inc.
4405311 0127321	Alpha Metallurgical Resources Inc
4406929 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.

4407223 0041211	Alpha Natural Resources, Inc.
4407231 0041211	Alpha Natural Resources, Inc.
4601271 C15833	Peabody Energy Corporation
4601436 C00692	CONSOL Energy Inc
4601437 C00692	CONSOL Energy Inc
4603143 C15833	Peabody Energy Corporation
4603317 0127923	Alpha Natural Resources Holdings, Inc
4605437 0109461	Blackhawk Mining LLC
4606448 0071611	Patriot Coal Corporation
4608622 C12472	Anker Group Inc
4608625 0041211	Alpha Natural Resources, Inc.
4608625 0041211	Alpha Natural Resources, Inc.
4608637 C13737	Long Branch Energy Corporation
4608730 0041211	Alpha Natural Resources, Inc.
4608801 0127923	Alpha Natural Resources Holdings, Inc
4608808 0041211	Alpha Natural Resources, Inc.
4608932 0127321	Alpha Metallurgical Resources Inc
4609091 0041211	Alpha Natural Resources, Inc.
4609092 0127923	Alpha Natural Resources Holdings, Inc
4609353 0041211	Alpha Natural Resources, Inc.
4609522 0127321	Alpha Metallurgical Resources Inc
1518565 C00286	TECO Energy Inc
1518662 0120801	Cambrian Coal Corp
1519015 C00286	TECO Energy Inc
1519418 0041211	Alpha Natural Resources, Inc.
2902170 C11406	BHP Billiton
4406864 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407052 0041211	Alpha Natural Resources, Inc.
4407163 0127321	Alpha Metallurgical Resources Inc
4407223 0127321	Alpha Metallurgical Resources Inc
4407318 0085453	Metinvest B V
4601271 C15833	Peabody Energy Corporation
4601318 C00692	CONSOL Energy Inc
4601433 0157801	ACNR Holdings, Inc
4601437 C13408	Robert E Murray
4601456 0071611	Patriot Coal Corporation
4601544 0127923	Alpha Natural Resources Holdings, Inc
4603755 C02508	Massey Energy Company
4604955 C15833	Peabody Energy Corporation
4607545 C00358	Donald Nicewonder
4608801 0041211	Alpha Natural Resources, Inc.
4608855 C13737	Long Branch Energy Corporation
4608878 0085453	Metinvest B V
4609348 0041211	Alpha Natural Resources, Inc.
504674 C10334	Oxbow Carbon LLC
1510753 0041211	Alpha Natural Resources, Inc.

1518565 C00286	TECO Energy Inc
1519097 0041211	Alpha Natural Resources, Inc.
4404856 C00692	CONSOL Energy Inc
4406864 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.
4407150 0041211	Alpha Natural Resources, Inc.
4407231 0041211	Alpha Natural Resources, Inc.
4407308 0127321	Alpha Metallurgical Resources Inc
4407308 0127321	Alpha Metallurgical Resources Inc
4601318 C13408	Robert E Murray
4601318 C13408	Robert E Murray
4601433 0157801	ACNR Holdings, Inc
4601437 C13408	Robert E Murray
4605121 0127923	Alpha Natural Resources Holdings, Inc
4606263 0127923	Alpha Natural Resources Holdings, Inc
4607009 0041211	Alpha Natural Resources, Inc.
4607545 0041211	Alpha Natural Resources, Inc.
4608019 0044281	Foundation Coal Corporation
4608194 0085453	Metinvest B V
4608315 0041211	Alpha Natural Resources, Inc.
4608315 0041211	Alpha Natural Resources, Inc.
4608759 0071611	Patriot Coal Corporation
4608801 0127923	Alpha Natural Resources Holdings, Inc
4608939 0071611	Patriot Coal Corporation
4609048 0127923	Alpha Natural Resources Holdings, Inc
4609091 0127321	Alpha Metallurgical Resources Inc
4801180 0118161	Lighthouse Resources Inc; Anadarko Petroleum Corporation
1517165 0041211	Alpha Natural Resources, Inc.
1519116 0041211	Alpha Natural Resources, Inc.
4405311 0127321	Alpha Metallurgical Resources Inc
4406864 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.
4407150 C15863	Jeffery A Hoops
4407318 0085453	Metinvest B V
4601437 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4601537 C13737	Long Branch Energy Corporation
4601544 0041211	Alpha Natural Resources, Inc.
4605121 0127923	Alpha Natural Resources Holdings, Inc
4607908 C15833	Peabody Energy Corporation
4608365 0041211	Alpha Natural Resources, Inc.
4608551 0041211	Alpha Natural Resources, Inc.
4608625 0041211	Alpha Natural Resources, Inc.
4608759 0109461	Blackhawk Mining LLC
4609293 0041211	Alpha Natural Resources, Inc.

4609348	0127923	Alpha Natural Resources Holdings, Inc
4609387	0041211	Alpha Natural Resources, Inc.
4609522	0127321	Alpha Metallurgical Resources Inc
503672	C15561	Arch Resources Inc
1508079	C15455	Alliance Resource Partners LP
1519180	0041211	Alpha Natural Resources, Inc.
1519193	0041211	Alpha Natural Resources, Inc.
3602073	C09456	Blaschak Holding Corp
4406444	0041211	Alpha Natural Resources, Inc.
4406864	0041211	Alpha Natural Resources, Inc.
4406929	0041211	Alpha Natural Resources, Inc.
4407052	0041211	Alpha Natural Resources, Inc.
4407223	0127321	Alpha Metallurgical Resources Inc
4407322	0041211	Alpha Natural Resources, Inc.
4603755	C02508	Massey Energy Company
4605437	0158381	Sev.en Global Investments a.s.
4606045	0041211	Alpha Natural Resources, Inc.
4606263	0041211	Alpha Natural Resources, Inc.
4606263	0127923	Alpha Natural Resources Holdings, Inc
4608305	C13737	Long Branch Energy Corporation
4608429	C10294	Chris Cline
4608637	C13737	Long Branch Energy Corporation
4608730	0041211	Alpha Natural Resources, Inc.
4608787	0041211	Alpha Natural Resources, Inc.
4608801	0041211	Alpha Natural Resources, Inc.
4608837	0127923	Alpha Natural Resources Holdings, Inc
4608932	0127321	Alpha Metallurgical Resources Inc
4609091	0041211	Alpha Natural Resources, Inc.
4609092	C02508	Massey Energy Company
4609258	0109461	Blackhawk Mining LLC
101401	0124421	Warrior Met Coal Intermediate Holdco LLC
102901	C00866	Drummond Company Inc
1517234	C15561	Arch Resources Inc
1518198	0041211	Alpha Natural Resources, Inc.
1518241	0041211	Alpha Natural Resources, Inc.
1518565	C00286	TECO Energy Inc
1518565	C00286	TECO Energy Inc
1519015	C00286	TECO Energy Inc
1519097	0041211	Alpha Natural Resources, Inc.
4402277	0041211	Alpha Natural Resources, Inc.
4406929	0041211	Alpha Natural Resources, Inc.
4407081	C04393	Ervin Stiltner
4407129	0041211	Alpha Natural Resources, Inc.
4407223	0127321	Alpha Metallurgical Resources Inc
4407231	0041211	Alpha Natural Resources, Inc.
4601318	C13408	Robert E Murray
4604670	C00012	Ashland Inc

4604955	C13737	Long Branch Energy Corporation
4606448	C15833	Peabody Energy Corporation
4607009	0041211	Alpha Natural Resources, Inc.
4608194	0085453	Metinvest B V
4608305	C13737	Long Branch Energy Corporation
4608365	0041211	Alpha Natural Resources, Inc.
4608808	0127923	Alpha Natural Resources Holdings, Inc
4608885	0041211	Alpha Natural Resources, Inc.
4609091	0127321	Alpha Metallurgical Resources Inc
4609152	0071611	Patriot Coal Corporation
4609163	0041211	Alpha Natural Resources, Inc.
4609575	0127321	Alpha Metallurgical Resources Inc
100759	C00992	Walter Energy Incorporated
1518705	C15561	Arch Resources Inc
1519533	C15561	Arch Resources Inc
4406864	0041211	Alpha Natural Resources, Inc.
4406929	0041211	Alpha Natural Resources, Inc.
4407108	C00286	TECO Energy Inc
4407129	0041211	Alpha Natural Resources, Inc.
4407129	0041211	Alpha Natural Resources, Inc.
4601318	C13408	Robert E Murray
4601437	C00692	CONSOL Energy Inc
4601437	C00692	CONSOL Energy Inc
4601437	C00692	CONSOL Energy Inc
4601456	C15833	Peabody Energy Corporation
4604955	C15833	Peabody Energy Corporation
4605086	C02508	Massey Energy Company
4607178	0071611	Patriot Coal Corporation
4607908	C15833	Peabody Energy Corporation
4608159	0127923	Alpha Natural Resources Holdings, Inc
4608305	C13737	Long Branch Energy Corporation
4608384	0041211	Alpha Natural Resources, Inc.
4608436	C02508	Massey Energy Company
4608625	0041211	Alpha Natural Resources, Inc.
4608802	0127923	Alpha Natural Resources Holdings, Inc
4609550	0127321	Alpha Metallurgical Resources Inc
101401	0124421	Warrior Met Coal Intermediate Holdco LLC
1517165	0041211	Alpha Natural Resources, Inc.
1518198	0145041	Industrial Minerals Group LLC
1518647	C15561	Arch Resources Inc
4202519	0081953	James J Wayland
4404856	C00692	CONSOL Energy Inc
4404856	C00692	CONSOL Energy Inc
4406864	0041211	Alpha Natural Resources, Inc.
4406929	0041211	Alpha Natural Resources, Inc.
4407052	0041211	Alpha Natural Resources, Inc.
4407129	0041211	Alpha Natural Resources, Inc.

4407150 C15863	Jeffery A Hoops
4407163 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4601436 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4604168 C15561	Arch Resources Inc
4606263 0127923	Alpha Natural Resources Holdings, Inc
4607945 C06656	Horizon Natural Resources Incorporated
4608305 C13737	Long Branch Energy Corporation
4608305 C13737	Long Branch Energy Corporation
4608553 0041211	Alpha Natural Resources, Inc.
4608637 0071611	Patriot Coal Corporation
4608787 0127321	Alpha Metallurgical Resources Inc
4608801 0127321	Alpha Metallurgical Resources Inc
4608808 0127923	Alpha Natural Resources Holdings, Inc
4608808 0127923	Alpha Natural Resources Holdings, Inc
4608837 0127923	Alpha Natural Resources Holdings, Inc
4608932 0041211	Alpha Natural Resources, Inc.
4609054 0041211	Alpha Natural Resources, Inc.
4609066 0041211	Alpha Natural Resources, Inc.
4609301 0041211	Alpha Natural Resources, Inc.
4609301 0041211	Alpha Natural Resources, Inc.
4609348 0041211	Alpha Natural Resources, Inc.
4609361 0127923	Alpha Natural Resources Holdings, Inc
4609522 0127321	Alpha Metallurgical Resources Inc
503836 C15532	Rag Aktiengesellschaft
1518662 C00286	TECO Energy Inc
4104085 0072953	Energy Future Holdings Corporation
4404856 0109921	Coronado Coal LLC
4404856 0109921	Coronado Coal LLC
4407190 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407223 0127321	Alpha Metallurgical Resources Inc
4407318 0085453	Metinvest B V
4602515 C02508	Massey Energy Company
4606448 0071611	Patriot Coal Corporation
4608159 0127923	Alpha Natural Resources Holdings, Inc
4608268 0069031	International Resources LLC
4608676 C00692	CONSOL Energy Inc
4609361 0127923	Alpha Natural Resources Holdings, Inc
4609522 0127321	Alpha Metallurgical Resources Inc
1513720 0041211	Alpha Natural Resources, Inc.
1518732 0041211	Alpha Natural Resources, Inc.
4405311 0127321	Alpha Metallurgical Resources Inc
4406929 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4601271 C15833	Peabody Energy Corporation

4601437 C13408	Robert E Murray
4601456 0071611	Patriot Coal Corporation
4605121 0041211	Alpha Natural Resources, Inc.
4605121 0127923	Alpha Natural Resources Holdings, Inc
4605437 0109461	Blackhawk Mining LLC
4607273 C02508	Massey Energy Company
4608305 C13737	Long Branch Energy Corporation
4608429 0042013	Rainbow Trout Coal LLC
4608637 C13737	Long Branch Energy Corporation
4608801 0041211	Alpha Natural Resources, Inc.
4609297 0071611	Patriot Coal Corporation
4609387 0041211	Alpha Natural Resources, Inc.
503672 C15561	Arch Resources Inc
1502502 C13562	James River Coal Company
1517234 0145041	Industrial Minerals Group LLC
1519097 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407081 C04393	Ervin Stiltner
4407087 0041211	Alpha Natural Resources, Inc.
4407087 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407150 C15863	Jeffery A Hoops
4407223 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407223 0127321	Alpha Metallurgical Resources Inc
4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601433 0157801	ACNR Holdings, Inc
4601437 C13408	Robert E Murray
4605121 0041211	Alpha Natural Resources, Inc.
4606263 0041211	Alpha Natural Resources, Inc.
4608315 0041211	Alpha Natural Resources, Inc.
4608647 0081113	ArcelorMittal
4608676 C05954	Amvest Corporation
4608801 0041211	Alpha Natural Resources, Inc.
4608829 0041211	Alpha Natural Resources, Inc.
4608855 C13737	Long Branch Energy Corporation
4608878 0085453	Metinvest B V
4609026 0127321	Alpha Metallurgical Resources Inc
4609131 0085759	Mechel Oao
4609361 0127923	Alpha Natural Resources Holdings, Inc
1518565 0120801	Cambrian Coal Corp
4405270 0041211	Alpha Natural Resources, Inc.
4405559 0041211	Alpha Natural Resources, Inc.
4406804 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.

4406864	0041211	Alpha Natural Resources, Inc.
4406929	0041211	Alpha Natural Resources, Inc.
4406929	0127321	Alpha Metallurgical Resources Inc
4407223	0127321	Alpha Metallurgical Resources Inc
4601318	C00692	CONSOL Energy Inc
4601433	C13408	Robert E Murray
4601437	C00692	CONSOL Energy Inc
4601456	C15833	Peabody Energy Corporation
4604955	C13737	Long Branch Energy Corporation
4605121	0041211	Alpha Natural Resources, Inc.
4607899	C05954	Amvest Corporation
4608159	0127923	Alpha Natural Resources Holdings, Inc
4608268	C13562	James River Coal Company
4608315	0041211	Alpha Natural Resources, Inc.
4608429	C10294	Chris Cline
4608625	0041211	Alpha Natural Resources, Inc.
4608730	0041211	Alpha Natural Resources, Inc.
4608878	0085453	Metinvest B V
4608932	0127321	Alpha Metallurgical Resources Inc
4608939	0071611	Patriot Coal Corporation
4609048	0127923	Alpha Natural Resources Holdings, Inc
4609091	0041211	Alpha Natural Resources, Inc.
4609091	0127321	Alpha Metallurgical Resources Inc
4609221	C02508	Massey Energy Company
4609258	0071611	Patriot Coal Corporation
4609297	0071611	Patriot Coal Corporation
4609297	0109461	Blackhawk Mining LLC
4609319	0109921	Coronado Coal LLC
4609522	0127321	Alpha Metallurgical Resources Inc
101401	0124421	Warrior Met Coal Intermediate Holdco LLC
1502502	C13562	James River Coal Company
1505375	0041211	Alpha Natural Resources, Inc.
1516958	C13562	James River Coal Company
1518565	C00286	TECO Energy Inc
1518565	0120801	Cambrian Coal Corp
1518565	0120801	Cambrian Coal Corp
1518884	0102675	Jason D Ousley
4406804	0041211	Alpha Natural Resources, Inc.
4406929	0041211	Alpha Natural Resources, Inc.
4407052	0041211	Alpha Natural Resources, Inc.
4601318	C13408	Robert E Murray
4601318	C13408	Robert E Murray
4601433	C00692	CONSOL Energy Inc
4601436	C00692	CONSOL Energy Inc
4603755	C02508	Massey Energy Company
4605437	0158381	Sev.en Global Investments a.s.
4607178	0056849	Magnum Coal Company

4608759 0109461	Blackhawk Mining LLC
4608879 0085453	Metinvest B V
4608890 C15833	Peabody Energy Corporation
4609066 0041211	Alpha Natural Resources, Inc.
4609086 0071611	Patriot Coal Corporation
4609221 0041211	Alpha Natural Resources, Inc.
4609230 0071611	Patriot Coal Corporation
4609301 0041211	Alpha Natural Resources, Inc.
4609348 0041211	Alpha Natural Resources, Inc.
4609361 0127923	Alpha Natural Resources Holdings, Inc
4609522 0127321	Alpha Metallurgical Resources Inc
504674 C10334	Oxbow Carbon LLC
1518565 0120801	Cambrian Coal Corp
1518647 C00012	Ashland Inc
4407129 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4601368 0071611	Patriot Coal Corporation
4601437 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4604955 C13737	Long Branch Energy Corporation
4604955 C13737	Long Branch Energy Corporation
4605121 0041211	Alpha Natural Resources, Inc.
4605121 0127923	Alpha Natural Resources Holdings, Inc
4606448 C15833	Peabody Energy Corporation
4607178 0158381	Sev.en Global Investments a.s.
4608402 0127923	Alpha Natural Resources Holdings, Inc
4608634 0056849	Magnum Coal Company
4608730 C15561	Arch Resources Inc
4608802 0041211	Alpha Natural Resources, Inc.
4608932 0041211	Alpha Natural Resources, Inc.
4609086 0071611	Patriot Coal Corporation
4609212 0127321	Alpha Metallurgical Resources Inc
4609301 0041211	Alpha Natural Resources, Inc.
4609361 0127923	Alpha Natural Resources Holdings, Inc
1517478 C13562	James River Coal Company
1518025 0045767	Lexington Coal Company LLC
1518381 0041211	Alpha Natural Resources, Inc.
1519097 0041211	Alpha Natural Resources, Inc.
1519097 0041211	Alpha Natural Resources, Inc.
3607416 C00692	CONSOL Energy Inc
4406444 0041211	Alpha Natural Resources, Inc.
4407146 0041211	Alpha Natural Resources, Inc.
4407163 0041211	Alpha Natural Resources, Inc.
4407163 0127321	Alpha Metallurgical Resources Inc
4407231 0041211	Alpha Natural Resources, Inc.
4601318 C00692	CONSOL Energy Inc
4601318 0157801	ACNR Holdings, Inc

4601437 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4601544 0041211	Alpha Natural Resources, Inc.
4605121 0127923	Alpha Natural Resources Holdings, Inc
4606618 0071611	Patriot Coal Corporation
4608315 0041211	Alpha Natural Resources, Inc.
4608685 C15187	Timothy G Elliott
4608801 0041211	Alpha Natural Resources, Inc.
4608837 0041211	Alpha Natural Resources, Inc.
4608890 C15833	Peabody Energy Corporation
4609301 0041211	Alpha Natural Resources, Inc.
1517288 0040983	Rhonda Duerr
1518198 0041211	Alpha Natural Resources, Inc.
1518340 0041211	Alpha Natural Resources, Inc.
1518565 C00286	TECO Energy Inc
1519015 C00286	TECO Energy Inc
4404856 0109921	Coronado Coal LLC
4406975 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4601433 C13408	Robert E Murray
4601433 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4601544 0127923	Alpha Natural Resources Holdings, Inc
4604168 C15561	Arch Resources Inc
4604670 C00012	Ashland Inc
4605121 0041211	Alpha Natural Resources, Inc.
4605437 0109461	Blackhawk Mining LLC
4607406 C13562	James River Coal Company
4608374 0041211	Alpha Natural Resources, Inc.
4608377 C05954	Amvest Corporation
4608625 0041211	Alpha Natural Resources, Inc.
4608645 0041211	Alpha Natural Resources, Inc.
4608751 0041211	Alpha Natural Resources, Inc.
4608808 0127923	Alpha Natural Resources Holdings, Inc
4608890 C15833	Peabody Energy Corporation
4609066 0041211	Alpha Natural Resources, Inc.
4609091 0127923	Alpha Natural Resources Holdings, Inc
4609091 0127321	Alpha Metallurgical Resources Inc
4609353 0041211	Alpha Natural Resources, Inc.
1511121 0041211	Alpha Natural Resources, Inc.
1517165 0041211	Alpha Natural Resources, Inc.
4403795 C00692	CONSOL Energy Inc
4404856 0109921	Coronado Coal LLC
4406748 0104093	SunCoke Energy Incorporated
4407052 0041211	Alpha Natural Resources, Inc.
4407163 0041211	Alpha Natural Resources, Inc.
4407322 0041211	Alpha Natural Resources, Inc.

4407322 0041211	Alpha Natural Resources, Inc.
4601318 C00692	CONSOL Energy Inc
4601433 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601436 C00692	CONSOL Energy Inc
4601437 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4605121 0041211	Alpha Natural Resources, Inc.
4605992 0127923	Alpha Natural Resources Holdings, Inc
4606213 0041211	Alpha Natural Resources, Inc.
4608315 0127923	Alpha Natural Resources Holdings, Inc
4608376 C00692	CONSOL Energy Inc
4608384 0127923	Alpha Natural Resources Holdings, Inc
4608655 0041211	Alpha Natural Resources, Inc.
4608808 0041211	Alpha Natural Resources, Inc.
4608808 0127321	Alpha Metallurgical Resources Inc
4608878 0085453	Metinvest B V
4608932 0041211	Alpha Natural Resources, Inc.
4609066 0041211	Alpha Natural Resources, Inc.
503836 C15833	Peabody Energy Corporation
1502709 C15833	Peabody Energy Corporation
1518507 0041211	Alpha Natural Resources, Inc.
4406444 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4601437 C00692	CONSOL Energy Inc
4601456 C15833	Peabody Energy Corporation
4601537 C13737	Long Branch Energy Corporation
4605121 0127923	Alpha Natural Resources Holdings, Inc
4605437 0071611	Patriot Coal Corporation
4608218 0041211	Alpha Natural Resources, Inc.
4608645 0041211	Alpha Natural Resources, Inc.
4608650 C13737	Long Branch Energy Corporation
4609086 0071611	Patriot Coal Corporation
4609091 0041211	Alpha Natural Resources, Inc.
4609092 0041211	Alpha Natural Resources, Inc.
4609217 0109921	Coronado Coal LLC
4609293 0041211	Alpha Natural Resources, Inc.
4609296 0109461	Blackhawk Mining LLC
4609348 0041211	Alpha Natural Resources, Inc.
4609361 0127923	Alpha Natural Resources Holdings, Inc
4609496 0081113	ArcelorMittal
4609550 0127321	Alpha Metallurgical Resources Inc
1518565 C00286	TECO Energy Inc

1518647 C15561	Arch Resources Inc
4406864 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407127 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407163 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407223 0127321	Alpha Metallurgical Resources Inc
4407231 0041211	Alpha Natural Resources, Inc.
4407322 0041211	Alpha Natural Resources, Inc.
4601271 C15833	Peabody Energy Corporation
4601433 C00692	CONSOL Energy Inc
4601436 C13408	Robert E Murray
4601436 0157801	ACNR Holdings, Inc
4606263 0041211	Alpha Natural Resources, Inc.
4607178 0071611	Patriot Coal Corporation
4608305 C13737	Long Branch Energy Corporation
4608429 0042013	Rainbow Trout Coal LLC
4608625 0041211	Alpha Natural Resources, Inc.
4608625 0127321	Alpha Metallurgical Resources Inc
4608637 C13737	Long Branch Energy Corporation
4608730 0041211	Alpha Natural Resources, Inc.
4608758 0041669	Wexford Capital LLC
4608801 0127321	Alpha Metallurgical Resources Inc
4608802 0127321	Alpha Metallurgical Resources Inc
4608829 0041211	Alpha Natural Resources, Inc.
4608838 0041211	Alpha Natural Resources, Inc.
4608878 0085453	Metinvest B V
4608890 0071611	Patriot Coal Corporation
4609154 0041211	Alpha Natural Resources, Inc.
4609522 0127321	Alpha Metallurgical Resources Inc
1516734 C00286	TECO Energy Inc
1517165 0041211	Alpha Natural Resources, Inc.
1518241 0041211	Alpha Natural Resources, Inc.
1518361 0145041	Industrial Minerals Group LLC
4202335 0098293	Rhino Resource Partners LP
4404856 0109921	Coronado Coal LLC
4406929 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4601437 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4604955 C13737	Long Branch Energy Corporation
4605121 C15532	Rag Aktiengesellschaft
4605121 0127923	Alpha Natural Resources Holdings, Inc
4608553 0041211	Alpha Natural Resources, Inc.
4608625 0041211	Alpha Natural Resources, Inc.

4608637 C13737	Long Branch Energy Corporation
4608735 0041211	Alpha Natural Resources, Inc.
4608751 0041211	Alpha Natural Resources, Inc.
4608801 0041211	Alpha Natural Resources, Inc.
4608909 0065149	John B Preece
4609048 0041211	Alpha Natural Resources, Inc.
4609163 0041211	Alpha Natural Resources, Inc.
4609293 0041211	Alpha Natural Resources, Inc.
4609361 0041211	Alpha Natural Resources, Inc.
4609522 0127321	Alpha Metallurgical Resources Inc
1518381 0041211	Alpha Natural Resources, Inc.
1518565 0120801	Cambrian Coal Corp
1519097 0041211	Alpha Natural Resources, Inc.
4405559 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4601537 0071611	Patriot Coal Corporation
4601544 0041211	Alpha Natural Resources, Inc.
4604955 C13737	Long Branch Energy Corporation
4605437 0158381	Sev.en Global Investments a.s.
4606448 0071611	Patriot Coal Corporation
4607009 0041211	Alpha Natural Resources, Inc.
4607545 0041211	Alpha Natural Resources, Inc.
4607545 0041211	Alpha Natural Resources, Inc.
4608730 0041211	Alpha Natural Resources, Inc.
4608759 0109461	Blackhawk Mining LLC
4608787 0041211	Alpha Natural Resources, Inc.
4608829 0041211	Alpha Natural Resources, Inc.
4609026 0041211	Alpha Natural Resources, Inc.
4609048 0041211	Alpha Natural Resources, Inc.
4609522 0127321	Alpha Metallurgical Resources Inc
503672 C15561	Arch Resources Inc
1518340 0041211	Alpha Natural Resources, Inc.
4201890 C15561	Arch Resources Inc
4406444 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407052 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407150 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407231 0041211	Alpha Natural Resources, Inc.
4601318 C00692	CONSOL Energy Inc
4601318 C00692	CONSOL Energy Inc
4601318 C13408	Robert E Murray
4601437 C00692	CONSOL Energy Inc
4604955 C13737	Long Branch Energy Corporation
4605121 0127923	Alpha Natural Resources Holdings, Inc
4605317 0127923	Alpha Natural Resources Holdings, Inc

4607273 0041211	Alpha Natural Resources, Inc.
4607908 C15833	Peabody Energy Corporation
4608305 C13737	Long Branch Energy Corporation
4608625 0044281	Foundation Coal Corporation
4608808 0127923	Alpha Natural Resources Holdings, Inc
4608890 C15833	Peabody Energy Corporation
4609048 0041211	Alpha Natural Resources, Inc.
4609054 0041211	Alpha Natural Resources, Inc.
4609086 0071611	Patriot Coal Corporation
4609217 0109921	Coronado Coal LLC
1519015 0120801	Cambrian Coal Corp
4404856 0109921	Coronado Coal LLC
4404856 0109921	Coronado Coal LLC
4405270 0041211	Alpha Natural Resources, Inc.
4405311 0127321	Alpha Metallurgical Resources Inc
4406864 0041211	Alpha Natural Resources, Inc.
4407052 0041211	Alpha Natural Resources, Inc.
4407052 0041211	Alpha Natural Resources, Inc.
4407129 C13461	Paul M Hogg
4407163 0041211	Alpha Natural Resources, Inc.
4407322 0127321	Alpha Metallurgical Resources Inc
4601271 C15833	Peabody Energy Corporation
4601318 C13408	Robert E Murray
4601318 0157801	ACNR Holdings, Inc
4601436 C00692	CONSOL Energy Inc
4601436 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4603143 C15833	Peabody Energy Corporation
4604955 C13737	Long Branch Energy Corporation
4605437 C16025	Richard M Hendrick
4607938 0127321	Alpha Metallurgical Resources Inc
4607945 C06656	Horizon Natural Resources Incorporated
4608297 C02508	Massey Energy Company
4608730 0041211	Alpha Natural Resources, Inc.
4608801 0041211	Alpha Natural Resources, Inc.
4608801 0041211	Alpha Natural Resources, Inc.
4608808 C02508	Massey Energy Company
4608939 0071611	Patriot Coal Corporation
4609048 0041211	Alpha Natural Resources, Inc.
4609172 0065149	John B Preece
4609297 0071611	Patriot Coal Corporation
504591 C16073	John C Smith Jr
1519015 0120801	Cambrian Coal Corp
1519472 0041211	Alpha Natural Resources, Inc.
3610045 C00692	CONSOL Energy Inc
4403932 C00692	CONSOL Energy Inc
4404856 C00692	CONSOL Energy Inc

4406929 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407223 0041211	Alpha Natural Resources, Inc.
4407223 0127321	Alpha Metallurgical Resources Inc
4601318 C00692	CONSOL Energy Inc
4601318 C13408	Robert E Murray
4601968 C00692	CONSOL Energy Inc
4606045 0041211	Alpha Natural Resources, Inc.
4607178 0056849	Magnum Coal Company
4607899 C05954	Amvest Corporation
4608637 C13737	Long Branch Energy Corporation
4608655 0041211	Alpha Natural Resources, Inc.
4608837 0127321	Alpha Metallurgical Resources Inc
4608885 0041211	Alpha Natural Resources, Inc.
4608993 0071611	Patriot Coal Corporation
4609048 0041211	Alpha Natural Resources, Inc.
4609054 0127923	Alpha Natural Resources Holdings, Inc
4609163 0041211	Alpha Natural Resources, Inc.
4609217 M00106	Cleveland-Cliffs Inc
4609258 0109461	Blackhawk Mining LLC
4609475 0127321	Alpha Metallurgical Resources Inc
1102408 C15833	Peabody Energy Corporation
1518376 C13562	James River Coal Company
1518647 C00012	Ashland Inc
1518869 0041211	Alpha Natural Resources, Inc.
1519116 0041211	Alpha Natural Resources, Inc.
1519189 0041211	Alpha Natural Resources, Inc.
3607230 C00692	CONSOL Energy Inc
4200121 C02046	MidAmerican Energy Holdings Company
4403795 C00692	CONSOL Energy Inc
4404856 C00692	CONSOL Energy Inc
4406864 0041211	Alpha Natural Resources, Inc.
4406864 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4406929 0041211	Alpha Natural Resources, Inc.
4601433 C00692	CONSOL Energy Inc
4601433 C13408	Robert E Murray
4601437 C00692	CONSOL Energy Inc
4601437 C13408	Robert E Murray
4601456 C15833	Peabody Energy Corporation
4601456 0071611	Patriot Coal Corporation
4602295 C05954	Amvest Corporation
4603143 C15833	Peabody Energy Corporation
4604955 C13737	Long Branch Energy Corporation
4605121 0044281	Foundation Coal Corporation

4605649 0041211	Alpha Natural Resources, Inc.
4608305 C13737	Long Branch Energy Corporation
4608315 0041211	Alpha Natural Resources, Inc.
4608632 0041211	Alpha Natural Resources, Inc.
4608808 0041211	Alpha Natural Resources, Inc.
4608878 0085453	Metinvest B V
4608932 0041211	Alpha Natural Resources, Inc.
4608932 0127321	Alpha Metallurgical Resources Inc
4609066 0041211	Alpha Natural Resources, Inc.
4609353 0041211	Alpha Natural Resources, Inc.
4609522 0127321	Alpha Metallurgical Resources Inc
1202010 C15833	Peabody Energy Corporation
1518732 0041211	Alpha Natural Resources, Inc.
1518734 C16016	Progress Energy Inc
1519015 C00286	TECO Energy Inc
1519189 0041211	Alpha Natural Resources, Inc.
4407087 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407146 0041211	Alpha Natural Resources, Inc.
4407232 0041211	Alpha Natural Resources, Inc.
4601271 C15833	Peabody Energy Corporation
4601433 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4601437 C13408	Robert E Murray
4603317 0041211	Alpha Natural Resources, Inc.
4605121 0041211	Alpha Natural Resources, Inc.
4605437 0109461	Blackhawk Mining LLC
4606263 0041211	Alpha Natural Resources, Inc.
4608263 C02508	Massey Energy Company
4608637 C13737	Long Branch Energy Corporation
4608676 C05954	Amvest Corporation
4608715 0098893	Joe Valis; Rufus W West
4608759 0071611	Patriot Coal Corporation
4609048 0127923	Alpha Natural Resources Holdings, Inc
4609086 0071611	Patriot Coal Corporation
4609091 0041211	Alpha Natural Resources, Inc.
4609154 0041211	Alpha Natural Resources, Inc.
4406444 0041211	Alpha Natural Resources, Inc.
4406444 0041211	Alpha Natural Resources, Inc.
4407047 0168521	Anthony H Dye
4407087 C02508	Massey Energy Company
4407129 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4407129 0041211	Alpha Natural Resources, Inc.
4601318 C13408	Robert E Murray
4601433 C13408	Robert E Murray
4605317 0041211	Alpha Natural Resources, Inc.

4607009	0127923	Alpha Natural Resources Holdings, Inc
4607178	C00012	Ashland Inc
4607273	0041211	Alpha Natural Resources, Inc.
4608551	0041211	Alpha Natural Resources, Inc.
4608637	C13737	Long Branch Energy Corporation
4608801	0041211	Alpha Natural Resources, Inc.
4608802	0127923	Alpha Natural Resources Holdings, Inc
4608808	C02508	Massey Energy Company
4608890	C15833	Peabody Energy Corporation
4609066	0041211	Alpha Natural Resources, Inc.
4609293	0041211	Alpha Natural Resources, Inc.
4609297	0109461	Blackhawk Mining LLC
4609319	0109921	Coronado Coal LLC
4609353	0041211	Alpha Natural Resources, Inc.
4609353	0041211	Alpha Natural Resources, Inc.
4609522	0127321	Alpha Metallurgical Resources Inc

OPERATOR_ID	OPERATOR_NAME	CONTRACTOR_ID	DOCUMENT_NO
P23854	Peabody Midwest Mining, LLC		2.20153E+11
P23981	Illnois Land Resources, Inc.		2.20063E+11
P16149	Rockhouse Energy Mining		2.20142E+11
P16149	Sidney Coal Company, LLC		2.20142E+11
P22905	North Fork Coal Corporation		2.20131E+11
P24538	American Energy Corporation	WFD	2.20033E+11
0050885	Paramont Coal Company Virginia, LLC		2.20143E+11
0050878	Dickenson-Russell Coal Co., LLC		2.20133E+11
P23653	Mill Branch Coal Corp		2.2014E+11
P10904	Dominion Coal Corporation		2.20091E+11
0050878	Dickenson-Russell Coal Co LLC		2.20151E+11
0050885	Paramont Coal Company Virginia, LLC		2.20113E+11
P23653	Mill Branch Coal Corp		2.2015E+11
0050885	Paramont Coal Company Virginia, LLC.		2.20123E+11
0146274	Paramont Contura, LLC		2.20182E+11
0050885	Paramont Coal Company Virginia LLC		2.20152E+11
0143073	The Harrison County Coal Company		2.20161E+11
0143073	The Harrison County Coal Company		2.20172E+11
P18717	McElroy Coal Company		2.20023E+11
P24184	Eastern Associated Coal LLC		2.20141E+11
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P24179	Pine Ridge Coal Company LLC		2.20031E+11
P20124	Long Branch Energy		2.20053E+11
P22603	Marfork Coal Company, LLC		2.20131E+11
P22485	Fola Coal Company LLC		2.20032E+11
P22603	Marfork Coal Company Inc		2.20161E+11
P21118	Aracoma Coal Company, LLC		2.20131E+11
P23835	Spartan Mining Company, LLC		2.2014E+11
P18607	Apogee Coal Company LLC		2.20122E+11
P22603	Marfork Coal Company, LLC		2.20191E+11
0054636	ICG Eastern LLC		2.20131E+11
P21118	Aracoma Coal Company, LLC		2.20211E+11
P23561	Blue Mountain Energy Inc		2.20153E+11
P01174	Monterey Coal Company		2.20031E+11
P24332	Stillhouse Mining LLC		2.20132E+11
P24542	Perry County Coal, LLC.		2.20152E+11
P24542	Perry County Coal, LLC.		2.20163E+11
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0050885	Paramont Coal Company Virginia, LLC.		2.20142E+11
0050885	Paramont Coal Company Virginia LLC		2.20142E+11
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0050885	Paramont Coal Company Virginia LLC		2.20152E+11
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P18717	McElroy Coal Company		2.20133E+11
0143013	The Marshall County Coal Company		2.20181E+11

0173414	Marshall County Coal Resources, Inc.	2.20232E+11
P22691	Crystal Fuels Company	2.2003E+11
0060463	Rockspring Development Inc	2.20142E+11
P24593	Speed Mining, LLC	2.20121E+11
0051081	Birch River Energy, LLC	2.2016E+11
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P22603	Marfork Coal Company, LLC	2.20153E+11
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P23860	Kingston Mining, Inc.	2.20151E+11
0050873	Little Eagle Coal Company LLC	2.20132E+11
P18607	Apogee Coal Company LLC	2.20091E+11
P21148	Mingo Logan Coal LLC	2.20092E+11
P22603	Marfork Coal Company, LLC	2.20073E+11
P11051	Republic Energy, Inc	2.20131E+11
P22603	Marfork Coal Company, LLC	2.20221E+11
P23835	Mammoth Coal Co.	2.20173E+11
P22905	North Fork Coal Corporation	2.2014E+11
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P24237	Emerald Coal Resources LP	2.20141E+11
P24228	RoxCoal, Inc.	2.2014E+11
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P22914	Regent Allied Carbon Energy, Inc.	2.20133E+11
P23653	Mill Branch Coal Corp	2.20141E+11
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0050885	Paramont Coal Company Virginia, LLC.	2.20151E+11
P21542	Banner Blue Coal Company	2.20181E+11
P00812	Consolidation Coal Company	2.20151E+11
0143053	The Marion County Coal Company	2.2018E+11
P24184	Eastern Associated Coal LLC	2.20042E+11
P23072	Emerald Processing LLC	2.20142E+11
P01231	Omar Mining Company	2.20152E+11
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P20655	Catenary Coal Company LLC	2.20031E+11
P11051	Elk Run Coal Company Inc	2.20132E+11
P23860	Kingston Mining, Inc.	2.2011E+11
P24027	Alex Energy Inc	2.20141E+11
P21118	Aracoma Coal Company, LLC	2.20153E+11
P23835	Spartan Mining Company, LLC	2.20163E+11
P23835	Spartan Mining Company, LLC	2.2019E+11
P24569	Rivers Edge Mining Inc	2.20073E+11
P22603	Marfork Coal Company, LLC	2.20142E+11
P22603	Marfork Coal Company, LLC	2.2017E+11
P21756	Premier Elkhorn Coal Company	2.20141E+11
P16149	Sidney Coal Company Inc	2.20153E+11

P16149	Sidney Coal Company, LLC	2.20141E+11
0082584	Pigeon Creek Processing Corporation	2.20152E+11
0050885	Paramont Coal Company Virginia, LLC	2.20161E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20143E+11
P23653	Mill Branch Coal Corp.	2.2015E+11
0050885	Paramont Coal Company Virginia LLC	2.20142E+11
0050885	Paramont Coal Company Virginia LLC	2.20143E+11
0146274	Paramont Contura, LLC	2.20221E+11
P00812	Consolidation Coal Company	2.2005E+11
0060463	Rockspring Development Inc	2.20161E+11
0051081	Birch River Energy, LLC	2.20133E+11
P20124	Long Branch Energy	2.201E+11
P11051	Elk Run Coal Company, LLC	2.20152E+11
0051474	Dakota LLC	2.2005E+11
P23860	Kingston Mining, Inc.	2.20142E+11
P23860	Kingston Mining, Inc.	2.20163E+11
P20124	Long Branch Energy	2.20082E+11
P21118	Aracoma Coal Company, LLC	2.20142E+11
P23835	Spartan Mining Company, LLC	2.20162E+11
P23835	Spartan Mining Company, LLC	2.20171E+11
P22485	Powellton Coal Company	2.20133E+11
P24184	Eastern Associated Coal LLC	2.20132E+11
0129274	Greenbrier Minerals, LLC	2.20182E+11
P00908	Martin Co. Coal Corp	2.20151E+11
P19831	McCoy Elkhorn Coal Corp.	2.20111E+11
P23517	Mettiki Coal LLC	2.20033E+11
0050885	Paramont Coal Company Virginia, LLC	2.20151E+11
0146274	Paramont Contura, LLC	2.20181E+11
0050885	Paramont Coal Company Virginia LLC	2.20121E+11
0050885	Paramont Coal Company Virginia LLC	2.20153E+11
P20124	Long Branch Energy	2.20101E+11
P23960	Bandmill Coal, LLC	2.20173E+11
P21654	Independence Coal Company LLC	2.20132E+11
P24027	Alex Energy Inc	2.2014E+11
P21118	Aracoma Coal Company, LLC	2.20151E+11
P21118	Aracoma Coal Company, LLC	2.20203E+11
P23835	Spartan Mining Company, LLC	2.20162E+11
P23860	Kingston Mining, Inc.	2.20171E+11
P22603	Marfork Coal Company, LLC	2.2017E+11
P23241	Oxbow Mining, LLC	2.20121E+11
P24038	Big Ridge Inc	2.20032E+11
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0146275	Dickenson-Russell Contura, LLC	2.2022E+11
P10904	Dominion Coal Corporation	2.20132E+11
0050885	Paramont Coal Company Virginia, LLC	2.20141E+11
P24258	Commonwealth Mining Llc	2.20043E+11
0050885	Paramont Coal Company Virginia LLC	2.20103E+11

0050885	Paramont Coal Company Virginia, LLC.	2.20133E+11
P23653	Mill Branch Coal Corporation	2.20141E+11
0050885	Paramont Coal Company Virginia LLC	2.20131E+11
0050885	Paramont Coal Company Virginia LLC	2.20152E+11
0050885	Paramont Coal Company Virginia LLC	2.20153E+11
0143013	The Marshall County Coal Company	2.20162E+11
P20124	Long Branch Energy	2.20091E+11
P24377	Highland Mining Company	2.20143E+11
0054636	ICG Eastern LLC	2.20063E+11
P22603	Marfork Coal Company Inc	2.20082E+11
P21118	Aracoma Coal Company, LLC	2.20173E+11
0070543	Brody Mining LLC	2.20133E+11
0070543	Brody Mining LLC	2.20133E+11
0087704	Midland Trail Energy LLC	2.20083E+11
P11051	Elk Run Coal Company, LLC	2.20133E+11
P23210	Freedom Energy Mining Company	2.20142E+11
P21756	Premier Elkhorn Coal Company	2.20141E+11
0146275	Dickenson-Russell Contura, LLC	2.20222E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20151E+11
0050878	Dickenson-Russell Coal Co LLC	2.20142E+11
P23653	Mill Branch Coal Corporation	2.20143E+11
0146274	Paramont Contura, LLC	2.20181E+11
0146274	Paramont Contura, LLC	2.20212E+11
0050885	Paramont Coal Company Virginia LLC	2.20123E+11
0050885	Paramont Coal Company Virginia LLC	2.20151E+11
P00812	Consolidation Coal Company	2.20151E+11
P23768	Wolf Run Mining LLC	2.20111E+11
P23860	Kingston Mining Inc.	2.20143E+11
P23072	Emerald Processing, LLC.	2.20142E+11
0146435	Nicholas Contura LLC	2.20192E+11
P18607	Apogee Coal Company LLC	2.20132E+11
P22603	Marfork Coal Company, LLC	2.20132E+11
0103985	Republic Energy LLC	2.20163E+11
0081364	Brooks Run South Mining, LLC	2.20141E+11
P23072	Emerald Processing, LLC.	2.20143E+11
P01155	Jim Walter Resources Inc	2.20082E+11
P24542	Perry County Coal, LLC.	2.20143E+11
P23653	Mill Branch Coal Corp	2.20133E+11
P10904	Dominion Coal Corporation	2.20132E+11
P21542	Banner Blue Coal Company	2.20181E+11
P18717	McElroy Coal Company	2.20051E+11
0143013	The Marshall County Coal Company	2.20181E+11
0060463	Rockspring Development Inc	2.20163E+11
P24184	Eastern Associated Coal LLC	2.20031E+11
P23860	Kingston Mining, Inc.	2.20082E+11
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P24569	Rivers Edge Mining Inc	2.20073E+11

P18607	Apogee Coal Company LLC	2.20031E+11
P18607	Apogee Coal Company LLC	2.20111E+11
P22603	Marfork Coal Company, LLC	2.20162E+11
0070123	Raven Crest Contracting, LLC	2.2016E+11
0116765	Glen Alum Operations, LLC	2.2014E+11
0141654	Kanawha Eagle Mining, LLC	2.2022E+11
0081364	Brooks Run South Mining, LLC	2.2015E+11
P22603	Marfork Coal Company, LLC	2.2023E+11
P01155	Jim Walter Resources Inc	2.20082E+11
P23684	Canyon Fuel Company LLC	2.2018E+11
P10904	Dominion Coal Corporation	2.20132E+11
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P22858	Dorchester Enterprises, Inc.	2.20101E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20131E+11
0050878	Dickenson-Russell Coal Co LLC	2.2016E+11
0146274	Paramont Contura, LLC	2.20222E+11
P00812	Consolidation Coal Company	2.201E+11
P18717	McElroy Coal Company	2.20023E+11
0143013	The Marshall County Coal Company	2.20171E+11
P19748	Terry Eagle Coal Company LLC	2.20043E+11
0060463	Rockspring Development Inc	2.2016E+11
0060463	Rockspring Development Inc	2.20161E+11
P24377	Highland Mining Company	2.20151E+11
0055797	Carter Roag Coal Company	2.20132E+11
P21118	Aracoma Coal Company, LLC	2.20211E+11
P23835	Spartan Mining Company, LLC	2.20132E+11
P23835	Spartan Mining Company, LLC	2.20163E+11
P20124	Long Branch Energy	2.2006E+11
0129274	Greenbrier Minerals, LLC	2.2019E+11
P23835	Mammoth Coal Co.	2.20192E+11
0051081	Brooks Run Mining Co., LLC	2.20133E+11
P24542	Perry County Coal, LLC.	2.2016E+11
P16149	Sidney Coal Company Inc	2.20141E+11
P24228	RoxCoal Inc	2.20073E+11
P23653	Mill Branch Coal Corp.	2.20141E+11
0050885	Paramont Coal Company Virginia LLC	2.20154E+11
0050885	Paramont Coal Company Virginia, LLC	2.20121E+11
0050885	Paramont Coal Company Virginia LLC	2.20142E+11
0146274	Paramont Contura, LLC	2.20212E+11
P20124	Long Branch Energy	2.20113E+11
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P22603	Marfork Coal Company, LLC	2.20141E+11
P18091	Mystic Energy Incorporated	2.20031E+11
P23860	Kingston Mining, Inc.	2.20153E+11
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P21148	Mingo Logan Coal LLC	2.20092E+11
P22603	Marfork Coal Company, LLC	2.20161E+11

P11051	Elk Run Coal Company, LLC	2.20161E+11
0120035	South Fork Coal Co., LLC	2.20161E+11
P00908	Martin County Coal Corp	2.20141E+11
0051027	Enterprise Mining Company, LLC	2.20103E+11
0079344	Armstrong Coal Company, Inc.	2.20142E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20143E+11
0144433	Buchanan Minerals, LLC	2.20224E+11
0050878	Dickenson-Russell Coal Co LLC	2.20132E+11
0050885	Paramont Coal Company Virginia, LLC	2.20142E+11
P23653	Mill Branch Coal Corp.	2.20152E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20111E+11
0146274	Paramont Contura, LLC	2.20223E+11
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0143053	The Marion County Coal Company	2.20182E+11
P23835	Spartan Mining Company, LLC	2.2016E+11
P00812	Consolidation Coal Company	2.20033E+11
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P24184	Eastern Associated Coal LLC	2.20141E+11
P18607	Apogee Coal Company LLC	2.20051E+11
P11051	Elk Run Coal Company, LLC	2.20142E+11
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P20655	Catenary Coal Company LLC	2.20031E+11
P23556	Dakota Mining Inc	2.2003E+11
P24390	Rockhouse Creek Development LLC	2.20042E+11
P21118	Aracoma Coal Company, LLC	2.2021E+11
P24377	Highland Mining Company	2.20162E+11
P24390	Rockhouse Creek Development, LLC	2.20132E+11
0070543	Brody Mining LLC	2.20142E+11
0051081	Brooks Run Mining Co., LLC	2.20132E+11
0051081	Brooks Run Mining Company LLC	2.20162E+11
P21118	Aracoma Coal Company, LLC	2.20161E+11
P01174	Monterey Coal Company	2.20033E+11
P24332	Stillhouse Mining LLC	2.20132E+11
P21756	Premier Elkhorn Coal Company	2.20082E+11
P10904	Dominion Coal Corporation	2.2013E+11
0050878	Dickenson-Russell Coal Co LLC	2.20143E+11
0050885	Paramont Coal Company Virginia LLC	2.20142E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20141E+11
0146274	Paramont Contura, LLC	2.20201E+11
P00812	Consolidation Coal Company	2.20143E+11
0143073	The Harrison County Coal Company	2.20163E+11
0143173	The Ohio County Coal Company	2.20171E+11
P18717	McElroy Coal Company	2.20093E+11
0143013	The Marshall County Coal Company	2.20183E+11
0051370	Pinnacle Mining Company LLC	2.20132E+11
P20124	Long Branch Energy	2.20081E+11
P24184	Eastern Associated Coal LLC	2.20141E+11

P24593	Speed Mining, LLC	2.20031E+11
0051369	Litwar Processing Company, LLC	2.2019E+11
0081364	Brooks Run South Mining, LLC	2.20171E+11
P11051	Elk Run Coal Co.	2.20132E+11
0055797	Carter Roag Coal Company	2.20191E+11
P21654	Independence Coal Company Inc	2.20131E+11
P23835	Spartan Mining Company, LLC	2.2015E+11
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P23860	Kingston Mining, Inc.	2.20211E+11
P22603	Marfork Coal Company, LLC	2.20192E+11
P24377	Highland Mining Company	2.20153E+11
P23835	Mammoth Coal Co.	2.20163E+11
P24542	Perry County Coal, LLC.	2.20153E+11
0082584	Pigeon Creek Processing Corporation	2.20141E+11
0144433	Buchanan Minerals, LLC	2.2017E+11
0050885	Paramont Coal Company Virginia LLC	2.20152E+11
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P24184	Eastern Associated Coal LLC	2.20033E+11
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P23960	Bandmill Coal, LLC	2.20161E+11
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P11051	Elk Run Coal Company, LLC	2.20132E+11
P24179	Pine Ridge Coal Company LLC	2.20042E+11
0051081	Brooks Run Mining Company LLC	2.20082E+11
P23860	Kingston Mining, Inc.	2.20152E+11
0081364	Brooks Run South Mining, LLC	2.20131E+11
0146435	Nicholas Contura LLC	2.20163E+11
P22603	Marfork Coal Company, LLC	2.20153E+11
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P21118	Aracoma Coal Company, LLC	2.20222E+11
P24319	Peter Cave Mining Co.	2.20161E+11
P22905	North Fork Coal Corporation	2.2014E+11
P23317	Bledsoe Coal Corporation	2.20121E+11
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P24184	Eastern Associated Coal LLC	2.20073E+11
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P24184	Eastern Associated Coal LLC	2.20031E+11
0060463	Rockspring Development Inc	2.20131E+11

P22918	Goals Coal Company		2.20141E+11
P24593	Speed Mining, LLC		2.20141E+11
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P23860	Kingston Mining, Inc.		2.2019E+11
P20124	Long Branch Energy		2.2003E+11
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P23860	Kingston Mining, Inc.		2.20222E+11
P18607	Apogee Coal Company LLC		2.20103E+11
P18607	Apogee Coal Company LLC		2.20114E+11
P23072	Emerald Processing, LLC.		2.20142E+11
P24390	Rockhouse Creek Development, LLC		2.20131E+11
0053958	Mettiki Coal WV, LLC		2.20103E+11
P22603	Marfork Coal Company, LLC		2.20153E+11
P24564	Frasure Creek Mining LLC	Z812	2.2012E+11
0051081	Brooks Run Mining Company LLC		2.20133E+11
P21118	Aracoma Coal Company		2.20213E+11
0050885	Paramont Coal Company Virginia, LLC		2.20162E+11
0050878	Dickenson-Russell Coal Co LLC		2.2015E+11
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0050885	Paramont Coal Company Virginia, LLC		2.20133E+11
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0146274	Paramont Contura, LLC		2.20182E+11
P21542	Banner Blue Coal Company		2.20181E+11
P24184	Eastern Associated Coal LLC		2.20103E+11
P00812	Consolidation Coal Company		2.20151E+11
0143073	The Harrison County Coal Company		2.20162E+11
P00812	Consolidation Coal Company		2.20031E+11
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P23960	Bandmill Coal, LLC		2.20132E+11
0060463	Rockspring Development Inc		2.20161E+11
P24593	Speed Mining, LLC		2.20031E+11
0051474	Dakota LLC		2.20042E+11
P23860	Kingston Mining, Inc.		2.20151E+11
P23860	Kingston Mining, Inc.		2.2018E+11
P21118	Aracoma Coal Company, LLC		2.20203E+11
P23835	Spartan Mining Company, LLC		2.20163E+11
P23835	Spartan Mining Company, LLC		2.20192E+11
P24569	Rivers Edge Mining Inc		2.20102E+11
P23860	Kingston Mining, Inc.		2.20141E+11
P23860	Kingston Mining, Inc.		2.20183E+11
P22603	Marfork Coal Company, LLC		2.2014E+11
P24377	Highland Mining Company		2.2016E+11
P23072	Emerald Processing, LLC.		2.20141E+11

0081364	Brooks Run South Mining, LLC		2.20161E+11
P01155	Jim Walter Resources Inc		2.20082E+11
0135133	McCoy Elkhorn Coal Co.	WWZ	2.2016E+11
P24542	Perry County Coal, LLC.		2.20162E+11
P16149	Sidney Coal Company, LLC		2.20151E+11
		C19	2.20193E+11
0050885	Paramont Coal Company Virginia, LLC		2.20143E+11
P23653	Mill Branch Coal Corp		2.20143E+11
0050885	Paramont Coal Company Virginia LLC		2.20161E+11
0050885	Paramont Coal Company Virginia LLC		2.20132E+11
P00812	Consolidation Coal Company		2.20062E+11
P20124	Long Branch Energy		2.20083E+11
P24184	Eastern Associated Coal LLC		2.20033E+11
0081364	Brooks Run South Mining, LLC		2.20183E+11
P22603	Marfork Coal Company, LLC		2.2014E+11
P21118	Aracoma Coal Company, LLC		2.20163E+11
P23835	Spartan Mining Company, LLC		2.20143E+11
P20124	Long Branch Energy		2.2007E+11
P22603	Marfork Coal Company, LLC		2.20132E+11
P02030	Bluestone Coal Corporation	M943	2.201E+11
P11051	Elk Run Coal Company, LLC		2.20162E+11
P24373	Newtown Energy, Inc.		2.20131E+11
P21654	Independence Coal Company		2.20151E+11
P01155	Jim Walter Resources Inc		2.20132E+11
P24200	Eighty Four Mining Company		2.20031E+11
P23206	Maple Creek Mining Incorporated	A642	2.20033E+11
P20305	Twin Star Mining, Inc.		2.20072E+11
0050885	Paramont Coal Company Virginia, LLC		2.20151E+11
0050885	Paramont Coal Company Virginia, LLC		2.20161E+11
P23653	Mill Branch Coal Corp.		2.2015E+11
0050878	Dickenson-Russell Coal Co LLC		2.20111E+11
0050885	Paramont Coal Company Virginia LLC		2.2015E+11
0146274	Paramont Contura, LLC		2.20182E+11
0143073	The Harrison County Coal Company		2.20201E+11
0143053	The Marion County Coal Company		2.20202E+11
P18717	McElroy Coal Company		2.20051E+11
P24184	Eastern Associated Coal LLC		2.20033E+11
P24184	Eastern Associated Coal LLC		2.20042E+11
P24593	Speed Mining, LLC		2.20091E+11
P24179	Pine Ridge Coal Company LLC		2.2007E+11
P22485	Fola Coal Company LLC		2.20031E+11
0051474	Dakota LLC		2.20062E+11
P23860	Kingston Mining, Inc.		2.2015E+11
P23860	Kingston Mining, Inc.		2.2019E+11
P23698	Remington Coal Company Inc		2.20032E+11
P20124	Long Branch Energy		2.2003E+11
0081364	Brooks Run South Mining, LLC		2.20143E+11

P23072	Emerald Processing, LLC.	2.20143E+11
0146435	Nicholas Contura LLC	2.2019E+11
P24569	Rivers Edge Mining Inc	2.20073E+11
P23860	Kingston Mining, Inc.	2.20191E+11
P22603	Marfork Coal Company, LLC	2.20184E+11
P00908	Martin Co. Coal Corp.	2.20142E+11
P24542	Perry County Coal, LLC.	2.20152E+11
P24332	Stillhouse Mining, LLC	2.20141E+11
P24542	Perry County Coal, LLC.	2.20162E+11
0144433	Buchanan Minerals, LLC	2.20223E+11
0050885	Paramont Coal Company Virginia, LLC	2.20141E+11
P23653	Mill Branch Coal Corp.	2.20131E+11
P23653	Mill Branch Coal Corp	2.2014E+11
0050885	Paramont Coal Company Virginia LLC	2.20142E+11
P23653	Mill Branch Coal Corporation	2.20113E+11
0050885	Paramont Coal Company Virginia LLC	2.20132E+11
0146274	Paramont Contura, LLC	2.20182E+11
0146274	Paramont Contura, LLC	2.20204E+11
0146274	Paramont Contura, LLC	2.20213E+11
P23860	Kingston Mining Inc.	2.20161E+11
0060463	Rockspring Development Inc	2.20152E+11
P20655	Catenary Coal Company LLC	2.20032E+11
P24179	Pine Ridge Coal Company LLC	2.20042E+11
P22603	Marfork Coal Company, LLC	2.20132E+11
P11051	Elk Run Coal Company, LLC	2.20151E+11
P23860	Kingston Mining, Inc.	2.20151E+11
P20124	Long Branch Energy	2.20033E+11
P20124	Long Branch Energy	2.20033E+11
P19748	Terry Eagle Coal Company LLC	2.2004E+11
0141713	ERP Environmental Fund Inc.	2.20164E+11
0053958	Mettiki Coal WV, LLC	2.20062E+11
P24184	Eastern Associated Coal LLC	2.20142E+11
0081364	Brooks Run South Mining, LLC	2.20143E+11
0050873	Little Eagle Coal Company, L.L.C.	2.20132E+11
P24332	Stillhouse Mining LLC	2.2014E+11
0101206	Kopper Glo Mining, LLC	2.20221E+11
0144433	Buchanan Minerals, LLC	2.20182E+11
0144433	Buchanan Minerals, LLC	2.20231E+11
P23653	Mill Branch Coal Corp.	2.2014E+11
0143073	The Harrison County Coal Company	2.20171E+11
P00812	Consolidation Coal Company	2.20143E+11
P18717	McElroy Coal Company	2.2007E+11
0143013	The Marshall County Coal Company	2.2016E+11
0143013	The Marshall County Coal Company	2.20193E+11
P23835	Spartan Mining Company, LLC	2.20162E+11
P00812	Consolidation Coal Company	2.20081E+11
P20124	Long Branch Energy	2.20083E+11

0060463	Rockspring Development Inc	2.20142E+11
P24193	Evergreen Mining Company	2.20031E+11
0051081	Brooks Run Mining Company LLC	2.20071E+11
P22603	Marfork Coal Company, LLC	2.20171E+11
P21118	Aracoma Coal Company, LLC	2.20192E+11
P23835	Spartan Mining Company, LLC	2.20191E+11
P22603	Marfork Coal Company, LLC	2.20133E+11
0066403	Big River Mining LLC	2.20101E+11
0060725	Atlantic Leaseco, LLC	2.2012E+11
0052652	Bowie Resources LLC	2.20142E+11
P24542	Perry County Coal, LLC.	2.20161E+11
P24542	Perry County Coal, LLC.	2.20152E+11
0051027	Enterprise Mining Company, LLC	2.20153E+11
0051027	Enterprise Mining Co LLC	2.20142E+11
P19841	Bell County Coal Corporation	2.20142E+11
0088244	Deane Mining LLC	2.20192E+11
0105487	Consol Pennsylvania Coal Company LLC	2.20132E+11
P10903	Jewell Smokeless Coal Corp	2.2007E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20133E+11
0050878	Dickenson-Russell Coal Co LLC	2.20142E+11
0050885	Paramont Coal Company Virginia LLC	2.20152E+11
0143053	The Marion County Coal Company	2.20163E+11
0173653	Marion County Coal Resources, Inc.	2.20232E+11
P18717	McElroy Coal Company	2.20073E+11
P24184	Eastern Associated Coal Corp	2.20031E+11
0067723	ICG Beckley LLC	2.2017E+11
P24179	Pine Ridge Coal Company LLC	2.20102E+11
P20124	Long Branch Energy	2.20083E+11
P20124	Long Branch Energy	2.20111E+11
P11051	Elk Run Coal Company, LLC	2.20162E+11
P21118	Aracoma Coal Company, LLC	2.20153E+11
P23835	Spartan Mining Company, LLC	2.2016E+11
P18607	Apogee Coal Company LLC	2.20071E+11
P24373	Newtown Energy, Inc.	2.20131E+11
P22603	Marfork Coal Company, LLC	2.20172E+11
0051081	Brooks Run Mining Company LLC	2.20131E+11
P22603	Marfork Coal Company, LLC	2.20173E+11
P22603	Marfork Coal Company, LLC	2.20231E+11
P24204	Mountain Coal Company, L.L.C.	2.20041E+11
0088324	M-Class Mining LLC	2.20163E+11
P22905	North Fork Coal Corporation	2.20133E+11
0059863	Kentucky Fuel Corporation	2.20144E+11
0050878	Dickenson-Russell Coal Co LLC	2.20152E+11
P23653	Mill Branch Coal Corp.	2.20141E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20152E+11
0050885	Paramont Coal Company Virginia LLC	2.20133E+11
0050885	Paramont Coal Company Virginia, LLC	2.20152E+11

0143053	The Marion County Coal Company	2.20203E+11
0143013	The Marshall County Coal Company	2.20182E+11
P24593	Speed Mining, LLC	2.20041E+11
0141673	Panther Creek Mining LLC	2.20201E+11
P20655	Catenary Coal Company LLC	2.20031E+11
P20124	Long Branch Energy	2.20031E+11
P11051	Elk Run Coal Company, LLC	2.20151E+11
P23860	Kingston Mining, Inc.	2.20154E+11
P20124	Long Branch Energy	2.20023E+11
P24569	Rivers Edge Mining Inc	2.2004E+11
P23860	Kingston Mining, Inc.	2.20173E+11
P22603	Marfork Coal Company, LLC	2.20133E+11
P21118	Aracoma Coal Company, LLC	2.20212E+11
P24204	Mountain Coal Company, L.L.C.	2.20041E+11
P24219	Cave Spur Coal LLC	2.20072E+11
P22905	North Fork Coal Corporation	2.20122E+11
P24542	Perry County Coal, LLC.	2.20073E+11
P24542	Perry County Coal, LLC.	2.20141E+11
P16149	Sidney Coal Company, LLC	2.20143E+11
0050885	Paramont Coal Company Virginia, LLC	2.20143E+11
P23653	Mill Branch Coal Corp.	2.20143E+11
P23653	Mill Branch Coal Corp	2.20132E+11
0146274	Paramont Contura, LLC	2.20221E+11
0146274	Paramont Contura, LLC	2.20201E+11
P21542	Banner Blue Coal Company	2.20181E+11
0143073	The Harrison County Coal Company	2.20161E+11
0143053	The Marion County Coal Company	2.20203E+11
P00812	Consolidation Coal Company	2.20191E+11
0119069	Gateway Eagle Coal Company, LLC	2.2014E+11
0060463	Rockspring Development Inc	2.20163E+11
0054636	ICG Eastern LLC	2.20052E+11
P24390	Rockhouse Creek Development Corp	2.20032E+11
P23860	Kingston Mining, Inc.	2.20172E+11
P24044	Progress Coal	2.20132E+11
0118488	Pocahontas Coal Company LLC	2.20182E+11
P22603	Marfork Coal Company, LLC	2.20151E+11
0074903	Appalachian Premium Fuels LLC	2.20082E+11
0129274	Greenbrier Minerals, LLC	2.20182E+11
P23072	Emerald Processing, LLC.	2.20142E+11
P21118	Aracoma Coal Company	2.20212E+11
P21118	Aracoma Coal Company	2.20213E+11
P02121	Pine Branch Coal Sales Inc	2.20061E+11
P21594	Lone Mountain Processing LLC	2.20051E+11
0051027	Enterprise Mining Company, LLC	2.20153E+11
P24228	RoxCoal Inc	2.20052E+11
0050878	Dickenson-Russell Coal Co., LLC	2.20143E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20153E+11

0050885	Paramont Coal Company Virginia, LLC		2.20142E+11
0050885	Paramont Coal Company Virginia, LLC.		2.20143E+11
P23653	Mill Branch Coal Corp		2.2014E+11
0050885	Paramont Coal Company Virginia LLC		2.20154E+11
0050885	Paramont Coal Company Virginia LLC		2.20161E+11
0050885	Paramont Coal Company Virginia, LLC		2.20152E+11
P00812	Consolidation Coal Company		2.20151E+11
0143073	The Harrison County Coal Company		2.20161E+11
0143053	The Marion County Coal Company		2.20203E+11
0060463	Rockspring Development Inc		2.2016E+11
P22603	Marfork Coal Company, LLC		2.20183E+11
0051474	Dakota LLC		2.2004E+11
P23860	Kingston Mining, Inc.		2.20171E+11
P20124	Long Branch Energy		2.2004E+11
0081364	Brooks Run South Mining, LLC		2.20132E+11
P23835	Spartan Mining Company, LLC		2.20031E+11
P24569	Rivers Edge Mining Inc		2.20092E+11
P22603	Marfork Coal Company, LLC		2.20133E+11
P24377	Highland Mining Company		2.2016E+11
P23072	Emerald Processing, LLC.		2.20143E+11
P21118	Aracoma Coal Company, LLC		2.2019E+11
P24465	Cook & Sons Mining Inc		2.20031E+11
P19841	Bell County Coal Corporation	WWZ	2.20103E+11
P24228	RoxCoal, Inc.		2.20143E+11
0144433	Buchanan Minerals, LLC		2.2023E+11
0050885	Paramont Coal Company Virginia, LLC		2.20131E+11
0050885	Paramont Coal Company Virginia, LLC.		2.20133E+11
0050885	Paramont Coal Company Virginia LLC		2.20151E+11
0143053	The Marion County Coal Company		2.2018E+11
P18717	McElroy Coal Company		2.20033E+11
P24184	Eastern Associated Coal LLC		2.20032E+11
P23835	Spartan Mining Company, LLC		2.20173E+11
0141655	Rockwell Mining LLC		2.20172E+11
P22485	Fola Coal Company LLC		2.2007E+11
P22603	Marfork Coal Company Inc		2.20131E+11
P22603	Marfork Coal Company Inc		2.20142E+11
P21118	Aracoma Coal Company, LLC		2.20201E+11
P22603	Marfork Coal Company, LLC		2.2016E+11
P23835	Mammoth Coal Co.		2.20141E+11
P23210	Freedom Energy Mining Company		2.20142E+11
P24317	Panther Mining LLC		2.20141E+11
P24542	Perry County Coal, LLC.		2.20132E+11
0051027	Enterprise Mining Co LLC		2.20122E+11
P22905	North Fork Coal Corp		2.20151E+11
0050878	Dickenson-Russell Coal Co LLC		2.20152E+11
0050885	Paramont Coal Company Virginia, LLC		2.20133E+11
0050885	Paramont Coal Company Virginia LLC		2.20133E+11

0050885	Paramont Coal Company Virginia LLC	2.20141E+11
P24184	Eastern Associated Coal LLC	2.20032E+11
P24184	Eastern Associated Coal LLC	2.20083E+11
0143013	The Marshall County Coal Company	2.20171E+11
0060463	Rockspring Development Inc	2.20161E+11
P20655	Catenary Coal Company LLC	2.20071E+11
P22603	Marfork Coal Company Inc	2.20141E+11
P24027	Alex Energy Inc	2.20162E+11
P23835	Spartan Mining Company, LLC	2.20131E+11
0081364	Brooks Run South Mining, LLC	2.20151E+11
P23860	Kingston Mining, Inc.	2.2016E+11
P22603	Marfork Coal Company, LLC	2.20193E+11
P22603	Marfork Coal Company, LLC	2.20141E+11
P21654	Independence Coal Company	2.20151E+11
0103985	Republic Energy LLC	2.20213E+11
0051027	Enterprise Mining Company LLC	2.20142E+11
P16149	Sidney Coal Company Inc	2.20134E+11
P24542	Perry County Coal, LLC.	2.20163E+11
0050878	Dickenson-Russell Coal Company, LLC	2.2014E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20142E+11
0050885	Paramont Coal Company Virginia LLC	2.20143E+11
P24184	Eastern Associated Coal LLC	2.20041E+11
0143073	The Harrison County Coal Company	2.20163E+11
P00812	Consolidation Coal Company	2.2015E+11
P23835	Spartan Mining Company, LLC	2.20163E+11
P24179	Pine Ridge Coal Company LLC	2.20033E+11
P24179	Pine Ridge Coal Company LLC	2.201E+11
P23152	Laurel Creek Company Inc	2.20051E+11
P23835	Mammoth Coal Co.	2.20141E+11
P22901	Performance Coal Company	2.20132E+11
P23698	Remington Coal Company Inc	2.20023E+11
P23072	Emerald Processing, LLC.	2.20151E+11
P24027	Alex Energy Inc	2.20152E+11
P21118	Aracoma Coal Company, LLC	2.2019E+11
P18607	Apogee Coal Company LLC	2.20132E+11
0051510	Remington LLC	2.20141E+11
0051081	Brooks Run Mining Company LLC	2.20162E+11
P23241	Oxbow Mining, LLC	2.20032E+11
P24332	Stillhouse Mining LLC	2.20121E+11
P24317	Panther Mining LLC	2.20112E+11
P24542	Perry County Coal, LLC.	2.20161E+11
P24542	Perry County Coal, LLC.	2.20163E+11
P21182	Cumberland River Coal Company	2.201E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20133E+11
0050878	Dickenson-Russell Coal Co LLC	2.2013E+11
0050885	Paramont Coal Company Virginia LLC	2.20133E+11
P21542	Banner Blue Coal Company	2.20181E+11

0143013	The Marshall County Coal Company	2.20171E+11
P20124	Long Branch Energy	2.20063E+11
P23835	Spartan Mining Company, LLC	2.20192E+11
P23835	Mammoth Coal Co.	2.20212E+11
P23152	Laurel Creek Company Inc	2.20041E+11
0051509	Mystic LLC	2.20042E+11
P19500	White Flame Energy, Inc	2.20132E+11
P20124	Long Branch Energy	2.20111E+11
P20124	Long Branch Energy	2.20051E+11
0055797	Carter Roag Coal Company	2.20194E+11
P19748	Terry Eagle Coal Company LLC	2.20032E+11
0051089	Kingwood Mining Company LLC	2.20033E+11
P21118	Aracoma Coal Company, LLC	2.20204E+11
P21118	Aracoma Coal Company, LLC	2.2003E+11
0118488	Pocahontas Coal Company LLC	2.20193E+11
0050873	Little Eagle Coal Company LLC	2.20112E+11
P24354	Peabody Twentymile Mining LLC	2.20041E+11
P23317	Bledsoe Coal Corp	2.20073E+11
P24542	Perry County Coal, LLC.	2.20152E+11
P16149	Sidney Coal Company, LLC	2.20132E+11
P16149	Sidney Coal Company, LLC	2.20153E+11
0050885	Paramont Coal Company Virginia, LLC	2.20151E+11
0050885	Paramont Coal Company Virginia LLC	2.20141E+11
0146274	Paramont Contura, LLC	2.2019E+11
0146274	Paramont Contura, LLC	2.2021E+11
P21542	Banner Blue Coal Company	2.20181E+11
P19748	Terry Eagle Coal Company LLC	2.20031E+11
P23960	Bandmill Coal, LLC	2.20151E+11
P20655	Catenary Coal Company LLC	2.20051E+11
P20124	Long Branch Energy	2.20052E+11
P22603	Marfork Coal Company, LLC	2.2017E+11
P23860	Kingston Mining, Inc.	2.2018E+11
0081364	Brooks Run South Mining, LLC	2.20132E+11
0051089	Kingwood Mining Company LLC	2.20033E+11
P23835	Spartan Mining Company, LLC	2.20151E+11
P22603	Marfork Coal Company, LLC	2.20151E+11
P23835	Mammoth Coal Co.	2.20152E+11
0051081	Brooks Run Mining Company LLC	2.2016E+11
P23854	Peabody Midwest Mining, LLC	2.20153E+11
P23854	Peabody Midwest Mining, LLC	2.20173E+11
P22905	North Fork Coal Corporation	2.20132E+11
0051027	Enterprise Mining Company LLC	2.20123E+11
0052505	Advent Mining LLC	2.20063E+11
P24542	Perry County Coal, LLC.	2.20153E+11
P23149	Bayonet MNG. Co, Inc	2.20073E+11
P10904	Dominion Coal Corporation	2.20023E+11
0050885	Paramont Coal Company Virginia, LLC	2.20133E+11

P23653	Mill Branch Coal Corp	2.2014E+11
0143073	The Harrison County Coal Company	2.20171E+11
P24179	Pine Ridge Coal Company LLC	2.20092E+11
P24184	Eastern Associated Coal Corp	2.20031E+11
P24377	Highland Mining Company	2.20151E+11
P20655	Catenary Coal Company LLC	2.20071E+11
P22603	Marfork Coal Company, LLC	2.20131E+11
P22603	Marfork Coal Company, LLC	2.20172E+11
P22485	Fola Coal Company LLC	2.2007E+11
P23860	Kingston Mining, Inc.	2.20143E+11
P23860	Kingston Mining, Inc.	2.20192E+11
P24027	Alex Energy Inc	2.20153E+11
P22603	Marfork Coal Company, LLC	2.20132E+11
P24569	Rivers Edge Mining Inc	2.20033E+11
P23860	Kingston Mining, Inc.	2.20151E+11
P22603	Marfork Coal Company, LLC	2.20133E+11
P22603	Marfork Coal Company, LLC	2.20142E+11
P24184	Eastern Associated Coal LLC	2.20142E+11
P23225	Chief Mining, Inc.	2.2014E+11
0085645	Cliffs Logan County Coal, LLC	2.20143E+11
P24509	Highland Mining Company LLC	2.20131E+11
P24585	Blue Diamond Coal Company	2.20103E+11
P22905	North Fork Coal Corporation	2.20141E+11
P20657	Evans Coal Corp	2.20061E+11
P16149	Sidney Coal Company, LLC	2.20143E+11
0051027	Enterprise Mining Company, LLC	2.20123E+11
0105487	Consol Pennsylvania Coal Company LLC	2.20132E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20131E+11
0050885	Paramont Coal Company Virginia, LLC	2.20152E+11
0146274	Paramont Contura, LLC	2.20182E+11
0050885	Paramont Coal Company Virginia LLC	2.20124E+11
P23653	Mill Branch Coal Corp	2.20141E+11
0146274	Paramont Contura, LLC	2.20182E+11
P24184	Eastern Associated Coal LLC	2.20033E+11
0143073	The Harrison County Coal Company	2.20162E+11
P00812	Consolidation Coal Company	2.20031E+11
P18717	McElroy Coal Company	2.20153E+11
P20124	Long Branch Energy	2.20073E+11
P24593	Speed Mining, LLC	2.20093E+11
P24593	Speed Mining, LLC	2.20123E+11
P20655	Catenary Coal Company LLC	2.20023E+11
P22603	Marfork Coal Company Inc	2.20081E+11
P20124	Long Branch Energy	2.20112E+11
P23860	Kingston Mining, Inc.	2.20132E+11
P23860	Kingston Mining, Inc.	2.20132E+11
P19748	Terry Eagle Coal Company LLC	2.20032E+11
0141654	Kanawha Eagle Mining, LLC	2.20161E+11

P23210	Freedom Energy Mining Company	2.20131E+11
P22657	Consol of Kentucky Inc	2.20033E+11
0051027	Enterprise Mining Co LLC	2.20142E+11
0079344	Armstrong Coal Company, Inc.	2.20152E+11
P20223	Uae Coalcorp Associates	2.20023E+11
P24228	RoxCoal Inc	2.20051E+11
0144433	Buchanan Minerals, LLC	2.20221E+11
0050878	Dickenson-Russell Coal Co LLC	2.20151E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20121E+11
0146274	Paramont Contura, LLC	2.2019E+11
0050885	Paramont Coal Company Virginia LLC	2.20141E+11
0050885	Paramont Coal Company Virginia LLC	2.20153E+11
0146274	Paramont Contura, LLC	2.20201E+11
P21182	Cumberland River Coal LLC	2.20102E+11
0050885	Paramont Coal Company Virginia LLC	2.20111E+11
0143073	The Harrison County Coal Company	2.20162E+11
0173633	Harrison County Coal Resources, Inc.	2.20222E+11
0143173	The Ohio County Coal Company	2.20201E+11
P24184	Eastern Associated Coal LLC	2.20034E+11
P24184	Eastern Associated Coal LLC	2.20141E+11
0051509	Mystic LLC	2.20051E+11
P23860	Kingston Mining, Inc.	2.20173E+11
0146435	Nicholas Contura LLC	2.20232E+11
P21118	Aracoma Coal Company, LLC	2.20031E+11
P21118	Aracoma Coal Company, LLC	2.20153E+11
P22603	Marfork Coal Company, LLC	2.20173E+11
P22603	Marfork Coal Company, LLC	2.2019E+11
0077603	West Virginia Mine Power, Inc.	2.2012E+11
P23835	Mammoth Coal Co.	2.20182E+11
0141656	Blue Creek Mining, LLC	2.20162E+11
P23241	Oxbow Mining, LLC	2.20121E+11
P22905	North Fork Coal Corporation	2.20141E+11
P16149	Sidney Coal Company Inc	2.2014E+11
P24542	Perry County Coal, LLC.	2.20163E+11
0051027	Enterprise Mining Company, LLC	2.20132E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20141E+11
0144433	Buchanan Minerals, LLC	2.20231E+11
P23653	Mill Branch Coal Corp.	2.20152E+11
0050885	Paramont Coal Company Virginia LLC	2.20111E+11
0050885	Paramont Coal Company Virginia LLC	2.20142E+11
0146274	Paramont Contura, LLC	2.20182E+11
P23835	Spartan Mining Company, LLC	2.20171E+11
0051081	Brooks Run Mining Company LLC	2.20131E+11
P24179	Pine Ridge Coal Company LLC	2.20083E+11
P23860	Kingston Mining, Inc.	2.20144E+11
P23860	Kingston Mining, Inc.	2.20163E+11
0119069	Gateway Eagle Coal Company, LLC	2.20142E+11

0141654	Kanawha Eagle Mining, LLC	2.20163E+11
P23835	Spartan Mining Company, LLC	2.20183E+11
P22603	Marfork Coal Company, LLC	2.20141E+11
P22603	Marfork Coal Company, LLC	2.20163E+11
P22603	Marfork Coal Company Inc	2.20152E+11
P23835	Mammoth Coal Co.	2.20162E+11
0051081	Brooks Run Mining Company LLC	2.20152E+11
P23317	Bledsoe Coal Corp	2.20044E+11
P24542	Perry County Coal, LLC.	2.2015E+11
P24542	Perry County Coal, LLC.	2.20163E+11
P24542	Perry County Coal, LLC.	2.20153E+11
0051027	Enterprise Mining Company, LLC	2.20153E+11
P23791	Jeddo Coal Company	2.20053E+11
0144433	Buchanan Minerals, LLC	2.20182E+11
P10904	Dominion Coal Corporation	2.20094E+11
0050885	Paramont Coal Company Virginia, LLC	2.2012E+11
0050878	Dickenson-Russell Coal Co LLC	2.20072E+11
0146274	Paramont Contura, LLC	2.20212E+11
0143053	The Marion County Coal Company	2.20192E+11
0060463	Rockspring Development Inc	2.20161E+11
0060463	Rockspring Development Inc	2.20161E+11
P22485	Fola Coal Company LLC	2.20032E+11
P23860	Kingston Mining, Inc.	2.2015E+11
P19748	Terry Eagle Coal Company LLC	2.20032E+11
0081364	Brooks Run South Mining, LLC	2.20133E+11
P21118	Aracoma Coal Company, LLC	2.20201E+11
P23835	Spartan Mining Company, LLC	2.2016E+11
P22603	Marfork Coal Company, LLC	2.20132E+11
0070543	Brody Mining LLC	2.20133E+11
P23854	Peabody Midwest Mining, LLC	2.20091E+11
P21594	Lone Mountain Processing LLC	2.2008E+11
P23653	Mill Branch Coal Corp.	2.20152E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20141E+11
P01975	Humphreys Enterprises Inc	2.20152E+11
P12158	Old Dominion Energy, Inc.	2.20113E+11
P24184	Eastern Associated Coal LLC	2.20074E+11
0143013	The Marshall County Coal Company	2.20162E+11
0060463	Rockspring Development Inc	2.20161E+11
0081364	Brooks Run South Mining, LLC	2.20163E+11
P24179	Pine Ridge Coal Company LLC	2.20102E+11
P23860	Kingston Mining, Inc.	2.20152E+11
P24390	Rockhouse Creek Development LLC	2.20131E+11
P21118	Aracoma Coal Company, LLC	2.20191E+11
P24569	Rivers Edge Mining Inc	2.20081E+11
P23860	Kingston Mining, Inc.	2.20141E+11
0070543	Brody Mining LLC	2.20133E+11
P22603	Marfork Coal Company, LLC	2.20173E+11

0103985	Republic Energy LLC	2.2016E+11
0144515	Warrior Met Coal Mining, LLC	2.20172E+11
P22905	North Fork Coal Corporation	2.20141E+11
P16682	Red River Coal Company Inc	2.2012E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20143E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20153E+11
P23653	Mill Branch Coal Corp.	2.20142E+11
0050885	Paramont Coal Company Virginia LLC	2.20133E+11
0143073	The Harrison County Coal Company	2.20171E+11
0173653	Marion County Coal Resources, Inc.	2.20222E+11
P24184	Eastern Associated Coal LLC	2.20142E+11
0060463	Rockspring Development Inc	2.2016E+11
0067723	ICG Beckley LLC	2.20141E+11
0141673	Panther Creek Mining LLC	2.20203E+11
0086184	Black Castle Mining Company LLC	2.20192E+11
0081364	Brooks Run South Mining, LLC	2.20162E+11
P11051	Elk Run Coal Company, LLC	2.20152E+11
0060463	Rockspring Development Inc	2.20162E+11
0154153	Lexington Coal Company, LLC	2.20183E+11
P22603	Marfork Coal Company, LLC	2.20151E+11
P23860	Kingston Mining, Inc.	2.20163E+11
0081364	Brooks Run South Mining, LLC	2.20143E+11
P23635	Simmons Fork Mining, Inc.	2.20123E+11
P22603	Marfork Coal Company, LLC	2.20191E+11
P22603	Marfork Coal Company, LLC	2.20192E+11
P24184	Eastern Associated Coal LLC	2.20141E+11
P11051	Elk Run Coal Company, LLC	2.20151E+11
P11051	Elk Run Coal Company, LLC	2.2016E+11
0087704	Midland Trail Energy LLC	2.20142E+11
P24204	Mountain Coal Company, L.L.C.	2.20082E+11
0083144	Springfield Coal Company LLC	2.20073E+11
P24542	Perry County Coal, LLC.	2.20163E+11
0051027	Enterprise Mining Co LLC	2.20123E+11
0105487	Consol Pennsylvania Coal Company LLC	2.20132E+11
0050885	Paramont Coal Company Virginia, LLC	2.20143E+11
P23653	Mill Branch Coal Corp.	2.20141E+11
0050885	Paramont Coal Company Virginia LLC	2.2014E+11
P24184	Eastern Associated Coal LLC	2.20074E+11
P00812	Consolidation Coal Company	2.2005E+11
0143173	The Ohio County Coal Company	2.20191E+11
P18717	McElroy Coal Company	2.20093E+11
P00812	Consolidation Coal Company	2.20072E+11
0141673	Panther Creek Mining LLC	2.20212E+11
0081364	Brooks Run South Mining, LLC	2.20181E+11
P22603	Marfork Coal Company, LLC	2.20151E+11
P20124	Long Branch Energy	2.20033E+11
P11051	Elk Run Coal Company Inc	2.20132E+11

P19500	White Flame Energy, Inc		2.2014E+11
0081364	Brooks Run South Mining, LLC		2.20162E+11
P23835	Spartan Mining Company, LLC		2.20161E+11
0118488	Pocahontas Coal Company LLC		2.20212E+11
P18607	Apogee Coal Company LLC		2.2004E+11
P24390	Rockhouse Creek Development, LLC		2.20123E+11
P22603	Marfork Coal Company, LLC		2.20133E+11
P22603	Marfork Coal Company, LLC		2.20184E+11
P23835	Mammoth Coal Co.		2.2015E+11
P23835	Mammoth Coal Co.		2.20152E+11
P11051	Elk Run Coal Company, LLC		2.20162E+11
P22905	North Fork Coal Corporation		2.20142E+11
P24542	Perry County Coal, LLC.		2.20163E+11
P24542	Perry County Coal, LLC.		2.2017E+11
P00908	Martin County Coal Corp		2.20141E+11
0144433	Buchanan Minerals, LLC		2.20232E+11
0050878	Dickenson-Russell Coal Company, LLC		2.20161E+11
P10904	Dominion Coal Corporation		2.2013E+11
P10904	Dominion Coal Corporation		2.20072E+11
0050885	Paramont Coal Company Virginia LLC		2.20133E+11
0143053	The Marion County Coal Company		2.2019E+11
0143053	The Marion County Coal Company		2.20203E+11
P18717	McElroy Coal Company		2.20033E+11
P18717	McElroy Coal Company		2.20051E+11
P18717	McElroy Coal Company		2.20081E+11
0143013	The Marshall County Coal Company		2.20162E+11
0143013	The Marshall County Coal Company		2.20163E+11
0143013	The Marshall County Coal Company		2.20183E+11
P11051	Elk Run Coal Company, LLC		2.20201E+11
0119069	Gateway Eagle Coal Company, LLC		2.20141E+11
P22603	Marfork Coal Company, LLC		2.20172E+11
0051509	Mystic LLC		2.20042E+11
P20124	Long Branch Energy		2.20043E+11
0081364	Brooks Run South Mining, LLC		2.20132E+11
P21118	Aracoma Coal Company, LLC		2.20143E+11
P23835	Spartan Mining Company, LLC		2.20152E+11
0118488	Pocahontas Coal Company LLC		2.20192E+11
P23860	Kingston Mining, Inc.		2.20132E+11
P23072	Emerald Processing, LLC.		2.20153E+11
P21118	Aracoma Coal Company, LLC		2.20163E+11
P01155	Jim Walter Resources Inc	WFD	2.2004E+11
P16149	Solid Energy Mining Company		2.20143E+11
P16149	Sidney Coal Company LLC		2.20142E+11
P24238	Cumberland Coal Resources LP		2.20161E+11
0146275	Dickenson-Russell Contura, LLC		2.2019E+11
0050885	Paramont Coal Company Virginia, LLC		2.20132E+11
0050885	Paramont Coal Company Virginia, LLC		2.20123E+11

0050885	Paramont Coal Company Virginia LLC		2.20133E+11
0050885	Paramont Coal Company Virginia LLC		2.20153E+11
P24184	Eastern Associated Coal LLC		2.20052E+11
P00812	Consolidation Coal Company		2.20121E+11
P18717	McElroy Coal Company		2.20111E+11
P24179	Pine Ridge Coal Company LLC		2.20032E+11
P23835	Mammoth Coal Co.		2.20172E+11
0141673	Panther Creek Mining LLC		2.20191E+11
P24184	Eastern Associated Coal LLC		2.20141E+11
P23768	Anker West Virginia Mining Company Inc		2.20031E+11
P23860	Kingston Mining, Inc.		2.20143E+11
P23860	Kingston Mining, Inc.		2.20151E+11
P20124	Long Branch Energy		2.2003E+11
0081364	Brooks Run South Mining, LLC		2.20142E+11
P21118	Aracoma Coal Company, LLC		2.20181E+11
P23835	Spartan Mining Company, LLC		2.20162E+11
P23860	Kingston Mining, Inc.		2.20193E+11
P22603	Marfork Coal Company, LLC		2.2016E+11
P22603	Marfork Coal Company, LLC		2.20183E+11
0051081	Brooks Run Mining Company LLC		2.20143E+11
P23835	Spartan Mining Company, LLC		2.2022E+11
P24542	Perry County Coal, LLC.		2.20152E+11
P24542	Perry County Coal, LLC.		2.20162E+11
P24542	Perry County Coal, LLC.		2.20152E+11
P22905	North Fork Coal Corporation		2.20133E+11
P15965	Westmoreland San Juan Mining LLC		2.20132E+11
0050878	Dickenson-Russell Coal Co LLC		2.20151E+11
0050885	Paramont Coal Company Virginia, LLC		2.20142E+11
P23653	Mill Branch Coal Corp.		2.20132E+11
0146274	Paramont Contura, LLC		2.20213E+11
0146274	Paramont Contura, LLC		2.20212E+11
P21542	Banner Blue Coal Company		2.20181E+11
P24184	Eastern Associated Coal LLC		2.20033E+11
P00812	Consolidation Coal Company		2.20023E+11
0173653	Marion County Coal Resources, Inc.		2.20231E+11
0143013	The Marshall County Coal Company		2.20193E+11
P24184	Eastern Associated Coal LLC		2.20142E+11
P23835	Spartan Mining Company, LLC		2.20163E+11
P21654	Independence Coal Company Inc	A642	2.20031E+11
P24184	Eastern Associated Coal Corp		2.2004E+11
P19705	Premium Energy Inc		2.2003E+11
P21118	Aracoma Coal Company, LLC		2.20153E+11
P20124	Long Branch Energy		2.20032E+11
0118488	Pocahontas Coal Company LLC		2.20231E+11
0051081	Brooks Run Mining Company, LLC		2.20133E+11
P23241	Oxbow Mining, LLC		2.20032E+11
P16149	Clean Energy Mining Co.		2.20142E+11

P24542	Perry County Coal, LLC.	2.20143E+11
P16149	Sidney Coal Company, LLC	2.20132E+11
P00812	Consolidation Coal Company	2.2006E+11
0050878	Dickenson-Russell Coal Co LLC	2.20131E+11
0050878	Dickenson-Russell Coal Co LLC	2.20143E+11
P23653	Mill Branch Coal Corp	2.20142E+11
0050885	Paramont Coal Company Virginia LLC	2.20133E+11
0146274	Paramont Contura, LLC	2.2019E+11
0146274	Paramont Contura, LLC	2.20213E+11
0143073	The Harrison County Coal Company	2.2016E+11
0143073	The Harrison County Coal Company	2.20172E+11
0173653	Marion County Coal Resources, Inc.	2.20222E+11
0143013	The Marshall County Coal Company	2.2016E+11
0060463	Rockspring Development Inc	2.20162E+11
0081364	Brooks Run South Mining, LLC	2.20163E+11
P11051	Elk Run Coal Company, LLC	2.20141E+11
0065883	Premium Energy LLC	2.20131E+11
P23152	Laurel Creek Company Inc	2.20052E+11
0055797	Carter Roag Coal Company	2.20122E+11
P22603	Marfork Coal Company, LLC	2.20152E+11
P22603	Marfork Coal Company, LLC	2.20153E+11
P24373	Newtown Energy Inc	2.20131E+11
P21118	Aracoma Coal Company, LLC	2.20182E+11
P18607	Apogee Coal Company LLC	2.20113E+11
P22603	Marfork Coal Company, LLC	2.20183E+11
P22603	Marfork Coal Company, LLC	2.20192E+11
P08348	Black Butte Coal Company	2.20163E+11
P24332	Stillhouse Mining LLC	2.20132E+11
0051027	Enterprise Mining Company, LLC	2.20123E+11
0146275	Dickenson-Russell Contura, LLC	2.20211E+11
0050878	Dickenson-Russell Coal Co LLC	2.20142E+11
0050878	Dickenson-Russell Coal Co LLC	2.20144E+11
0050878	Dickenson-Russell Coal Co LLC	2.20143E+11
0100767	Blackjewel L.L.C.	2.20152E+11
P21542	Banner Blue Coal Company	2.20181E+11
P18717	McElroy Coal Company	2.20151E+11
0143013	The Marshall County Coal Company	2.20162E+11
0143013	The Marshall County Coal Company	2.20194E+11
P20124	Long Branch Energy	2.20081E+11
P23835	Spartan Mining Company, LLC	2.20143E+11
0060463	Rockspring Development Inc	2.20163E+11
P24179	Pine Ridge Coal Company LLC	2.20042E+11
P23460	White Buck Coal Company	2.20133E+11
P22603	Marfork Coal Company Inc	2.2013E+11
P23860	Kingston Mining, Inc.	2.20151E+11
0141654	Kanawha Eagle Mining, LLC	2.20161E+11
P11051	Elk Run Coal Company, LLC	2.20152E+11

0081364	Brooks Run South Mining, LLC		2.20163E+11
0081364	Brooks Run South Mining, LLC		2.20141E+11
P23835	Spartan Mining Company, LLC		2.20211E+11
P24204	Mountain Coal Company, L.L.C.		2.2008E+11
P24012	Excel Mining LLC		2.20092E+11
P16149	Sidney Coal Company, LLC		2.20142E+11
P00908	Martin County Coal		2.20143E+11
P21041	Blaschak Anthracite Corporation		2.20131E+11
0050878	Dickenson-Russell Coal Company, LLC		2.20132E+11
0050878	Dickenson-Russell Coal Co LLC		2.20131E+11
0050885	Paramont Coal Company Virginia, LLC		2.20151E+11
P22858	Dorchester Enterprises, Inc.		2.20141E+11
0146274	Paramont Contura, LLC		2.20191E+11
0050885	Paramont Coal Company Virginia, LLC		2.20153E+11
P21654	Independence Coal Company Inc	A642	2.20031E+11
0141673	Panther Creek Mining LLC		2.20202E+11
0051081	Birch River Energy, LLC		2.20162E+11
0081364	Brooks Run South Mining, LLC		2.20151E+11
0081364	Brooks Run South Mining, LLC		2.2018E+11
P20124	Long Branch Energy		2.20081E+11
P18091	Mystic Energy Incorporated		2.20023E+11
P20124	Long Branch Energy		2.20113E+11
0081364	Brooks Run South Mining, LLC		2.2015E+11
P24027	Alex Energy Inc		2.20152E+11
P21118	Aracoma Coal Company, LLC		2.20153E+11
P22603	Marfork Coal Company, LLC		2.20162E+11
P23860	Kingston Mining, Inc.		2.20213E+11
P22603	Marfork Coal Company, LLC		2.20142E+11
P22603	Marfork Coal Company, LLC		2.20081E+11
0141654	Kanawha Eagle Mining, LLC		2.20163E+11
0144515	Warrior Met Coal Mining, LLC		2.20172E+11
P17353	Drummond Company Inc		2.20033E+11
P21594	Lone Mountain Processing LLC		2.20132E+11
P22905	North Fork Coal Corporation		2.20151E+11
P24342	Cloverlick Coal Company LLC		2.20112E+11
P24542	Perry County Coal, LLC.		2.20073E+11
P24542	Perry County Coal, LLC.		2.20141E+11
P24542	Perry County Coal, LLC.		2.20141E+11
P16149	Sidney Coal Company, LLC		2.20141E+11
0050878	Dickenson-Russell Coal Company, LLC		2.20142E+11
0050885	Paramont Coal Company Virginia, LLC		2.2015E+11
P22914	Regent Allied Carbon Energy, Inc.		2.20122E+11
0050885	Paramont Coal Company Virginia, LLC.		2.20133E+11
0146274	Paramont Contura, LLC		2.20182E+11
0050885	Paramont Coal Company Virginia LLC		2.20153E+11
0143073	The Harrison County Coal Company		2.20162E+11
P06873	Hobet Mining Inc		2.20031E+11

P20124	Long Branch Energy	2.2008E+11
P24184	Eastern Associated Coal LLC	2.20071E+11
P11051	Elk Run Coal Company, LLC	2.20152E+11
0055797	Carter Roag Coal Company	2.20191E+11
P20124	Long Branch Energy	2.20102E+11
P23460	White Buck Coal Company	2.20133E+11
P23835	Spartan Mining Company, LLC	2.2017E+11
0051081	Brooks Run Mining Company LLC	2.20101E+11
P22603	Marfork Coal Company, LLC	2.20221E+11
P24184	Eastern Associated Coal LLC	2.20113E+11
P11051	Elk Run Coal Company, LLC	2.20161E+11
P21118	Aracoma Coal Company, LLC	2.20231E+11
P01155	Jim Walter Resources Inc	2.20132E+11
P21182	Cumberland River Coal Company	2.20093E+11
P21182	Cumberland River Coal LLC	2.20132E+11
0050878	Dickenson-Russell Coal Co LLC	2.20151E+11
0050885	Paramont Coal Company Virginia, LLC	2.20141E+11
P19736	Clintwood Elkhorn Mining	2.20143E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20131E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20141E+11
0143073	The Harrison County Coal Company	2.20172E+11
P18717	McElroy Coal Company	2.2003E+11
P18717	McElroy Coal Company	2.20033E+11
P18717	McElroy Coal Company	2.20052E+11
P24184	Eastern Associated Coal LLC	2.20032E+11
P24184	Eastern Associated Coal Corp	2.20023E+11
P23960	Bandmill Coal, LLC	2.20031E+11
P20655	Catenary Coal Company LLC	2.20151E+11
P24179	Pine Ridge Coal Company LLC	2.2004E+11
P23835	Mammoth Coal Co.	2.20162E+11
P20124	Long Branch Energy	2.20083E+11
P11051	Elk Run Coal Company, LLC	2.20141E+11
P22901	Performance Coal Company	2.20102E+11
P23860	Kingston Mining, Inc.	2.20142E+11
P21118	Aracoma Coal Company, LLC	2.20173E+11
P22603	Marfork Coal Company, LLC	2.20231E+11
0144515	Warrior Met Coal Mining, LLC	2.20182E+11
P22905	North Fork Coal Corporation	2.20143E+11
0166593	INMET Mining, LLC.	2.2022E+11
P21594	Lone Mountain Processing LLC	2.20093E+11
0097145	Alton Coal Development LLC	2.20163E+11
P00812	Consolidation Coal Company	2.20053E+11
0130894	CONSOL Buchanan Mining Company LLC	2.20142E+11
0050878	Dickenson-Russell Coal Co LLC	2.20143E+11
0050885	Paramont Coal Company Virginia, LLC	2.20152E+11
P23653	Mill Branch Coal Corp.	2.2013E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20153E+11

0100767	Blackjewel L.L.C.	2.20152E+11
0050885	Paramont Coal Company Virginia LLC	2.20161E+11
0143073	The Harrison County Coal Company	2.20172E+11
P00812	Consolidation Coal Company	2.20192E+11
0143013	The Marshall County Coal Company	2.2019E+11
P23768	Wolf Run Mining LLC	2.20141E+11
0081364	Brooks Run South Mining, LLC	2.20173E+11
P24193	Evergreen Mining Company	2.20042E+11
P20124	Long Branch Energy	2.20061E+11
P20124	Long Branch Energy	2.201E+11
P11051	Elk Run Coal Company Inc	2.20151E+11
0119069	Gateway Eagle Coal Company, LLC	2.20142E+11
0146435	Nicholas Contura LLC	2.20191E+11
P21118	Aracoma Coal Company, LLC	2.20204E+11
P23835	Spartan Mining Company, LLC	2.20163E+11
P23835	Spartan Mining Company, LLC	2.20173E+11
P22603	Marfork Coal Company, LLC	2.20181E+11
P23860	Kingston Mining, Inc.	2.2016E+11
0103985	Republic Energy LLC	2.20161E+11
0081364	Brooks Run South Mining, LLC	2.20161E+11
0051081	Brooks Run Mining Co., LLC	2.20131E+11
0081364	Brooks Run South Mining, LLC	2.20141E+11
0081364	Brooks Run South Mining, LLC	2.20143E+11
P21118	Aracoma Coal Company, LLC	2.20181E+11
P23835	Spartan Mining Company, LLC	2.20224E+11
P24354	Peabody Twentymile Mining LLC	2.20041E+11
P24542	Perry County Coal, LLC.	2.20151E+11
P00650	Luminant Mining Company LLC	2.20163E+11
0144433	Buchanan Minerals, LLC	2.20173E+11
0144433	Buchanan Minerals, LLC	2.20182E+11
0050885	Paramont Coal Company Virginia LLC	2.20132E+11
0050885	Paramont Coal Company Virginia LLC	2.20153E+11
0146274	Paramont Contura, LLC	2.20191E+11
P21542	Banner Blue Coal Company	2.20181E+11
P22554	Stirrat Coal Company LLC	2.20031E+11
P24184	Eastern Associated Coal LLC	2.20143E+11
P23835	Mammoth Coal Co.	2.20181E+11
P24390	Rockhouse Creek Development LLC	2.20123E+11
0050873	Little Eagle Coal Company LLC	2.20133E+11
P21118	Aracoma Coal Company, LLC	2.20163E+11
P23835	Spartan Mining Company, LLC	2.2021E+11
P03822	Rawl Sales & Processing Company	2.20142E+11
P22905	North Fork Coal Corporation	2.20141E+11
0146275	Dickenson-Russell Contura, LLC	2.20182E+11
0050885	Paramont Coal Company Virginia, LLC	2.20151E+11
0050885	Paramont Coal Company Virginia LLC	2.20161E+11
P24184	Eastern Associated Coal LLC	2.20071E+11

0143013	The Marshall County Coal Company		2.2016E+11
P24184	Eastern Associated Coal LLC		2.20141E+11
0060463	Rockspring Development Inc		2.20142E+11
0060463	Rockspring Development Inc		2.20163E+11
0141673	Panther Creek Mining LLC		2.20184E+11
P21654	Independence Coal Company Inc		2.20142E+11
P20124	Long Branch Energy		2.20103E+11
0051509	Mystic LLC		2.20052E+11
P20124	Long Branch Energy		2.20113E+11
P21118	Aracoma Coal Company, LLC		2.2015E+11
0087704	Midland Trail Energy LLC		2.20152E+11
0051081	Brooks Run Mining Comp, LLC		2.20131E+11
P24204	Mountain Coal Company, L.L.C.		2.20143E+11
P24208	Shamrock Coal Company Incorporated		2.2004E+11
0166593	INMET Mining, LLC.		2.2022E+11
P16149	Sidney Coal Company, LLC		2.20153E+11
0050885	Paramont Coal Company Virginia, LLC		2.20154E+11
P22914	Regent Allied Carbon Energy, Inc.		2.20121E+11
P23653	Mill Branch Coal Corp		2.2014E+11
P23653	Mill Branch Coal Corp		2.2014E+11
0050885	Paramont Coal Company Virginia, LLC.		2.20142E+11
0100767	Blackjewel L.L.C.		2.20152E+11
0050885	Paramont Coal Company Virginia LLC		2.20132E+11
0050885	Paramont Coal Company Virginia LLC		2.20142E+11
0146274	Paramont Contura, LLC		2.20221E+11
0143073	The Harrison County Coal Company		2.2016E+11
P00812	Consolidation Coal Company		2.20143E+11
0143053	The Marion County Coal Company		2.2018E+11
0173653	Marion County Coal Resources, Inc.		2.20213E+11
0143013	The Marshall County Coal Company		2.20173E+11
0060463	Rockspring Development Inc		2.20113E+11
0051081	Brooks Run Mining Company LLC		2.20134E+11
P22603	Marfork Coal Company, LLC		2.20152E+11
P20641	Extra Energy, Inc.		2.20191E+11
P19748	Terry Eagle Coal Company LLC		2.20031E+11
P21118	Aracoma Coal Company, LLC		2.20152E+11
0081364	Brooks Run South Mining, LLC		2.20161E+11
P20124	Long Branch Energy		2.20031E+11
0118488	Pocahontas Coal Company LLC		2.20191E+11
0103985	Republic Energy LLC		2.20231E+11
P02030	Bluestone Coal Corporation	M943	2.201E+11
P21118	Aracoma Coal Company, LLC		2.20173E+11
P24542	Perry County Coal, LLC.		2.20182E+11
0050885	Paramont Coal Company Virginia, LLC		2.20131E+11
P24353	Bluff Spur Coal Corporation		2.20113E+11
P23902	Knox Creek Coal Corporation		2.20162E+11
0050878	Dickenson-Russell Coal Co LLC		2.20133E+11

0050878	Dickenson-Russell Coal Co LLC		2.20143E+11
0050885	Paramont Coal Company Virginia, LLC		2.20161E+11
0146274	Paramont Contura, LLC		2.20182E+11
0146274	Paramont Contura, LLC		2.20181E+11
P00812	Consolidation Coal Company		2.20061E+11
P00812	Consolidation Coal Company		2.20151E+11
P18717	McElroy Coal Company		2.20051E+11
P24184	Eastern Associated Coal LLC		2.2003E+11
P20124	Long Branch Energy		2.20082E+11
0060463	Rockspring Development Inc		2.2016E+11
P19748	Terry Eagle Coal Company Llc		2.2007E+11
P23835	Mammoth Coal Co.		2.20181E+11
P24390	Rockhouse Creek Development LLC		2.20132E+11
P22603	Marfork Coal Company, LLC		2.20142E+11
P18091	Mystic Energy Incorporated		2.20032E+11
P23860	Kingston Mining, Inc.		2.20151E+11
0081364	Brooks Run South Mining, LLC		2.20153E+11
0118488	Pocahontas Coal Company LLC		2.20213E+11
P23860	Kingston Mining, Inc.		2.20213E+11
P18607	Apogee Coal Company LLC		2.20132E+11
P22603	Marfork Coal Company, LLC		2.20172E+11
P22603	Marfork Coal Company, LLC		2.20151E+11
P22603	Marfork Coal Company, LLC		2.20232E+11
P23835	Mammoth Coal Co.		2.20141E+11
P23072	Emerald Processing, LLC.		2.20141E+11
0087704	Midland Trail Energy LLC		2.20141E+11
0141656	Blue Creek Mining, LLC		2.202E+11
0129274	Greenbrier Minerals, LLC		2.2017E+11
P23835	Spartan Mining Company, LLC		2.20204E+11
0144515	Warrior Met Coal Mining, LLC		2.20172E+11
P24208	Shamrock Coal Company Incorporated		2.20062E+11
P21878	Long Fork Coal Company, LLC		2.20132E+11
P19831	McCoy Elkhorn Coal Corp.		2.20123E+11
P24542	Perry County Coal, LLC.		2.2008E+11
P24542	Perry County Coal, LLC.		2.20171E+11
P24542	Perry County Coal, LLC.		2.20173E+11
0120753	Tram Energy LLC		2.20133E+11
P23902	Knox Creek Coal Corporation		2.20153E+11
0050885	Paramont Coal Company Virginia, LLC		2.2015E+11
P23653	Mill Branch Coal Corp.		2.20132E+11
0143073	The Harrison County Coal Company		2.20202E+11
0143073	The Harrison County Coal Company		2.20171E+11
P00812	Consolidation Coal Company		2.20111E+11
P00812	Consolidation Coal Company		2.20142E+11
P21654	Independence Coal Company Inc	A642	2.20053E+11
0141673	Panther Creek Mining LLC		2.20221E+11
P20655	Catenary Coal Company LLC		2.20061E+11

0141654	Kanawha Eagle Mining, LLC		2.20182E+11
0118488	Pocahontas Coal Company, LLC		2.20221E+11
P24569	Rivers Edge Mining Inc		2.20042E+11
0081364	Brooks Run South Mining, LLC		2.20143E+11
0070543	Brody Mining LLC		2.20143E+11
P23835	Mammoth Coal Co.		2.20162E+11
0051510	Remington LLC		2.20142E+11
0081364	Brooks Run South Mining, LLC		2.2015E+11
0081364	Brooks Run South Mining, LLC		2.20151E+11
P21118	Aracoma Coal Company, LLC		2.20162E+11
P23835	Spartan Mining Company, LLC		2.20232E+11
P23241	Oxbow Mining, LLC		2.20031E+11
P24542	Perry County Coal, LLC.		2.20162E+11
P21594	Lone Mountain Processing LLC		2.2005E+11
0050885	Paramont Coal Company Virginia, LLC.		2.20133E+11
P00812	Consolidation Coal Company		2.20141E+11
P18607	Apogee Coal Company LLC	R725	2.20101E+11
P18717	McElroy Coal Company		2.20141E+11
0143013	The Marshall County Coal Company		2.20194E+11
P20124	Long Branch Energy		2.20061E+11
P20124	Long Branch Energy		2.20091E+11
0060463	Rockspring Development Inc		2.20133E+11
0060463	Rockspring Development Inc		2.20163E+11
P24184	Eastern Associated Coal LLC		2.20033E+11
0141673	Panther Creek Mining LLC		2.20203E+11
P11051	Elk Run Coal Company, LLC		2.20163E+11
0051510	Remington LLC		2.20033E+11
P21148	Mingo Logan Coal Company		2.20031E+11
P21118	Aracoma Coal Company, LLC		2.20161E+11
P23860	Kingston Mining, Inc.		2.20132E+11
0070543	Brody Mining LLC		2.20141E+11
P22603	Marfork Coal Company		2.2023E+11
0081364	Brooks Run South Mining, LLC		2.20141E+11
P21118	Aracoma Coal Company, LLC		2.20182E+11
P24585	Blue Diamond Coal Company		2.20053E+11
0055096	LCC Kentucky LLC		2.20052E+11
P16149	Sidney Coal Company Inc		2.20142E+11
P16149	Sidney Coal Company, LLC		2.20132E+11
P16149	Sidney Coal Company, LLC		2.2015E+11
0105487	Consol Pennsylvania Coal Company LLC		2.20132E+11
0050878	Dickenson-Russell Coal Company, LLC		2.20142E+11
0050878	Dickenson-Russell Coal Co LLC		2.20152E+11
0050885	Paramont Coal Company Virginia LLC		2.2015E+11
0146274	Paramont Contura, LLC		2.20201E+11
0050885	Paramont Coal Company Virginia LLC		2.20143E+11
P00812	Consolidation Coal Company		2.2003E+11
0173633	Harrison County Coal Resources, Inc.		2.20213E+11

0143013	The Marshall County Coal Company		2.20162E+11
0143013	The Marshall County Coal Company		2.20173E+11
P23835	Spartan Mining Company, LLC		2.2016E+11
0060463	Rockspring Development Inc		2.20163E+11
0119069	Gateway Eagle Coal Company, LLC		2.20143E+11
P22603	Marfork Coal Company, LLC		2.20151E+11
P24368	Patriot Coal Holdings I LLC	A642	2.2005E+11
P21118	Aracoma Coal Company, LLC		2.20132E+11
P22603	Marfork Coal Company, LLC		2.20132E+11
P24569	Rivers Edge Mining Inc		2.20033E+11
0081364	Brooks Run South Mining, LLC		2.2014E+11
0050644	Myjoy Coal LLC		2.20031E+11
P22905	North Fork Coal Corporation		2.20142E+11
P22905	North Fork Coal Corporation		2.20141E+11
P24542	Perry County Coal, LLC.		2.20152E+11
P24542	Perry County Coal, LLC.		2.20152E+11
0144433	Buchanan Minerals, LLC		2.20223E+11
0050878	Dickenson-Russell Coal Company, LLC		2.20032E+11
0050885	Paramont Coal Company Virginia, LLC.		2.20134E+11
P00812	Consolidation Coal Company		2.20143E+11
P00812	Consolidation Coal Company		2.20072E+11
0143013	The Marshall County Coal Company		2.2019E+11
P23835	Spartan Mining Company, LLC		2.2017E+11
P23768	Wolf Run Mining LLC		2.20171E+11
P06873	Hobet Mining Inc		2.20032E+11
0060463	Rockspring Development Inc		2.2016E+11
0141673	Panther Creek Mining LLC		2.20194E+11
P19126	Hampden Coal Company LLC		2.20131E+11
P22603	Marfork Coal Company, LLC		2.2014E+11
P22485	Fola Coal Company LLC		2.20071E+11
P23860	Kingston Mining, Inc.		2.20143E+11
P24044	Progress Coal		2.2014E+11
0051089	Kingwood Mining Company LLC		2.20031E+11
P23835	Spartan Mining Company, LLC		2.20181E+11
P24569	Rivers Edge Mining Inc		2.20041E+11
0051081	Brooks Run Mining Company LLC		2.20161E+11
P22603	Marfork Coal Company, LLC		2.20181E+11
P22603	Marfork Coal Company, LLC		2.20231E+11
0051081	Brooks Run Mining Company LLC		2.20162E+11
0051027	Enterprise Mining Company LLC		2.20143E+11
P24332	Stillhouse Mining LLC		2.20142E+11
P22421	Island Creek Coal Company		2.2004E+11
0144433	Buchanan Minerals, LLC		2.2023E+11
P10904	Dominion Coal Corporation		2.20141E+11
P23653	Mill Branch Coal Corp.		2.20143E+11
0050885	Paramont Coal Company Virginia LLC		2.20133E+11
0050885	Paramont Coal Company Virginia, LLC		2.20154E+11

0050885	Paramont Coal Company Virginia, LLC	2.20161E+11
P00812	Consolidation Coal Company	2.20062E+11
0143053	The Marion County Coal Company	2.2017E+11
0143053	The Marion County Coal Company	2.20202E+11
P00812	Consolidation Coal Company	2.20032E+11
P18717	McElroy Coal Company	2.20082E+11
0143013	The Marshall County Coal Company	2.20172E+11
0060463	Rockspring Development Inc	2.2016E+11
0086184	Black Castle Mining Company LLC	2.20171E+11
0051081	Brooks Run Mining Company LLC	2.20153E+11
P22603	Marfork Coal Company, LLC	2.20171E+11
P22485	Fola Coal Company LLC	2.20132E+11
P11051	Elk Run Coal Company, LLC	2.20163E+11
P21654	Independence Coal Company LLC	2.20152E+11
P23835	Spartan Mining Company, LLC	2.20143E+11
P23835	Spartan Mining Company, LLC	2.20192E+11
0118488	Pocahontas Coal Company LLC	2.20182E+11
P23860	Kingston Mining, Inc.	2.20152E+11
0081364	Brooks Run South Mining, LLC	2.20141E+11
P24354	Peabody Twentymile Mining LLC	2.20081E+11
P24509	Highland Mining Company LLC	2.20032E+11
0051027	Enterprise Mining Company LLC	2.20123E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20143E+11
0050878	Dickenson-Russell Coal Co LLC	2.20141E+11
0050885	Paramont Coal Company Virginia LLC	2.20132E+11
0143073	The Harrison County Coal Company	2.20162E+11
0143073	The Harrison County Coal Company	2.20193E+11
0143053	The Marion County Coal Company	2.20171E+11
P18717	McElroy Coal Company	2.20033E+11
P24184	Eastern Associated Coal LLC	2.20032E+11
P20124	Long Branch Energy	2.20083E+11
0060463	Rockspring Development Inc	2.20163E+11
P24593	Speed Mining, LLC	2.20134E+11
0051081	Brooks Run Mining Company LLC	2.2009E+11
P21654	Independence Coal Co. LLC	2.20151E+11
P20124	Long Branch Energy	2.20043E+11
0070543	Brody Mining LLC	2.20142E+11
P22603	Marfork Coal Company, LLC	2.20161E+11
P22603	Marfork Coal Company, LLC	2.20151E+11
0129274	Greenbrier Minerals, LLC	2.20161E+11
P11051	Elk Run Coal Company, LLC	2.20162E+11
0141656	Blue Creek Mining LLC	2.20181E+11
0051081	Brooks Run Mining Company, LLC	2.2014E+11
P21118	Aracoma Coal Company, LLC	2.20162E+11
0050923	XMV, Inc.	2.20193E+11
P22603	Marfork Coal Company, LLC	2.20231E+11
P24542	Perry County Coal, LLC.	2.20141E+11

P21594	Lone Mountain Processing LLC	2.20071E+11
0050878	Dickenson-Russell Coal Co LLC	2.20161E+11
0050885	Paramont Coal Company Virginia, LLC	2.2015E+11
P23653	Mill Branch Coal Corp	2.20131E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20121E+11
0050885	Paramont Coal Company Virginia LLC	2.20161E+11
0050885	Paramont Coal Company Virginia LLC	2.20153E+11
0146274	Paramont Contura, LLC	2.20182E+11
0050885	Paramont Coal Company Virginia LLC	2.20161E+11
0050885	Paramont Coal Company Virginia, LLC	2.20161E+11
P24184	Eastern Associated Coal LLC	2.20072E+11
P00812	Consolidation Coal Company	2.2007E+11
0143173	The Ohio County Coal Company	2.20183E+11
0173534	Ohio County Coal Resources, Inc.	2.20232E+11
0051081	Brooks Run Mining Company LLC	2.20111E+11
P20655	Catenary Coal Company LLC	2.20142E+11
P20124	Long Branch Energy	2.20043E+11
0051509	Mystic LLC	2.20042E+11
P23860	Kingston Mining, Inc.	2.20152E+11
P23860	Kingston Mining, Inc.	2.2019E+11
P20124	Long Branch Energy	2.20073E+11
0081364	Brooks Run South Mining, LLC	2.20152E+11
0090665	Rhino Eastern LLC	2.2014E+11
P21118	Aracoma Coal Company, LLC	2.20192E+11
P21118	Aracoma Coal Company, LLC	2.20193E+11
0081364	Brooks Run South Mining, LLC	2.20153E+11
P24377	Highland Mining Company	2.20143E+11
0118488	Pocahontas Coal Company LLC	2.20221E+11
P24569	Rivers Edge Mining Inc	2.20082E+11
P23460	White Buck Coal Company	2.20132E+11
P23835	Spartan Mining Company, LLC	2.20231E+11
P19736	Clintwood Elkhorn Mining LLC	2.20152E+11
P24332	Stillhouse Mining LLC	2.20122E+11
P22905	North Fork Coal Corporation	2.20133E+11
0166593	INMET Mining, LLC.	2.2022E+11
0112765	Castle Valley Mining LLC	2.20163E+11
0144433	Buchanan Minerals, LLC	2.20231E+11
0050885	Paramont Coal Company Virginia, LLC	2.20151E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20133E+11
0050885	Paramont Coal Company Virginia LLC	2.20153E+11
P18717	McElroy Coal Company	2.20053E+11
0143013	The Marshall County Coal Company	2.2018E+11
P20124	Long Branch Energy	2.20081E+11
P22978	Rockspring Development Inc	2.20042E+11
0060463	Rockspring Development Inc	2.20163E+11
P11051	Elk Run Coal Company Inc	2.20142E+11
P23860	Kingston Mining, Inc.	2.20144E+11

P20124	Long Branch Energy	2.20032E+11
P21654	Independence Coal Company Inc	2.2016E+11
0051089	Kingwood Mining Company LLC	2.20033E+11
P21118	Aracoma Coal Company, LLC	2.20141E+11
0077603	West Virginia Mine Power, Inc	2.2012E+11
P22603	Marfork Coal Company, LLC	2.20161E+11
P11051	Elk Run Coal Company, LLC	2.20141E+11
P11051	Elk Run Coal Company, LLC	2.20141E+11
P21118	Aracoma Coal Company, LLC	2.20143E+11
P23835	Spartan Mining Company, LLC	2.2022E+11
P16149	Sidney Coal Company Inc	2.2015E+11
P24542	Perry County Coal, LLC.	2.20161E+11
P16149	Sidney Coal Company, LLC	2.20142E+11
P23653	Mill Branch Coal Corp	2.20133E+11
0050885	Paramont Coal Company Virginia LLC	2.20153E+11
0119069	Gateway Eagle Coal Company, LLC	2.20142E+11
P23835	Spartan Mining Company, LLC	2.20152E+11
P20124	Long Branch Energy	2.20082E+11
0141673	Panther Creek Mining LLC	2.20232E+11
P24184	Eastern Associated Coal LLC	2.2009E+11
P11051	Elk Run Coal Company, LLC	2.20151E+11
0065883	Premium Energy LLC	2.20142E+11
0065883	Premium Energy LLC	2.20151E+11
0081364	Brooks Run South Mining, LLC	2.20142E+11
0141654	Kanawha Eagle Mining, LLC	2.20161E+11
P24027	Alex Energy Inc	2.20153E+11
0081364	Brooks Run South Mining, LLC	2.20152E+11
P23904	Pioneer Fuel Corporation	2.20143E+11
P22603	Marfork Coal Company, LLC	2.20133E+11
P23835	Spartan Mining Company, LLC	2.20231E+11
P24204	Mountain Coal Company, L.L.C.	2.20041E+11
P22905	North Fork Coal Corporation	2.20123E+11
P23684	Canyon Fuel Company LLC	2.20082E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20131E+11
0050885	Paramont Coal Company Virginia, LLC	2.20152E+11
P23653	Mill Branch Coal Corp.	2.2014E+11
0050885	Paramont Coal Company Virginia, LLC.	2.2013E+11
P23653	Mill Branch Coal Corp	2.2014E+11
0050885	Paramont Coal Company Virginia LLC	2.20152E+11
0050885	Paramont Coal Company Virginia LLC	2.20123E+11
P00812	Consolidation Coal Company	2.2003E+11
P00812	Consolidation Coal Company	2.20032E+11
P00812	Consolidation Coal Company	2.20151E+11
P18717	McElroy Coal Company	2.20023E+11
P20124	Long Branch Energy	2.20091E+11
0060463	Rockspring Development Inc	2.20164E+11
P22918	Goals Coal Company	2.20172E+11

P21654	Independence Coal Company Inc		2.20142E+11
P24179	Pine Ridge Coal Company LLC		2.20041E+11
P20124	Long Branch Energy		2.20043E+11
P23860	Kingston Mining, Inc.		2.20082E+11
P23835	Spartan Mining Company, LLC		2.2018E+11
P24569	Rivers Edge Mining Inc		2.20032E+11
P22603	Marfork Coal Company, LLC		2.20132E+11
0103985	Republic Energy LLC		2.20152E+11
0070543	Brody Mining LLC		2.20133E+11
0129274	Greenbrier Minerals, LLC		2.20182E+11
P24542	Perry County Coal, LLC.		2.20162E+11
0144433	Buchanan Minerals, LLC		2.20231E+11
0144433	Buchanan Minerals, LLC		2.20232E+11
0050885	Paramont Coal Company Virginia, LLC	A642	2.2004E+11
0146275	Dickenson-Russell Contura, LLC		2.20202E+11
0050878	Dickenson-Russell Coal Co LLC		2.20153E+11
P23653	Mill Branch Coal Corp.		2.20134E+11
P23653	Mill Branch Coal Corp.		2.20141E+11
P20251	Jarisa, Inc.		2.20161E+11
0050885	Paramont Coal Company Virginia LLC		2.20143E+11
0146274	Paramont Contura, LLC		2.20181E+11
P24184	Eastern Associated Coal LLC		2.20033E+11
P00812	Consolidation Coal Company		2.20151E+11
0173633	Harrison County Coal Resources, Inc.		2.20212E+11
P00812	Consolidation Coal Company		2.20033E+11
0143173	The Ohio County Coal Company		2.20212E+11
0143013	The Marshall County Coal Company		2.2017E+11
P24179	Pine Ridge Coal Company LLC		2.20031E+11
P20124	Long Branch Energy		2.2008E+11
P24593	Speed Mining, LLC		2.20031E+11
0086184	Black Castle Mining Company, LLC		2.20192E+11
P24193	Evergreen Mining Company		2.20031E+11
P22603	Marfork Coal Company Inc		2.20081E+11
0081364	Brooks Run South Mining, LLC		2.2016E+11
P21118	Aracoma Coal Company, LLC		2.20142E+11
P21118	Aracoma Coal Company, LLC		2.20153E+11
P23835	Spartan Mining Company, LLC		2.20132E+11
P18607	Apogee Coal Company LLC		2.2013E+11
P22603	Marfork Coal Company, LLC		2.20151E+11
0077603	West Virginia Mine Power, Inc.		2.2012E+11
0087704	Midland Trail Energy LLC		2.20141E+11
0052652	Bowie Resources LLC		2.2008E+11
P24542	Perry County Coal, LLC.		2.20182E+11
P00908	Martin County Coal Corp		2.20144E+11
0105487	Consol Pennsylvania Coal Company LLC		2.20151E+11
P00812	Consolidation Coal Company		2.20063E+11
0130894	CONSOL Buchanan Mining Company LLC		2.20142E+11

0050885	Paramont Coal Company Virginia, LLC	2.20112E+11
0050885	Paramont Coal Company Virginia, LLC	2.2015E+11
0050885	Paramont Coal Company Virginia, LLC	2.20151E+11
0050885	Paramont Coal Company Virginia LLC	2.2014E+11
0050885	Paramont Coal Company Virginia LLC	2.20133E+11
0146274	Paramont Contura, LLC	2.2023E+11
P00812	Consolidation Coal Company	2.20093E+11
0143073	The Harrison County Coal Company	2.2017E+11
P00812	Consolidation Coal Company	2.20042E+11
0051081	Birch River Energy, LLC	2.20133E+11
P20655	Catenary Coal Company LLC	2.20081E+11
P19748	Terry Eagle Coal Company Llc	2.2007E+11
P20124	Long Branch Energy	2.20034E+11
P21654	Independence Coal Company LLC	2.20152E+11
P22603	Marfork Coal Company, LLC	2.20203E+11
0051081	Brooks Run Mining Company LLC	2.20162E+11
P23072	Emerald Processing, LLC.	2.20142E+11
P22603	Marfork Coal Company, LLC	2.20132E+11
0103985	Republic Energy LLC	2.2017E+11
P11051	Elk Run Coal Company, LLC	2.20162E+11
0085645	Cliffs Logan County Coal, LLC	2.20143E+11
0141654	Kanawha Eagle Mining, LLC	2.2016E+11
0103985	Republic Energy LLC	2.20212E+11
P23854	Peabody Midwest Mining, LLC	2.20121E+11
P23317	Bledsoe Coal Corp	2.20103E+11
P21594	Lone Mountain Processing LLC	2.2005E+11
P24332	Stillhouse Mining, LLC	2.20141E+11
0051027	Enterprise Mining Company, LLC	2.20142E+11
0051027	Enterprise Mining Co LLC	2.20141E+11
0105487	Consol Pennsylvania Coal Company LLC	2.20143E+11
P21167	Energy West Mining Company	2.20141E+11
P22421	Island Creek Coal Company	2.20042E+11
0130894	CONSOL Buchanan Mining Company LLC	2.20141E+11
0050878	Dickenson-Russell Coal Co LLC	2.20143E+11
0050878	Dickenson-Russell Coal Co LLC	2.20151E+11
0050885	Paramont Coal Company Virginia, LLC	2.20124E+11
0050885	Paramont Coal Company Virginia, LLC	2.20152E+11
P00812	Consolidation Coal Company	2.2011E+11
0143053	The Marion County Coal Company	2.20181E+11
P18717	McElroy Coal Company	2.20023E+11
0143013	The Marshall County Coal Company	2.20181E+11
P24184	Eastern Associated Coal LLC	2.20031E+11
P24184	Eastern Associated Coal LLC	2.20142E+11
P19748	Terry Eagle Coal Company LLC	2.2007E+11
P24179	Pine Ridge Coal Company LLC	2.20032E+11
P20124	Long Branch Energy	2.20063E+11
0060463	Rockspring Development Inc	2.20073E+11

P24135	Delbarton Mining Company, LLC	2.20161E+11
P20124	Long Branch Energy	2.20091E+11
P22603	Marfork Coal Company, LLC	2.20132E+11
P19500	White Flame Energy, Inc	2.20133E+11
P23835	Spartan Mining Company, LLC	2.20152E+11
0118488	Pocahontas Coal Company LLC	2.20192E+11
P23860	Kingston Mining, Inc.	2.20161E+11
P23860	Kingston Mining, Inc.	2.2023E+11
0081364	Brooks Run South Mining, LLC	2.20153E+11
0051081	Brooks Run Mining Company LLC	2.20162E+11
P23835	Spartan Mining Company, LLC	2.2023E+11
P23854	Peabody Midwest Mining, LLC	2.20023E+11
P22905	North Fork Coal Corporation	2.20141E+11
P24575	Powell Mountain Coal Co., Inc.	2.20073E+11
P24542	Perry County Coal, LLC.	2.20152E+11
0051027	Enterprise Mining Co LLC	2.20113E+11
P23653	Mill Branch Coal Corp	2.20141E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20131E+11
0050878	Dickenson-Russell Coal Co LLC	2.2015E+11
0050885	Paramont Coal Company Virginia, LLC	2.2012E+11
P24184	Eastern Associated Coal LLC	2.20041E+11
P00812	Consolidation Coal Company	2.20151E+11
0143013	The Marshall County Coal Company	2.20163E+11
0143013	The Marshall County Coal Company	2.20191E+11
P23835	Mammoth Coal Co.	2.20161E+11
0060463	Rockspring Development Inc	2.2016E+11
0141673	Panther Creek Mining LLC	2.20191E+11
0081364	Brooks Run South Mining, LLC	2.20141E+11
P23960	Bandmill Coal, LLC	2.20031E+11
P20124	Long Branch Energy	2.20034E+11
0050873	Little Eagle Coal Company LLC	2.2007E+11
0116765	Glen Alum Operations, LLC	2.20141E+11
P23072	Emerald Processing, LLC.	2.20141E+11
P22603	Marfork Coal Company, LLC	2.2017E+11
0070543	Brody Mining LLC	2.20142E+11
P22603	Marfork Coal Company, LLC	2.20161E+11
P23460	White Buck Coal Company	2.20132E+11
0050878	Dickenson-Russell Coal Company, LLC	2.20132E+11
0050878	Dickenson-Russell Coal Company, LLC	2.2014E+11
0158253	CBS Energy, Inc.	2.20212E+11
P22375	Big Laurel Mining Corporation	2.20142E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20133E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20141E+11
0050885	Paramont Coal Company Virginia, LLC.	2.20142E+11
0143073	The Harrison County Coal Company	2.20161E+11
0143053	The Marion County Coal Company	2.20191E+11
P22918	Goals Coal Company	2.20153E+11

P11051	Elk Run Coal Company, LLC	2.20162E+11
P20655	Catenary Coal Company LLC	2.20031E+11
P21654	Independence Coal Company Inc	2.20141E+11
P22603	Marfork Coal Company Inc	2.20131E+11
P20124	Long Branch Energy	2.2009E+11
P21118	Aracoma Coal Company, LLC	2.20161E+11
P21118	Aracoma Coal Company, LLC	2.20172E+11
P23835	Spartan Mining Company, LLC	2.20132E+11
P24569	Rivers Edge Mining Inc	2.20062E+11
0051081	Brooks Run Mining Company LLC	2.20132E+11
P11051	Elk Run Coal Company, LLC	2.20161E+11
0141656	Blue Creek Mining, LLC	2.20181E+11
0129274	Greenbrier Minerals, LLC	2.20161E+11
0051081	Brooks Run Mining Company LLC	2.20152E+11
0051081	Brooks Run Mining Company LLC	2.20153E+11
P23835	Spartan Mining Company, LLC	2.20232E+11

SUBUNIT_CD	SUBUNIT	ACCIDENT_DT	CAL_YR	CAL_QTR
1	UNDERGROUND	4/24/2015	2015	2
1	UNDERGROUND	10/6/2006	2006	4
1	UNDERGROUND	4/28/2014	2014	2
1	UNDERGROUND	1/24/2014	2014	1
1	UNDERGROUND	3/27/2013	2013	1
30	MILL OPERATION/PREPARATION PLANT	9/30/2003	2003	3
30	MILL OPERATION/PREPARATION PLANT	9/18/2014	2014	3
30	MILL OPERATION/PREPARATION PLANT	9/13/2004	2004	3
1	UNDERGROUND	4/19/2013	2013	2
1	UNDERGROUND	2/11/2009	2009	1
1	UNDERGROUND	4/16/2015	2015	2
1	UNDERGROUND	10/21/2011	2011	4
1	UNDERGROUND	1/27/2015	2015	1
1	UNDERGROUND	11/27/2012	2012	4
1	UNDERGROUND	5/21/2018	2018	2
2	SURFACE AT UNDERGROUND	8/21/2015	2015	3
1	UNDERGROUND	4/6/2016	2016	2
1	UNDERGROUND	8/21/2017	2017	3
1	UNDERGROUND	10/31/2002	2002	4
30	MILL OPERATION/PREPARATION PLANT	1/17/2014	2014	1
1	UNDERGROUND	1/9/2003	2003	1
1	UNDERGROUND	4/15/2003	2003	2
1	UNDERGROUND	9/19/2005	2005	3
1	UNDERGROUND	8/13/2012	2012	3
3	STRIP, QUARY, OPEN PIT	7/31/2003	2003	3
1	UNDERGROUND	4/13/2016	2016	2
1	UNDERGROUND	1/27/2013	2013	1
1	UNDERGROUND	1/17/2014	2014	1
3	STRIP, QUARY, OPEN PIT	8/31/2012	2012	3
1	UNDERGROUND	4/24/2019	2019	2
1	UNDERGROUND	2/2/2012	2012	1
1	UNDERGROUND	5/19/2021	2021	2
1	UNDERGROUND	11/2/2015	2015	4
1	UNDERGROUND	2/14/2003	2003	1
1	UNDERGROUND	6/27/2013	2013	2
1	UNDERGROUND	6/30/2015	2015	2
1	UNDERGROUND	10/31/2016	2016	4
1	UNDERGROUND	9/24/2015	2015	3
1	UNDERGROUND	8/22/2014	2014	3
3	STRIP, QUARY, OPEN PIT	1/9/2014	2014	1
1	UNDERGROUND	5/29/2015	2015	2
1	UNDERGROUND	7/7/2015	2015	3
1	UNDERGROUND	2/24/2003	2003	1
1	UNDERGROUND	2/7/2003	2003	1
1	UNDERGROUND	9/9/2013	2013	3
1	UNDERGROUND	4/29/2018	2018	2

1	UNDERGROUND	5/17/2023	2023	2
1	UNDERGROUND	11/19/2002	2002	4
1	UNDERGROUND	7/23/2014	2014	3
1	UNDERGROUND	3/6/2012	2012	1
30	MILL OPERATION/PREPARATION PLANT	2/1/2016	2016	1
1	UNDERGROUND	11/1/2004	2004	4
1	UNDERGROUND	6/19/2009	2009	2
1	UNDERGROUND	8/31/2015	2015	3
1	UNDERGROUND	10/28/2013	2013	4
1	UNDERGROUND	5/8/2015	2015	2
1	UNDERGROUND	7/29/2013	2013	3
3	STRIP, QUARY, OPEN PIT	4/29/2009	2009	2
1	UNDERGROUND	6/11/2009	2009	2
1	UNDERGROUND	4/9/2007	2007	2
3	STRIP, QUARY, OPEN PIT	4/11/2013	2013	2
1	UNDERGROUND	2/21/2022	2022	1
1	UNDERGROUND	9/6/2017	2017	3
1	UNDERGROUND	9/15/2013	2013	3
1	UNDERGROUND	7/27/2014	2014	3
1	UNDERGROUND	2/25/2014	2014	1
1	UNDERGROUND	1/27/2014	2014	1
30	MILL OPERATION/PREPARATION PLANT	6/24/2015	2015	2
1	UNDERGROUND	8/29/2013	2013	3
1	UNDERGROUND	2/28/2013	2013	1
1	UNDERGROUND	3/18/2013	2013	1
1	UNDERGROUND	10/2/2014	2014	4
1	UNDERGROUND	2/17/2015	2015	1
1	UNDERGROUND	10/2/2016	2016	4
1	UNDERGROUND	7/2/2014	2014	3
1	UNDERGROUND	2/7/2018	2018	1
1	UNDERGROUND	8/11/2004	2004	3
30	MILL OPERATION/PREPARATION PLANT	5/27/2014	2014	2
30	MILL OPERATION/PREPARATION PLANT	8/11/2015	2015	3
1	UNDERGROUND	6/8/2016	2016	2
1	UNDERGROUND	8/6/2020	2020	3
3	STRIP, QUARY, OPEN PIT	5/15/2003	2003	2
1	UNDERGROUND	1/3/2013	2013	1
1	UNDERGROUND	1/21/2011	2011	1
1	UNDERGROUND	8/6/2012	2012	3
1	UNDERGROUND	12/2/2015	2015	4
1	UNDERGROUND	9/9/2016	2016	3
1	UNDERGROUND	1/25/2019	2019	1
1	UNDERGROUND	3/22/2007	2007	1
1	UNDERGROUND	5/20/2014	2014	2
1	UNDERGROUND	1/3/2017	2017	1
1	UNDERGROUND	5/7/2009	2009	2
1	UNDERGROUND	11/25/2015	2015	4

1	UNDERGROUND	11/26/2013	2013	4
30	MILL OPERATION/PREPARATION PLANT	6/24/2015	2015	2
30	MILL OPERATION/PREPARATION PLANT	4/13/2016	2016	2
1	UNDERGROUND	11/3/2014	2014	4
1	UNDERGROUND	12/31/2014	2014	4
1	UNDERGROUND	6/24/2014	2014	2
1	UNDERGROUND	9/16/2014	2014	3
1	UNDERGROUND	2/21/2022	2022	1
1	UNDERGROUND	1/10/2005	2005	1
1	UNDERGROUND	4/19/2016	2016	2
30	MILL OPERATION/PREPARATION PLANT	6/24/2013	2013	2
1	UNDERGROUND	1/15/2010	2010	1
1	UNDERGROUND	4/7/2015	2015	2
1	UNDERGROUND	1/12/2005	2005	1
1	UNDERGROUND	7/1/2014	2014	3
1	UNDERGROUND	10/18/2016	2016	4
1	UNDERGROUND	6/19/2008	2008	2
1	UNDERGROUND	8/8/2014	2014	3
1	UNDERGROUND	8/12/2016	2016	3
1	UNDERGROUND	4/28/2017	2017	2
3	STRIP, QUARY, OPEN PIT	1/1/2013	2013	1
1	UNDERGROUND	8/21/2013	2013	3
1	UNDERGROUND	8/15/2018	2018	3
1	UNDERGROUND	5/13/2015	2015	2
1	UNDERGROUND	3/2/2011	2011	1
1	UNDERGROUND	10/8/2003	2003	4
1	UNDERGROUND	5/15/2015	2015	2
3	STRIP, QUARY, OPEN PIT	5/21/2018	2018	2
1	UNDERGROUND	3/15/2012	2012	1
1	UNDERGROUND	11/24/2015	2015	4
1	UNDERGROUND	9/25/2009	2009	3
30	MILL OPERATION/PREPARATION PLANT	12/7/2017	2017	4
1	UNDERGROUND	7/23/2013	2013	3
1	UNDERGROUND	2/5/2014	2014	1
1	UNDERGROUND	2/5/2015	2015	1
1	UNDERGROUND	12/4/2020	2020	4
1	UNDERGROUND	8/23/2016	2016	3
1	UNDERGROUND	5/2/2017	2017	2
1	UNDERGROUND	1/25/2017	2017	1
1	UNDERGROUND	4/2/2012	2012	2
1	UNDERGROUND	6/13/2003	2003	2
3	STRIP, QUARY, OPEN PIT	6/18/2012	2012	2
30	MILL OPERATION/PREPARATION PLANT	12/30/2021	2021	4
1	UNDERGROUND	7/5/2012	2012	3
1	UNDERGROUND	5/16/2014	2014	2
1	UNDERGROUND	8/27/2004	2004	3
1	UNDERGROUND	5/14/2010	2010	2

1	UNDERGROUND	11/11/2013	2013	4
2	SURFACE AT UNDERGROUND	7/18/2012	2012	3
1	UNDERGROUND	5/10/2013	2013	2
1	UNDERGROUND	8/7/2015	2015	3
1	UNDERGROUND	10/30/2015	2015	4
1	UNDERGROUND	6/16/2016	2016	2
1	UNDERGROUND	3/10/2009	2009	1
1	UNDERGROUND	10/1/2014	2014	4
3	STRIP, QUARY, OPEN PIT	10/30/2006	2006	4
1	UNDERGROUND	5/28/2008	2008	2
1	UNDERGROUND	9/12/2017	2017	3
1	UNDERGROUND	2/15/2013	2013	1
1	UNDERGROUND	6/24/2013	2013	2
1	UNDERGROUND	10/20/2008	2008	4
1	UNDERGROUND	8/22/2013	2013	3
3	STRIP, QUARY, OPEN PIT	4/17/2014	2014	2
1	UNDERGROUND	6/15/2009	2009	2
30	MILL OPERATION/PREPARATION PLANT	8/23/2022	2022	3
1	UNDERGROUND	5/1/2015	2015	2
1	UNDERGROUND	6/11/2014	2014	2
1	UNDERGROUND	10/13/2014	2014	4
1	UNDERGROUND	5/15/2018	2018	2
1	UNDERGROUND	7/1/2021	2021	3
1	UNDERGROUND	9/26/2012	2012	3
1	UNDERGROUND	5/5/2015	2015	2
1	UNDERGROUND	3/13/2015	2015	1
1	UNDERGROUND	2/25/2011	2011	1
30	MILL OPERATION/PREPARATION PLANT	9/23/2014	2014	3
1	UNDERGROUND	6/20/2014	2014	2
1	UNDERGROUND	8/22/2019	2019	3
3	STRIP, QUARY, OPEN PIT	8/15/2013	2013	3
1	UNDERGROUND	7/22/2013	2013	3
3	STRIP, QUARY, OPEN PIT	8/29/2016	2016	3
1	UNDERGROUND	4/1/2014	2014	2
1	UNDERGROUND	10/7/2014	2014	4
1	UNDERGROUND	9/5/2007	2007	3
1	UNDERGROUND	11/6/2014	2014	4
1	UNDERGROUND	4/9/2013	2013	2
1	UNDERGROUND	12/10/2012	2012	4
1	UNDERGROUND	6/23/2017	2017	2
1	UNDERGROUND	4/28/2005	2005	2
1	UNDERGROUND	5/16/2018	2018	2
1	UNDERGROUND	12/9/2016	2016	4
30	MILL OPERATION/PREPARATION PLANT	2/18/2003	2003	1
1	UNDERGROUND	7/28/2008	2008	3
1	UNDERGROUND	6/6/2016	2016	2
1	UNDERGROUND	3/30/2007	2007	1

3	STRIP, QUARY, OPEN PIT	3/10/2003	2003	1
3	STRIP, QUARY, OPEN PIT	5/6/2011	2011	2
1	UNDERGROUND	5/24/2016	2016	2
3	STRIP, QUARY, OPEN PIT	1/28/2016	2016	1
1	UNDERGROUND	2/5/2014	2014	1
1	UNDERGROUND	1/13/2022	2022	1
1	UNDERGROUND	2/5/2014	2014	1
1	UNDERGROUND	1/30/2023	2023	1
1	UNDERGROUND	10/1/2007	2007	4
1	UNDERGROUND	10/23/2014	2014	4
1	UNDERGROUND	6/26/2013	2013	2
1	UNDERGROUND	3/22/2016	2016	1
1	UNDERGROUND	5/4/2010	2010	2
1	UNDERGROUND	5/3/2013	2013	2
1	UNDERGROUND	1/15/2016	2016	1
1	UNDERGROUND	7/13/2022	2022	3
1	UNDERGROUND	1/15/2010	2010	1
1	UNDERGROUND	10/8/2002	2002	4
1	UNDERGROUND	5/19/2017	2017	2
30	MILL OPERATION/PREPARATION PLANT	9/16/2004	2004	3
1	UNDERGROUND	1/18/2016	2016	1
1	UNDERGROUND	4/19/2016	2016	2
3	STRIP, QUARY, OPEN PIT	1/24/2015	2015	1
1	UNDERGROUND	1/17/2012	2012	1
1	UNDERGROUND	4/23/2021	2021	2
1	UNDERGROUND	3/7/2013	2013	1
1	UNDERGROUND	11/14/2016	2016	4
1	UNDERGROUND	10/31/2005	2005	4
1	UNDERGROUND	12/3/2018	2018	4
1	UNDERGROUND	7/29/2019	2019	3
1	UNDERGROUND	9/20/2013	2013	3
30	MILL OPERATION/PREPARATION PLANT	2/1/2016	2016	1
1	UNDERGROUND	11/13/2013	2013	4
1	UNDERGROUND	9/5/2007	2007	3
1	UNDERGROUND	3/12/2014	2014	1
1	UNDERGROUND	12/7/2015	2015	4
3	STRIP, QUARY, OPEN PIT	4/20/2012	2012	2
3	STRIP, QUARY, OPEN PIT	6/20/2014	2014	2
3	STRIP, QUARY, OPEN PIT	6/17/2021	2021	2
1	UNDERGROUND	10/28/2011	2011	4
1	UNDERGROUND	5/15/2009	2009	2
1	UNDERGROUND	10/1/2013	2013	4
1	UNDERGROUND	3/3/2003	2003	1
1	UNDERGROUND	12/2/2015	2015	4
1	UNDERGROUND	4/9/2019	2019	2
1	UNDERGROUND	7/21/2009	2009	3
1	UNDERGROUND	5/18/2016	2016	2

1	UNDERGROUND	4/6/2016	2016	2
3	STRIP, QUARY, OPEN PIT	4/13/2016	2016	2
1	UNDERGROUND	5/28/2003	2003	2
1	UNDERGROUND	11/2/2010	2010	4
1	UNDERGROUND	5/15/2014	2014	2
30	MILL OPERATION/PREPARATION PLANT	10/17/2014	2014	4
1	UNDERGROUND	12/13/2022	2022	4
1	UNDERGROUND	2/12/2005	2005	1
1	UNDERGROUND	8/13/2014	2014	3
1	UNDERGROUND	7/7/2015	2015	3
1	UNDERGROUND	5/9/2011	2011	2
1	UNDERGROUND	12/7/2022	2022	4
1	UNDERGROUND	8/11/2017	2017	3
1	UNDERGROUND	7/20/2018	2018	3
1	UNDERGROUND	8/29/2015	2015	3
1	UNDERGROUND	9/24/2003	2003	3
1	UNDERGROUND	9/21/2016	2016	3
30	MILL OPERATION/PREPARATION PLANT	3/18/2014	2014	1
3	STRIP, QUARY, OPEN PIT	4/10/2005	2005	2
1	UNDERGROUND	3/10/2014	2014	1
1	UNDERGROUND	12/10/2014	2014	4
30	MILL OPERATION/PREPARATION PLANT	5/2/2003	2003	2
1	UNDERGROUND	12/27/2002	2002	4
1	UNDERGROUND	6/2/2004	2004	2
1	UNDERGROUND	1/7/2021	2021	1
3	STRIP, QUARY, OPEN PIT	8/22/2016	2016	3
1	UNDERGROUND	5/30/2013	2013	2
1	UNDERGROUND	6/18/2014	2014	2
1	UNDERGROUND	8/27/2013	2013	3
1	UNDERGROUND	6/4/2016	2016	2
1	UNDERGROUND	2/23/2016	2016	1
1	UNDERGROUND	11/11/2003	2003	4
1	UNDERGROUND	2/1/2013	2013	1
1	UNDERGROUND	3/31/2008	2008	1
1	UNDERGROUND	1/14/2013	2013	1
1	UNDERGROUND	9/22/2014	2014	3
1	UNDERGROUND	3/20/2014	2014	1
3	STRIP, QUARY, OPEN PIT	4/9/2013	2013	2
1	UNDERGROUND	4/13/2020	2020	2
1	UNDERGROUND	10/27/2014	2014	4
30	MILL OPERATION/PREPARATION PLANT	10/25/2016	2016	4
1	UNDERGROUND	3/15/2017	2017	1
1	UNDERGROUND	8/20/2009	2009	3
1	UNDERGROUND	9/26/2018	2018	3
1	UNDERGROUND	7/6/2012	2012	3
1	UNDERGROUND	2/20/2008	2008	1
30	MILL OPERATION/PREPARATION PLANT	1/17/2014	2014	1

1	UNDERGROUND	3/3/2003	2003	1
30	MILL OPERATION/PREPARATION PLANT	2/13/2019	2019	1
1	UNDERGROUND	4/3/2017	2017	2
3	STRIP, QUARY, OPEN PIT	8/30/2013	2013	3
2	SURFACE AT UNDERGROUND	1/4/2019	2019	1
2	SURFACE AT UNDERGROUND	3/26/2013	2013	1
1	UNDERGROUND	6/24/2014	2014	2
1	UNDERGROUND	4/4/2016	2016	2
1	UNDERGROUND	4/8/2021	2021	2
1	UNDERGROUND	8/23/2019	2019	3
3	STRIP, QUARY, OPEN PIT	9/28/2015	2015	3
1	UNDERGROUND	10/18/2016	2016	4
1	UNDERGROUND	10/4/2015	2015	4
30	MILL OPERATION/PREPARATION PLANT	4/21/2013	2013	2
1	UNDERGROUND	1/2/2017	2017	1
1	UNDERGROUND	6/2/2015	2015	2
3	STRIP, QUARY, OPEN PIT	4/29/2019	2019	2
1	UNDERGROUND	9/29/2003	2003	3
1	UNDERGROUND	2/20/2003	2003	1
1	UNDERGROUND	1/6/2011	2011	1
1	UNDERGROUND	2/11/2017	2017	1
30	MILL OPERATION/PREPARATION PLANT	2/16/2016	2016	1
30	MILL OPERATION/PREPARATION PLANT	4/11/2016	2016	2
1	UNDERGROUND	5/2/2011	2011	2
1	UNDERGROUND	7/15/2016	2016	3
30	MILL OPERATION/PREPARATION PLANT	3/25/2013	2013	1
1	UNDERGROUND	7/19/2004	2004	3
1	UNDERGROUND	7/14/2008	2008	3
2	SURFACE AT UNDERGROUND	8/25/2015	2015	3
1	UNDERGROUND	2/13/2013	2013	1
1	UNDERGROUND	12/7/2016	2016	4
1	UNDERGROUND	10/28/2015	2015	4
1	UNDERGROUND	8/2/2022	2022	3
1	UNDERGROUND	6/4/2013	2013	2
1	UNDERGROUND	11/10/2015	2015	4
1	UNDERGROUND	10/18/2022	2022	4
1	UNDERGROUND	6/20/2022	2022	2
30	MILL OPERATION/PREPARATION PLANT	3/29/2016	2016	1
1	UNDERGROUND	3/5/2013	2013	1
1	UNDERGROUND	5/18/2012	2012	2
1	UNDERGROUND	6/30/2006	2006	2
1	UNDERGROUND	10/20/2015	2015	4
1	UNDERGROUND	10/17/2007	2007	4
1	UNDERGROUND	8/11/2016	2016	3
1	UNDERGROUND	3/8/2018	2018	1
1	UNDERGROUND	4/28/2003	2003	2
1	UNDERGROUND	3/18/2013	2013	1

30	MILL OPERATION/PREPARATION PLANT	3/20/2014	2014	1
1	UNDERGROUND	5/2/2014	2014	2
30	MILL OPERATION/PREPARATION PLANT	2/12/2015	2015	1
1	UNDERGROUND	2/1/2015	2015	1
1	UNDERGROUND	1/24/2019	2019	1
1	UNDERGROUND	12/30/2002	2002	4
1	UNDERGROUND	1/9/2019	2019	1
1	UNDERGROUND	8/5/2022	2022	3
3	STRIP, QUARY, OPEN PIT	10/7/2010	2010	4
3	STRIP, QUARY, OPEN PIT	12/21/2011	2011	4
2	SURFACE AT UNDERGROUND	7/25/2014	2014	3
1	UNDERGROUND	5/15/2013	2013	2
1	UNDERGROUND	12/2/2010	2010	4
1	UNDERGROUND	9/1/2015	2015	3
30	MILL OPERATION/PREPARATION PLANT	1/18/2012	2012	1
2	SURFACE AT UNDERGROUND	11/13/2013	2013	4
1	UNDERGROUND	10/14/2021	2021	4
30	MILL OPERATION/PREPARATION PLANT	6/2/2016	2016	2
1	UNDERGROUND	1/22/2015	2015	1
1	UNDERGROUND	5/4/2016	2016	2
1	UNDERGROUND	10/9/2013	2013	4
1	UNDERGROUND	1/30/2015	2015	1
1	UNDERGROUND	8/22/2014	2014	3
1	UNDERGROUND	5/31/2012	2012	2
1	UNDERGROUND	6/24/2015	2015	2
1	UNDERGROUND	7/18/2018	2018	3
1	UNDERGROUND	10/22/2016	2016	4
1	UNDERGROUND	9/9/2010	2010	3
1	UNDERGROUND	5/11/2015	2015	2
1	UNDERGROUND	5/20/2016	2016	2
1	UNDERGROUND	5/16/2003	2003	2
1	UNDERGROUND	4/18/2014	2014	2
30	MILL OPERATION/PREPARATION PLANT	7/19/2013	2013	3
1	UNDERGROUND	3/23/2016	2016	1
1	UNDERGROUND	2/25/2003	2003	1
1	UNDERGROUND	5/28/2004	2004	2
1	UNDERGROUND	3/23/2015	2015	1
1	UNDERGROUND	2/7/2018	2018	1
1	UNDERGROUND	10/7/2020	2020	4
1	UNDERGROUND	11/30/2016	2016	4
1	UNDERGROUND	6/21/2019	2019	2
1	UNDERGROUND	8/24/2010	2010	3
1	UNDERGROUND	2/14/2013	2013	1
1	UNDERGROUND	10/22/2018	2018	4
1	UNDERGROUND	11/21/2013	2013	4
3	STRIP, QUARY, OPEN PIT	11/16/2015	2015	4
1	UNDERGROUND	4/23/2014	2014	2

1	UNDERGROUND	1/7/2016	2016	1
1	UNDERGROUND	10/1/2007	2007	4
2	SURFACE AT UNDERGROUND	1/8/2016	2016	1
1	UNDERGROUND	8/17/2016	2016	3
1	UNDERGROUND	11/21/2014	2014	4
2	SURFACE AT UNDERGROUND	10/28/2019	2019	4
1	UNDERGROUND	8/29/2014	2014	3
2	SURFACE AT UNDERGROUND	11/3/2014	2014	4
3	STRIP, QUARY, OPEN PIT	4/27/2016	2016	2
1	UNDERGROUND	7/4/2013	2013	3
1	UNDERGROUND	6/6/2006	2006	2
1	UNDERGROUND	10/24/2008	2008	4
30	MILL OPERATION/PREPARATION PLANT	9/19/2003	2003	3
1	UNDERGROUND	10/1/2018	2018	4
1	UNDERGROUND	11/7/2013	2013	4
1	UNDERGROUND	9/29/2016	2016	3
1	UNDERGROUND	9/9/2014	2014	3
1	UNDERGROUND	8/28/2006	2006	3
1	UNDERGROUND	2/20/2013	2013	1
30	MILL OPERATION/PREPARATION PLANT	12/9/2009	2009	4
1	UNDERGROUND	5/27/2016	2016	2
1	UNDERGROUND	3/25/2013	2013	1
1	UNDERGROUND	4/20/2015	2015	2
1	UNDERGROUND	6/21/2013	2013	2
1	UNDERGROUND	11/7/2002	2002	4
30	MILL OPERATION/PREPARATION PLANT	6/9/2003	2003	2
3	STRIP, QUARY, OPEN PIT	7/27/2007	2007	3
1	UNDERGROUND	5/11/2015	2015	2
1	UNDERGROUND	3/21/2016	2016	1
1	UNDERGROUND	2/9/2015	2015	1
1	UNDERGROUND	6/28/2010	2010	2
3	STRIP, QUARY, OPEN PIT	12/11/2014	2014	4
2	SURFACE AT UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	2/14/2020	2020	1
1	UNDERGROUND	2/20/2020	2020	1
1	UNDERGROUND	4/28/2005	2005	2
1	UNDERGROUND	10/30/2003	2003	4
1	UNDERGROUND	6/25/2004	2004	2
1	UNDERGROUND	2/10/2009	2009	1
1	UNDERGROUND	1/18/2007	2007	1
3	STRIP, QUARY, OPEN PIT	5/7/2003	2003	2
1	UNDERGROUND	6/23/2006	2006	2
1	UNDERGROUND	1/2/2014	2014	1
1	UNDERGROUND	2/5/2019	2019	1
1	UNDERGROUND	6/10/2003	2003	2
1	UNDERGROUND	12/30/2002	2002	4
1	UNDERGROUND	10/30/2014	2014	4

1	UNDERGROUND	12/1/2014	2014	4
1	UNDERGROUND	1/25/2019	2019	1
1	UNDERGROUND	11/5/2007	2007	4
1	UNDERGROUND	2/28/2019	2019	1
1	UNDERGROUND	12/17/2018	2018	4
1	UNDERGROUND	4/21/2014	2014	2
1	UNDERGROUND	7/16/2015	2015	3
1	UNDERGROUND	9/28/2012	2012	3
1	UNDERGROUND	6/21/2016	2016	2
30	MILL OPERATION/PREPARATION PLANT	10/3/2022	2022	4
1	UNDERGROUND	4/16/2013	2013	2
1	UNDERGROUND	2/12/2013	2013	1
1	UNDERGROUND	12/24/2013	2013	4
3	STRIP, QUARY, OPEN PIT	7/7/2014	2014	3
1	UNDERGROUND	6/29/2011	2011	2
1	UNDERGROUND	6/28/2013	2013	2
1	UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	12/17/2020	2020	4
1	UNDERGROUND	9/2/2021	2021	3
30	MILL OPERATION/PREPARATION PLANT	5/24/2016	2016	2
1	UNDERGROUND	7/9/2015	2015	3
3	STRIP, QUARY, OPEN PIT	5/20/2003	2003	2
1	UNDERGROUND	5/18/2004	2004	2
1	UNDERGROUND	6/4/2013	2013	2
1	UNDERGROUND	1/29/2015	2015	1
1	UNDERGROUND	3/27/2015	2015	1
1	UNDERGROUND	7/25/2003	2003	3
1	UNDERGROUND	8/26/2003	2003	3
1	UNDERGROUND	1/6/2004	2004	1
3	STRIP, QUARY, OPEN PIT	11/1/2016	2016	4
1	UNDERGROUND	5/25/2006	2006	2
1	UNDERGROUND	8/1/2014	2014	3
1	UNDERGROUND	10/15/2014	2014	4
1	UNDERGROUND	7/9/2013	2013	3
1	UNDERGROUND	2/11/2012	2012	1
1	UNDERGROUND	4/14/2022	2022	2
1	UNDERGROUND	5/24/2018	2018	2
1	UNDERGROUND	3/30/2023	2023	1
1	UNDERGROUND	12/16/2013	2013	4
1	UNDERGROUND	4/3/2017	2017	2
30	MILL OPERATION/PREPARATION PLANT	9/23/2014	2014	3
1	UNDERGROUND	1/17/2007	2007	1
1	UNDERGROUND	2/15/2016	2016	1
1	UNDERGROUND	10/22/2019	2019	4
1	UNDERGROUND	8/8/2016	2016	3
30	MILL OPERATION/PREPARATION PLANT	4/8/2008	2008	2
2	SURFACE AT UNDERGROUND	4/4/2008	2008	2

1	UNDERGROUND	7/1/2014	2014	3
3	STRIP, QUARY, OPEN PIT	3/7/2003	2003	1
1	UNDERGROUND	3/15/2007	2007	1
1	UNDERGROUND	2/24/2017	2017	1
1	UNDERGROUND	6/21/2019	2019	2
1	UNDERGROUND	4/3/2019	2019	2
1	UNDERGROUND	7/2/2013	2013	3
1	UNDERGROUND	4/8/2010	2010	2
1	UNDERGROUND	4/20/2011	2011	2
1	UNDERGROUND	8/7/2014	2014	3
1	UNDERGROUND	2/23/2016	2016	1
2	SURFACE AT UNDERGROUND	6/12/2015	2015	2
1	UNDERGROUND	11/19/2015	2015	4
3	STRIP, QUARY, OPEN PIT	10/23/2012	2012	4
1	UNDERGROUND	5/19/2014	2014	2
1	UNDERGROUND	4/26/2018	2018	2
1	UNDERGROUND	8/21/2013	2013	3
30	MILL OPERATION/PREPARATION PLANT	1/24/2007	2007	1
1	UNDERGROUND	11/1/2013	2013	4
1	UNDERGROUND	6/11/2014	2014	2
1	UNDERGROUND	7/24/2015	2015	3
1	UNDERGROUND	10/11/2016	2016	4
1	UNDERGROUND	8/2/2023	2023	3
1	UNDERGROUND	11/16/2007	2007	4
1	UNDERGROUND	3/5/2003	2003	1
1	UNDERGROUND	1/30/2017	2017	1
1	UNDERGROUND	7/15/2010	2010	3
1	UNDERGROUND	10/22/2008	2008	4
1	UNDERGROUND	10/25/2010	2010	4
2	SURFACE AT UNDERGROUND	6/15/2016	2016	2
1	UNDERGROUND	11/4/2015	2015	4
1	UNDERGROUND	2/9/2016	2016	1
3	STRIP, QUARY, OPEN PIT	4/27/2007	2007	2
1	UNDERGROUND	4/5/2013	2013	2
1	UNDERGROUND	6/21/2017	2017	2
1	UNDERGROUND	1/10/2013	2013	1
1	UNDERGROUND	12/4/2017	2017	4
1	UNDERGROUND	4/18/2023	2023	2
1	UNDERGROUND	3/25/2004	2004	1
1	UNDERGROUND	9/26/2016	2016	3
1	UNDERGROUND	9/13/2013	2013	3
3	STRIP, QUARY, OPEN PIT	11/10/2013	2013	4
1	UNDERGROUND	6/24/2015	2015	2
1	UNDERGROUND	3/18/2014	2014	1
1	UNDERGROUND	5/27/2015	2015	2
1	UNDERGROUND	12/6/2013	2013	4
1	UNDERGROUND	7/28/2015	2015	3

1	UNDERGROUND	7/14/2020	2020	3
1	UNDERGROUND	7/30/2018	2018	3
1	UNDERGROUND	3/8/2004	2004	1
1	UNDERGROUND	4/20/2020	2020	2
3	STRIP, QUARY, OPEN PIT	4/24/2003	2003	2
1	UNDERGROUND	3/19/2003	2003	1
1	UNDERGROUND	1/27/2015	2015	1
1	UNDERGROUND	12/17/2015	2015	4
1	UNDERGROUND	11/7/2002	2002	4
1	UNDERGROUND	1/21/2004	2004	1
1	UNDERGROUND	9/5/2017	2017	3
1	UNDERGROUND	10/18/2013	2013	4
1	UNDERGROUND	9/21/2020	2020	3
2	SURFACE AT UNDERGROUND	3/29/2004	2004	1
1	UNDERGROUND	8/23/2007	2007	3
1	UNDERGROUND	6/19/2012	2012	2
1	UNDERGROUND	8/17/2007	2007	3
1	UNDERGROUND	5/12/2009	2009	2
1	UNDERGROUND	9/9/2014	2014	3
30	MILL OPERATION/PREPARATION PLANT	9/29/2014	2014	3
1	UNDERGROUND	9/18/2014	2014	3
1	UNDERGROUND	7/23/2013	2013	3
1	UNDERGROUND	4/19/2022	2022	2
1	UNDERGROUND	4/27/2020	2020	2
1	UNDERGROUND	1/26/2017	2017	1
1	UNDERGROUND	4/6/2016	2016	2
1	UNDERGROUND	9/15/2020	2020	3
1	UNDERGROUND	2/25/2015	2015	1
1	UNDERGROUND	2/10/2014	2014	1
1	UNDERGROUND	10/13/2016	2016	4
3	STRIP, QUARY, OPEN PIT	6/24/2005	2005	2
1	UNDERGROUND	6/5/2003	2003	2
1	UNDERGROUND	7/27/2017	2017	3
3	STRIP, QUARY, OPEN PIT	6/4/2013	2013	2
1	UNDERGROUND	7/30/2018	2018	3
1	UNDERGROUND	2/3/2015	2015	1
1	UNDERGROUND	1/29/2008	2008	1
1	UNDERGROUND	7/13/2018	2018	3
1	UNDERGROUND	7/9/2014	2014	3
1	UNDERGROUND	6/8/2021	2021	2
1	UNDERGROUND	10/22/2021	2021	4
3	STRIP, QUARY, OPEN PIT	2/15/2006	2006	1
1	UNDERGROUND	3/2/2005	2005	1
1	UNDERGROUND	9/29/2015	2015	3
1	UNDERGROUND	6/2/2005	2005	2
30	MILL OPERATION/PREPARATION PLANT	11/18/2014	2014	4
1	UNDERGROUND	10/30/2015	2015	4

1	UNDERGROUND	8/8/2014	2014	3
1	UNDERGROUND	9/4/2014	2014	3
1	UNDERGROUND	2/6/2014	2014	1
1	UNDERGROUND	12/11/2015	2015	4
1	UNDERGROUND	4/18/2016	2016	2
3	STRIP, QUARY, OPEN PIT	6/24/2015	2015	2
1	UNDERGROUND	5/1/2015	2015	2
1	UNDERGROUND	2/29/2016	2016	1
1	UNDERGROUND	7/23/2020	2020	3
1	UNDERGROUND	2/18/2016	2016	1
30	MILL OPERATION/PREPARATION PLANT	9/12/2018	2018	3
1	UNDERGROUND	1/23/2004	2004	1
1	UNDERGROUND	5/15/2017	2017	2
1	UNDERGROUND	2/16/2004	2004	1
1	UNDERGROUND	6/3/2013	2013	2
1	UNDERGROUND	3/17/2003	2003	1
1	UNDERGROUND	8/10/2009	2009	3
1	UNDERGROUND	8/5/2013	2013	3
3	STRIP, QUARY, OPEN PIT	2/1/2016	2016	1
1	UNDERGROUND	11/5/2014	2014	4
1	UNDERGROUND	1/22/2019	2019	1
1	UNDERGROUND	3/11/2003	2003	1
1	UNDERGROUND	11/29/2010	2010	4
1	UNDERGROUND	10/22/2014	2014	4
1	UNDERGROUND	1/18/2023	2023	1
30	MILL OPERATION/PREPARATION PLANT	5/14/2013	2013	2
1	UNDERGROUND	10/1/2013	2013	4
1	UNDERGROUND	3/20/2015	2015	1
1	UNDERGROUND	1/17/2018	2018	1
1	UNDERGROUND	9/27/2003	2003	3
1	UNDERGROUND	8/25/2003	2003	3
1	UNDERGROUND	12/6/2017	2017	4
1	UNDERGROUND	7/21/2017	2017	3
3	STRIP, QUARY, OPEN PIT	2/13/2007	2007	1
1	UNDERGROUND	11/6/2012	2012	4
1	UNDERGROUND	6/18/2014	2014	2
1	UNDERGROUND	4/28/2020	2020	2
1	UNDERGROUND	2/1/2016	2016	1
1	UNDERGROUND	9/18/2012	2012	3
3	STRIP, QUARY, OPEN PIT	2/20/2014	2014	1
1	UNDERGROUND	11/21/2012	2012	4
2	SURFACE AT UNDERGROUND	3/2/2012	2012	1
3	STRIP, QUARY, OPEN PIT	8/2/2012	2012	3
1	UNDERGROUND	10/16/2014	2014	4
1	UNDERGROUND	6/12/2015	2015	2
1	UNDERGROUND	11/11/2013	2013	4
1	UNDERGROUND	6/11/2013	2013	2

1	UNDERGROUND	4/9/2014	2014	2
1	UNDERGROUND	6/11/2003	2003	2
2	SURFACE AT UNDERGROUND	10/2/2008	2008	4
1	UNDERGROUND	5/19/2017	2017	2
1	UNDERGROUND	4/19/2016	2016	2
3	STRIP, QUARY, OPEN PIT	4/26/2007	2007	2
1	UNDERGROUND	3/26/2014	2014	1
1	UNDERGROUND	7/15/2016	2016	3
1	UNDERGROUND	5/22/2013	2013	2
1	UNDERGROUND	2/10/2015	2015	1
1	UNDERGROUND	1/29/2016	2016	1
1	UNDERGROUND	10/22/2019	2019	4
1	UNDERGROUND	2/17/2014	2014	1
1	UNDERGROUND	10/16/2009	2009	4
3	STRIP, QUARY, OPEN PIT	11/2/2021	2021	4
30	MILL OPERATION/PREPARATION PLANT	2/1/2011	2011	1
1	UNDERGROUND	9/30/2013	2013	3
1	UNDERGROUND	10/31/2016	2016	4
30	MILL OPERATION/PREPARATION PLANT	11/19/2010	2010	4
1	UNDERGROUND	7/17/2014	2014	3
1	UNDERGROUND	9/2/2014	2014	3
1	UNDERGROUND	4/24/2004	2004	2
1	UNDERGROUND	11/4/2016	2016	4
1	UNDERGROUND	11/13/2014	2014	4
1	UNDERGROUND	10/18/2016	2016	4
1	UNDERGROUND	8/28/2003	2003	3
1	UNDERGROUND	1/22/2010	2010	1
1	UNDERGROUND	2/11/2005	2005	1
1	UNDERGROUND	4/5/2013	2013	2
1	UNDERGROUND	1/1/2012	2012	1
1	UNDERGROUND	10/8/2002	2002	4
1	UNDERGROUND	4/14/2015	2015	2
1	UNDERGROUND	7/26/2015	2015	3
1	UNDERGROUND	1/28/2019	2019	1
3	STRIP, QUARY, OPEN PIT	8/23/2013	2013	3
1	UNDERGROUND	3/28/2014	2014	1
1	UNDERGROUND	6/4/2016	2016	2
1	UNDERGROUND	7/28/2003	2003	3
1	UNDERGROUND	4/14/2012	2012	2
1	UNDERGROUND	8/24/2011	2011	3
1	UNDERGROUND	2/16/2016	2016	1
1	UNDERGROUND	10/19/2016	2016	4
1	UNDERGROUND	12/1/2009	2009	4
1	UNDERGROUND	10/3/2013	2013	4
1	UNDERGROUND	1/15/2013	2013	1
1	UNDERGROUND	12/6/2013	2013	4
1	UNDERGROUND	7/19/2017	2017	3

1	UNDERGROUND	4/3/2017	2017	2
1	UNDERGROUND	9/22/2006	2006	3
1	UNDERGROUND	9/5/2019	2019	3
30	MILL OPERATION/PREPARATION PLANT	6/4/2021	2021	2
1	UNDERGROUND	3/8/2004	2004	1
1	UNDERGROUND	7/28/2004	2004	3
3	STRIP, QUARY, OPEN PIT	4/15/2013	2013	2
1	UNDERGROUND	6/5/2010	2010	2
1	UNDERGROUND	2/9/2005	2005	1
1	UNDERGROUND	12/17/2019	2019	4
1	UNDERGROUND	7/31/2003	2003	3
1	UNDERGROUND	10/8/2003	2003	4
1	UNDERGROUND	12/17/2020	2020	4
1	UNDERGROUND	2/8/2003	2003	1
1	UNDERGROUND	12/3/2019	2019	4
1	UNDERGROUND	7/17/2011	2011	3
1	UNDERGROUND	6/6/2003	2003	2
1	UNDERGROUND	3/21/2007	2007	1
1	UNDERGROUND	7/13/2015	2015	3
1	UNDERGROUND	3/22/2013	2013	1
1	UNDERGROUND	9/15/2015	2015	3
1	UNDERGROUND	3/9/2015	2015	1
3	STRIP, QUARY, OPEN PIT	4/9/2014	2014	2
3	STRIP, QUARY, OPEN PIT	1/8/2019	2019	1
1	UNDERGROUND	1/5/2021	2021	1
1	UNDERGROUND	12/19/2016	2016	4
30	MILL OPERATION/PREPARATION PLANT	3/24/2003	2003	1
30	MILL OPERATION/PREPARATION PLANT	3/26/2015	2015	1
3	STRIP, QUARY, OPEN PIT	4/15/2005	2005	2
1	UNDERGROUND	6/3/2005	2005	2
1	UNDERGROUND	1/5/2017	2017	1
1	UNDERGROUND	1/24/2018	2018	1
1	UNDERGROUND	7/17/2013	2013	3
1	UNDERGROUND	9/17/2003	2003	3
1	UNDERGROUND	3/2/2015	2015	1
1	UNDERGROUND	3/27/2015	2015	1
1	UNDERGROUND	6/16/2015	2015	2
1	UNDERGROUND	2/2/2016	2016	1
1	UNDERGROUND	8/19/2015	2015	3
1	UNDERGROUND	9/15/2017	2017	3
1	UNDERGROUND	4/18/2013	2013	2
1	UNDERGROUND	8/27/2012	2012	3
1	UNDERGROUND	10/10/2006	2006	4
1	UNDERGROUND	8/31/2015	2015	3
5	CULM BANK/REFUSE PILE	8/2/2007	2007	3
1	UNDERGROUND	10/23/2002	2002	4
1	UNDERGROUND	10/28/2013	2013	4

2	SURFACE AT UNDERGROUND	1/24/2014	2014	1
1	UNDERGROUND	3/17/2017	2017	1
30	MILL OPERATION/PREPARATION PLANT	7/17/2009	2009	3
1	UNDERGROUND	3/14/2003	2003	1
3	STRIP, QUARY, OPEN PIT	5/5/2015	2015	2
3	STRIP, QUARY, OPEN PIT	4/27/2007	2007	2
1	UNDERGROUND	5/21/2012	2012	2
1	UNDERGROUND	5/19/2017	2017	2
3	STRIP, QUARY, OPEN PIT	2/13/2007	2007	1
1	UNDERGROUND	9/30/2014	2014	3
1	UNDERGROUND	9/5/2019	2019	3
1	UNDERGROUND	12/2/2015	2015	4
1	UNDERGROUND	3/23/2012	2012	1
1	UNDERGROUND	9/11/2003	2003	3
1	UNDERGROUND	5/11/2015	2015	2
1	UNDERGROUND	9/24/2013	2013	3
1	UNDERGROUND	5/22/2014	2014	2
1	UNDERGROUND	8/6/2014	2014	3
1	UNDERGROUND	1/24/2014	2014	1
1	UNDERGROUND	7/7/2014	2014	3
1	UNDERGROUND	3/7/2013	2013	1
1	UNDERGROUND	11/1/2010	2010	4
1	UNDERGROUND	1/4/2013	2013	1
3	STRIP, QUARY, OPEN PIT	3/6/2006	2006	1
1	UNDERGROUND	8/22/2014	2014	3
1	UNDERGROUND	5/17/2012	2012	2
1	UNDERGROUND	8/21/2013	2013	3
1	UNDERGROUND	4/12/2013	2013	2
1	UNDERGROUND	7/7/2015	2015	3
1	UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	12/19/2012	2012	4
1	UNDERGROUND	3/6/2014	2014	1
1	UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	9/29/2003	2003	3
1	UNDERGROUND	6/17/2016	2016	2
1	UNDERGROUND	5/16/2003	2003	2
1	UNDERGROUND	12/10/2015	2015	4
1	UNDERGROUND	9/21/2007	2007	3
1	UNDERGROUND	7/14/2009	2009	3
1	UNDERGROUND	11/8/2012	2012	4
3	STRIP, QUARY, OPEN PIT	10/10/2002	2002	4
1	UNDERGROUND	2/29/2008	2008	1
1	UNDERGROUND	10/13/2010	2010	4
1	UNDERGROUND	1/7/2013	2013	1
1	UNDERGROUND	5/28/2013	2013	2
1	UNDERGROUND	7/31/2003	2003	3
1	UNDERGROUND	5/10/2016	2016	2

1	UNDERGROUND	2/13/2013	2013	1
1	UNDERGROUND	10/8/2003	2003	4
3	STRIP, QUARY, OPEN PIT	3/29/2009	2009	1
1	UNDERGROUND	6/1/2015	2015	2
1	UNDERGROUND	10/8/2002	2002	4
1	UNDERGROUND	4/28/2005	2005	2
2	SURFACE AT UNDERGROUND	4/29/2022	2022	2
1	UNDERGROUND	3/16/2015	2015	1
1	UNDERGROUND	4/10/2012	2012	2
3	STRIP, QUARY, OPEN PIT	1/28/2019	2019	1
1	UNDERGROUND	4/30/2013	2013	2
1	UNDERGROUND	9/24/2015	2015	3
1	UNDERGROUND	4/16/2020	2020	2
1	UNDERGROUND	7/8/2010	2010	3
1	UNDERGROUND	7/7/2010	2010	3
1	UNDERGROUND	5/27/2016	2016	2
1	UNDERGROUND	7/25/2022	2022	3
1	UNDERGROUND	3/3/2020	2020	1
1	UNDERGROUND	12/16/2003	2003	4
1	UNDERGROUND	5/1/2014	2014	2
1	UNDERGROUND	2/11/2005	2005	1
1	UNDERGROUND	12/7/2017	2017	4
1	UNDERGROUND	8/22/2023	2023	3
1	UNDERGROUND	5/9/2003	2003	2
1	UNDERGROUND	9/24/2015	2015	3
1	UNDERGROUND	11/6/2017	2017	4
1	UNDERGROUND	1/25/2019	2019	1
1	UNDERGROUND	1/14/2011	2011	1
1	UNDERGROUND	8/20/2018	2018	3
30	MILL OPERATION/PREPARATION PLANT	7/7/2016	2016	3
1	UNDERGROUND	4/24/2012	2012	2
1	UNDERGROUND	1/4/2013	2013	1
1	UNDERGROUND	12/1/2013	2013	4
1	UNDERGROUND	8/29/2016	2016	3
1	UNDERGROUND	7/10/2013	2013	3
30	MILL OPERATION/PREPARATION PLANT	7/15/2010	2010	3
1	UNDERGROUND	4/3/2023	2023	2
1	UNDERGROUND	6/24/2015	2015	2
1	UNDERGROUND	4/28/2011	2011	2
1	UNDERGROUND	8/22/2014	2014	3
1	UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	5/24/2017	2017	2
1	UNDERGROUND	2/7/2013	2013	1
1	UNDERGROUND	7/17/2008	2008	3
1	UNDERGROUND	12/15/2014	2014	4
1	UNDERGROUND	11/14/2016	2016	4
1	UNDERGROUND	6/13/2014	2014	2

1	UNDERGROUND	11/16/2016	2016	4
1	UNDERGROUND	10/23/2018	2018	4
1	UNDERGROUND	2/6/2014	2014	1
1	UNDERGROUND	11/18/2016	2016	4
1	UNDERGROUND	3/26/2015	2015	1
1	UNDERGROUND	8/18/2016	2016	3
1	UNDERGROUND	6/5/2015	2015	2
1	UNDERGROUND	12/14/2004	2004	4
1	UNDERGROUND	1/11/2015	2015	1
1	UNDERGROUND	10/17/2016	2016	4
1	UNDERGROUND	10/15/2015	2015	4
1	UNDERGROUND	4/30/2015	2015	2
3	STRIP, QUARY, OPEN PIT	9/30/2005	2005	3
1	UNDERGROUND	5/24/2018	2018	2
1	UNDERGROUND	12/14/2009	2009	4
1	UNDERGROUND	1/3/2012	2012	1
1	UNDERGROUND	6/4/2007	2007	2
3	STRIP, QUARY, OPEN PIT	8/23/2021	2021	3
1	UNDERGROUND	7/8/2019	2019	3
1	UNDERGROUND	5/4/2016	2016	2
1	UNDERGROUND	5/24/2016	2016	2
3	STRIP, QUARY, OPEN PIT	8/14/2003	2003	3
1	UNDERGROUND	1/9/2015	2015	1
1	UNDERGROUND	7/31/2003	2003	3
1	UNDERGROUND	9/16/2013	2013	3
1	UNDERGROUND	3/27/2020	2020	1
1	UNDERGROUND	1/25/2016	2016	1
1	UNDERGROUND	10/2/2012	2012	4
1	UNDERGROUND	3/5/2013	2013	1
1	UNDERGROUND	2/4/2008	2008	1
1	UNDERGROUND	1/25/2008	2008	1
1	UNDERGROUND	7/29/2015	2015	3
1	UNDERGROUND	3/18/2014	2014	1
3	STRIP, QUARY, OPEN PIT	6/30/2015	2015	2
1	UNDERGROUND	12/5/2011	2011	4
1	UNDERGROUND	12/19/2007	2007	4
1	UNDERGROUND	6/9/2016	2016	2
1	UNDERGROUND	4/22/2016	2016	2
1	UNDERGROUND	10/3/2016	2016	4
1	UNDERGROUND	7/15/2010	2010	3
1	UNDERGROUND	8/25/2015	2015	3
1	UNDERGROUND	4/18/2013	2013	2
1	UNDERGROUND	4/3/2019	2019	2
1	UNDERGROUND	2/25/2008	2008	1
1	UNDERGROUND	1/9/2012	2012	1
1	UNDERGROUND	6/17/2013	2013	2
1	UNDERGROUND	9/8/2017	2017	3

3	STRIP, QUARY, OPEN PIT	2/1/2016	2016	1
2	SURFACE AT UNDERGROUND	7/11/2017	2017	3
1	UNDERGROUND	1/4/2013	2013	1
30	MILL OPERATION/PREPARATION PLANT	1/12/2012	2012	1
1	UNDERGROUND	9/4/2014	2014	3
1	UNDERGROUND	9/24/2015	2015	3
1	UNDERGROUND	7/17/2014	2014	3
1	UNDERGROUND	11/11/2013	2013	4
1	UNDERGROUND	3/17/2017	2017	1
1	UNDERGROUND	7/5/2022	2022	3
1	UNDERGROUND	6/2/2014	2014	2
1	UNDERGROUND	1/26/2016	2016	1
1	UNDERGROUND	2/24/2014	2014	1
1	UNDERGROUND	10/30/2020	2020	4
30	MILL OPERATION/PREPARATION PLANT	7/9/2019	2019	3
1	UNDERGROUND	8/16/2016	2016	3
1	UNDERGROUND	7/22/2015	2015	3
30	MILL OPERATION/PREPARATION PLANT	11/10/2015	2015	4
30	MILL OPERATION/PREPARATION PLANT	12/7/2018	2018	4
1	UNDERGROUND	10/14/2014	2014	4
1	UNDERGROUND	10/28/2016	2016	4
2	SURFACE AT UNDERGROUND	11/4/2014	2014	4
3	STRIP, QUARY, OPEN PIT	8/23/2012	2012	3
1	UNDERGROUND	5/2/2019	2019	2
1	UNDERGROUND	6/21/2019	2019	2
1	UNDERGROUND	2/24/2014	2014	1
1	UNDERGROUND	4/28/2015	2015	2
1	UNDERGROUND	12/22/2015	2015	4
1	UNDERGROUND	6/12/2014	2014	2
1	UNDERGROUND	4/15/2008	2008	2
1	UNDERGROUND	9/25/2007	2007	3
1	UNDERGROUND	9/9/2016	2016	3
3	STRIP, QUARY, OPEN PIT	2/3/2012	2012	1
1	UNDERGROUND	8/21/2013	2013	3
1	UNDERGROUND	9/18/2014	2014	3
1	UNDERGROUND	3/5/2014	2014	1
1	UNDERGROUND	12/27/2013	2013	4
1	UNDERGROUND	12/21/2007	2007	4
1	UNDERGROUND	1/10/2005	2005	1
1	UNDERGROUND	8/29/2018	2018	3
1	UNDERGROUND	10/15/2009	2009	4
1	UNDERGROUND	5/23/2007	2007	2
1	UNDERGROUND	3/4/2020	2020	1
1	UNDERGROUND	5/2/2018	2018	2
1	UNDERGROUND	1/21/2015	2015	1
1	UNDERGROUND	10/6/2003	2003	4
1	UNDERGROUND	6/13/2012	2012	2

3	STRIP, QUARY, OPEN PIT	11/7/2013	2013	4
1	UNDERGROUND	8/8/2016	2016	3
1	UNDERGROUND	4/19/2016	2016	2
1	UNDERGROUND	7/9/2021	2021	3
3	STRIP, QUARY, OPEN PIT	2/12/2004	2004	1
1	UNDERGROUND	8/27/2011	2011	3
1	UNDERGROUND	8/1/2013	2013	3
1	UNDERGROUND	12/18/2018	2018	4
1	UNDERGROUND	1/20/2015	2015	1
1	UNDERGROUND	8/27/2015	2015	3
2	SURFACE AT UNDERGROUND	6/7/2016	2016	2
1	UNDERGROUND	9/12/2013	2013	3
1	UNDERGROUND	10/19/2016	2016	4
2	SURFACE AT UNDERGROUND	12/27/2016	2016	4
3	STRIP, QUARY, OPEN PIT	2/7/2014	2014	1
1	UNDERGROUND	6/5/2023	2023	2
1	UNDERGROUND	2/8/2016	2016	1
1	UNDERGROUND	2/1/2013	2013	1
1	UNDERGROUND	8/13/2007	2007	3
1	UNDERGROUND	11/11/2013	2013	4
1	UNDERGROUND	1/8/2019	2019	1
1	UNDERGROUND	7/23/2020	2020	3
1	UNDERGROUND	9/27/2003	2003	3
1	UNDERGROUND	2/22/2005	2005	1
1	UNDERGROUND	5/6/2008	2008	2
1	UNDERGROUND	6/16/2016	2016	2
1	UNDERGROUND	9/6/2016	2016	3
1	UNDERGROUND	10/29/2018	2018	4
30	MILL OPERATION/PREPARATION PLANT	2/24/2020	2020	1
1	UNDERGROUND	2/19/2014	2014	1
1	UNDERGROUND	6/23/2017	2017	2
1	UNDERGROUND	8/18/2004	2004	3
1	UNDERGROUND	10/21/2004	2004	4
1	UNDERGROUND	7/24/2012	2012	3
1	UNDERGROUND	9/9/2014	2014	3
1	UNDERGROUND	8/18/2015	2015	3
2	SURFACE AT UNDERGROUND	6/27/2019	2019	2
1	UNDERGROUND	3/25/2013	2013	1
2	SURFACE AT UNDERGROUND	10/5/2015	2015	4
1	UNDERGROUND	9/21/2016	2016	3
30	MILL OPERATION/PREPARATION PLANT	12/9/2003	2003	4
1	UNDERGROUND	9/11/2014	2014	3
30	MILL OPERATION/PREPARATION PLANT	6/7/2014	2014	2
30	MILL OPERATION/PREPARATION PLANT	3/31/2016	2016	1
30	MILL OPERATION/PREPARATION PLANT	1/7/2019	2019	1
1	UNDERGROUND	7/31/2012	2012	3
1	UNDERGROUND	9/26/2012	2012	3

1	UNDERGROUND	9/19/2013	2013	3
1	UNDERGROUND	12/1/2015	2015	4
1	UNDERGROUND	8/28/2005	2005	3
1	UNDERGROUND	3/7/2012	2012	1
1	UNDERGROUND	4/13/2011	2011	2
30	MILL OPERATION/PREPARATION PLANT	5/19/2003	2003	2
30	MILL OPERATION/PREPARATION PLANT	7/12/2017	2017	3
1	UNDERGROUND	4/16/2019	2019	2
30	MILL OPERATION/PREPARATION PLANT	3/25/2014	2014	1
1	UNDERGROUND	4/11/2003	2003	2
1	UNDERGROUND	10/1/2014	2014	4
1	UNDERGROUND	3/6/2015	2015	1
1	UNDERGROUND	12/30/2002	2002	4
1	UNDERGROUND	4/16/2014	2014	2
1	UNDERGROUND	4/26/2018	2018	2
1	UNDERGROUND	5/27/2016	2016	2
1	UNDERGROUND	12/2/2019	2019	4
1	UNDERGROUND	1/29/2016	2016	1
1	UNDERGROUND	11/2/2018	2018	4
1	UNDERGROUND	10/17/2014	2014	4
1	UNDERGROUND	2/10/2022	2022	1
1	UNDERGROUND	6/22/2015	2015	2
1	UNDERGROUND	6/13/2016	2016	2
1	UNDERGROUND	8/10/2015	2015	3
1	UNDERGROUND	9/12/2013	2013	3
1	UNDERGROUND	8/15/2012	2012	3
1	UNDERGROUND	5/11/2015	2015	2
1	UNDERGROUND	6/11/2014	2014	2
1	UNDERGROUND	5/17/2013	2013	2
3	STRIP, QUARY, OPEN PIT	10/20/2021	2021	4
1	UNDERGROUND	7/1/2021	2021	3
1	UNDERGROUND	4/18/2016	2016	2
1	UNDERGROUND	10/13/2003	2003	4
1	UNDERGROUND	11/8/2002	2002	4
1	UNDERGROUND	3/6/2023	2023	1
1	UNDERGROUND	10/12/2019	2019	4
1	UNDERGROUND	6/25/2014	2014	2
1	UNDERGROUND	10/28/2016	2016	4
30	MILL OPERATION/PREPARATION PLANT	3/10/2003	2003	1
1	UNDERGROUND	1/21/2004	2004	1
3	STRIP, QUARY, OPEN PIT	2/4/2003	2003	1
1	UNDERGROUND	9/16/2015	2015	3
1	UNDERGROUND	7/3/2003	2003	3
1	UNDERGROUND	3/8/2023	2023	1
1	UNDERGROUND	9/13/2013	2013	3
1	UNDERGROUND	6/16/2003	2003	2
30	MILL OPERATION/PREPARATION PLANT	12/5/2013	2013	4

1	UNDERGROUND	10/20/2014	2014	4
1	UNDERGROUND	6/13/2013	2013	2
1	UNDERGROUND	1/19/2006	2006	1
1	UNDERGROUND	3/19/2013	2013	1
1	UNDERGROUND	11/13/2014	2014	4
1	UNDERGROUND	6/11/2014	2014	2
1	UNDERGROUND	10/1/2013	2013	4
1	UNDERGROUND	2/1/2019	2019	1
1	UNDERGROUND	10/5/2021	2021	4
1	UNDERGROUND	2/8/2016	2016	1
1	UNDERGROUND	8/21/2017	2017	3
1	UNDERGROUND	5/17/2022	2022	2
30	MILL OPERATION/PREPARATION PLANT	2/16/2016	2016	1
1	UNDERGROUND	8/12/2016	2016	3
1	UNDERGROUND	9/13/2016	2016	3
1	UNDERGROUND	10/1/2013	2013	4
3	STRIP, QUARY, OPEN PIT	11/21/2012	2012	4
1	UNDERGROUND	8/5/2005	2005	3
1	UNDERGROUND	5/30/2012	2012	2
1	UNDERGROUND	7/13/2015	2015	3
1	UNDERGROUND	8/26/2015	2015	3
1	UNDERGROUND	4/5/2013	2013	2
1	UNDERGROUND	4/17/2018	2018	2
3	STRIP, QUARY, OPEN PIT	9/22/2011	2011	3
1	UNDERGROUND	9/24/2018	2018	3
1	UNDERGROUND	6/24/2019	2019	2
3	STRIP, QUARY, OPEN PIT	6/2/2016	2016	2
1	UNDERGROUND	6/17/2013	2013	2
1	UNDERGROUND	11/12/2012	2012	4
30	MILL OPERATION/PREPARATION PLANT	4/20/2021	2021	2
1	UNDERGROUND	6/4/2014	2014	2
1	UNDERGROUND	12/1/2014	2014	4
2	SURFACE AT UNDERGROUND	11/13/2014	2014	4
1	UNDERGROUND	8/24/2015	2015	3
1	UNDERGROUND	10/20/2016	2016	4
1	UNDERGROUND	4/1/2015	2015	2
1	UNDERGROUND	7/16/2016	2016	3
1	UNDERGROUND	12/13/2019	2019	4
1	UNDERGROUND	1/12/2007	2007	1
1	UNDERGROUND	8/15/2012	2012	3
1	UNDERGROUND	10/24/2016	2016	4
1	UNDERGROUND	6/1/2004	2004	2
1	UNDERGROUND	7/9/2013	2013	3
1	UNDERGROUND	1/22/2013	2013	1
1	UNDERGROUND	3/27/2015	2015	1
1	UNDERGROUND	5/12/2016	2016	2
1	UNDERGROUND	6/9/2015	2015	2

2	SURFACE AT UNDERGROUND	10/28/2016	2016	4
1	UNDERGROUND	4/25/2014	2014	2
1	UNDERGROUND	4/10/2021	2021	2
1	UNDERGROUND	1/23/2008	2008	1
1	UNDERGROUND	7/22/2009	2009	3
1	UNDERGROUND	5/16/2014	2014	2
3	STRIP, QUARY, OPEN PIT	8/25/2014	2014	3
30	MILL OPERATION/PREPARATION PLANT	5/2/2013	2013	2
1	UNDERGROUND	3/31/2008	2008	1
1	UNDERGROUND	3/19/2013	2013	1
1	UNDERGROUND	3/10/2015	2015	1
1	UNDERGROUND	3/13/2012	2012	1
1	UNDERGROUND	4/22/2019	2019	2
3	STRIP, QUARY, OPEN PIT	10/8/2015	2015	4
30	MILL OPERATION/PREPARATION PLANT	2/26/2003	2003	1
1	UNDERGROUND	8/31/2020	2020	3
30	MILL OPERATION/PREPARATION PLANT	7/8/2016	2016	3
1	UNDERGROUND	12/11/2014	2014	4
1	UNDERGROUND	1/15/2018	2018	1
1	UNDERGROUND	4/25/2008	2008	2
1	UNDERGROUND	10/8/2002	2002	4
1	UNDERGROUND	9/15/2011	2011	3
1	UNDERGROUND	1/8/2015	2015	1
1	UNDERGROUND	7/26/2015	2015	3
1	UNDERGROUND	12/29/2014	2014	4
1	UNDERGROUND	7/28/2016	2016	3
1	UNDERGROUND	10/18/2021	2021	4
1	UNDERGROUND	7/10/2014	2014	3
1	UNDERGROUND	2/8/2008	2008	1
1	UNDERGROUND	9/12/2016	2016	3
1	UNDERGROUND	7/11/2017	2017	3
1	UNDERGROUND	10/7/2003	2003	4
1	UNDERGROUND	5/4/2012	2012	2
1	UNDERGROUND	6/6/2014	2014	2
1	UNDERGROUND	7/18/2011	2011	3
1	UNDERGROUND	8/27/2007	2007	3
1	UNDERGROUND	9/9/2009	2009	3
1	UNDERGROUND	5/13/2011	2011	2
1	UNDERGROUND	1/3/2014	2014	1
30	MILL OPERATION/PREPARATION PLANT	12/17/2010	2010	4
1	UNDERGROUND	1/15/2015	2015	1
1	UNDERGROUND	5/30/2012	2012	2
1	UNDERGROUND	10/28/2013	2013	4
1	UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	11/17/2015	2015	4
1	UNDERGROUND	6/27/2016	2016	2
3	STRIP, QUARY, OPEN PIT	3/12/2003	2003	1

1	UNDERGROUND	8/9/2007	2007	3
30	MILL OPERATION/PREPARATION PLANT	2/6/2007	2007	1
1	UNDERGROUND	2/23/2015	2015	1
30	MILL OPERATION/PREPARATION PLANT	2/1/2019	2019	1
1	UNDERGROUND	6/23/2010	2010	2
1	UNDERGROUND	9/6/2013	2013	3
1	UNDERGROUND	1/12/2017	2017	1
1	UNDERGROUND	4/28/2010	2010	2
1	UNDERGROUND	3/23/2022	2022	1
1	UNDERGROUND	9/28/2011	2011	3
1	UNDERGROUND	4/25/2016	2016	2
1	UNDERGROUND	3/3/2023	2023	1
1	UNDERGROUND	6/29/2012	2012	2
1	UNDERGROUND	7/13/2009	2009	3
1	UNDERGROUND	1/11/2013	2013	1
1	UNDERGROUND	3/6/2015	2015	1
1	UNDERGROUND	5/13/2014	2014	2
3	STRIP, QUARY, OPEN PIT	10/8/2014	2014	4
1	UNDERGROUND	4/3/2013	2013	2
1	UNDERGROUND	3/10/2014	2014	1
1	UNDERGROUND	8/7/2017	2017	3
1	UNDERGROUND	2/7/2003	2003	1
1	UNDERGROUND	9/27/2003	2003	3
1	UNDERGROUND	8/2/2005	2005	3
1	UNDERGROUND	8/25/2003	2003	3
1	UNDERGROUND	10/16/2002	2002	4
30	MILL OPERATION/PREPARATION PLANT	2/25/2003	2003	1
3	STRIP, QUARY, OPEN PIT	4/15/2015	2015	2
1	UNDERGROUND	12/2/2003	2003	4
1	UNDERGROUND	9/1/2016	2016	3
1	UNDERGROUND	7/15/2008	2008	3
1	UNDERGROUND	3/18/2014	2014	1
1	UNDERGROUND	3/1/2010	2010	1
1	UNDERGROUND	6/5/2014	2014	2
1	UNDERGROUND	8/1/2017	2017	3
1	UNDERGROUND	5/18/2023	2023	2
2	SURFACE AT UNDERGROUND	8/11/2018	2018	3
1	UNDERGROUND	2/27/2014	2014	1
1	UNDERGROUND	12/28/2021	2021	4
1	UNDERGROUND	10/2/2009	2009	4
3	STRIP, QUARY, OPEN PIT	7/19/2016	2016	3
1	UNDERGROUND	10/27/2005	2005	4
1	UNDERGROUND	8/13/2014	2014	3
1	UNDERGROUND	11/3/2014	2014	4
1	UNDERGROUND	6/15/2015	2015	2
1	UNDERGROUND	1/17/2013	2013	1
1	UNDERGROUND	9/11/2015	2015	3

1	UNDERGROUND	8/27/2015	2015	3
3	STRIP, QUARY, OPEN PIT	3/30/2016	2016	1
1	UNDERGROUND	6/19/2017	2017	2
1	UNDERGROUND	9/28/2015	2015	3
1	UNDERGROUND	1/3/2019	2019	1
1	UNDERGROUND	4/21/2014	2014	2
1	UNDERGROUND	9/5/2017	2017	3
3	STRIP, QUARY, OPEN PIT	6/25/2004	2004	2
1	UNDERGROUND	12/29/2005	2005	4
1	UNDERGROUND	8/20/2009	2009	3
1	UNDERGROUND	9/10/2014	2014	3
2	SURFACE AT UNDERGROUND	5/30/2014	2014	2
1	UNDERGROUND	5/14/2019	2019	2
1	UNDERGROUND	12/17/2020	2020	4
1	UNDERGROUND	9/29/2016	2016	3
1	UNDERGROUND	9/12/2017	2017	3
1	UNDERGROUND	3/8/2017	2017	1
1	UNDERGROUND	2/10/2016	2016	1
3	STRIP, QUARY, OPEN PIT	11/19/2015	2015	4
1	UNDERGROUND	7/10/2015	2015	3
1	UNDERGROUND	4/10/2013	2013	2
1	UNDERGROUND	5/7/2014	2014	2
1	UNDERGROUND	9/8/2014	2014	3
1	UNDERGROUND	5/2/2018	2018	2
1	UNDERGROUND	12/22/2022	2022	4
1	UNDERGROUND	3/15/2004	2004	1
1	UNDERGROUND	5/4/2015	2015	2
3	STRIP, QUARY, OPEN PIT	9/7/2016	2016	3
1	UNDERGROUND	9/18/2017	2017	3
1	UNDERGROUND	6/11/2018	2018	2
3	STRIP, QUARY, OPEN PIT	2/8/2013	2013	1
1	UNDERGROUND	9/23/2015	2015	3
1	UNDERGROUND	4/5/2019	2019	2
1	UNDERGROUND	5/14/2017	2017	2
30	MILL OPERATION/PREPARATION PLANT	1/31/2003	2003	1
30	MILL OPERATION/PREPARATION PLANT	9/19/2014	2014	3
1	UNDERGROUND	4/19/2018	2018	2
1	UNDERGROUND	7/19/2010	2010	3
1	UNDERGROUND	10/7/2013	2013	4
1	UNDERGROUND	10/18/2016	2016	4
1	UNDERGROUND	2/15/2021	2021	1
1	UNDERGROUND	2/28/2014	2014	1
1	UNDERGROUND	1/5/2013	2013	1
30	MILL OPERATION/PREPARATION PLANT	8/16/2018	2018	3
1	UNDERGROUND	4/8/2015	2015	2
1	UNDERGROUND	4/20/2016	2016	2
1	UNDERGROUND	2/16/2007	2007	1

1	UNDERGROUND	2/15/2016	2016	1
1	UNDERGROUND	2/21/2014	2014	1
1	UNDERGROUND	8/12/2014	2014	3
1	UNDERGROUND	11/14/2016	2016	4
1	UNDERGROUND	12/17/2018	2018	4
1	UNDERGROUND	10/6/2005	2005	4
1	UNDERGROUND	9/30/2010	2010	3
1	UNDERGROUND	8/2/2005	2005	3
1	UNDERGROUND	1/19/2011	2011	1
1	UNDERGROUND	12/2/2014	2014	4
1	UNDERGROUND	8/10/2015	2015	3
1	UNDERGROUND	1/31/2013	2013	1
1	UNDERGROUND	9/15/2014	2014	3
1	UNDERGROUND	1/9/2004	2004	1
1	UNDERGROUND	12/21/2021	2021	4
1	UNDERGROUND	6/19/2015	2015	2
1	UNDERGROUND	11/17/2015	2015	4
1	UNDERGROUND	3/7/2012	2012	1
1	UNDERGROUND	11/13/2013	2013	4
1	UNDERGROUND	12/9/2013	2013	4
1	UNDERGROUND	7/14/2014	2014	3
1	UNDERGROUND	8/7/2015	2015	3
1	UNDERGROUND	7/16/2013	2013	3
1	UNDERGROUND	7/17/2014	2014	3
1	UNDERGROUND	2/21/2022	2022	1
1	UNDERGROUND	1/26/2016	2016	1
1	UNDERGROUND	10/7/2014	2014	4
1	UNDERGROUND	2/7/2018	2018	1
1	UNDERGROUND	11/5/2021	2021	4
1	UNDERGROUND	11/14/2017	2017	4
1	UNDERGROUND	10/7/2011	2011	4
1	UNDERGROUND	12/16/2013	2013	4
1	UNDERGROUND	5/5/2015	2015	2
3	STRIP, QUARY, OPEN PIT	4/11/2019	2019	2
1	UNDERGROUND	3/24/2003	2003	1
1	UNDERGROUND	6/10/2015	2015	2
1	UNDERGROUND	9/14/2015	2015	3
1	UNDERGROUND	4/4/2003	2003	2
1	UNDERGROUND	3/29/2019	2019	1
3	STRIP, QUARY, OPEN PIT	3/27/2023	2023	1
30	MILL OPERATION/PREPARATION PLANT	5/31/2009	2009	2
1	UNDERGROUND	9/12/2017	2017	3
1	UNDERGROUND	5/24/2018	2018	2
30	MILL OPERATION/PREPARATION PLANT	3/21/2012	2012	1
2	SURFACE AT UNDERGROUND	10/6/2011	2011	4
1	UNDERGROUND	5/26/2016	2016	2
1	UNDERGROUND	11/1/2013	2013	4

1	UNDERGROUND	9/4/2014	2014	3
1	UNDERGROUND	3/16/2016	2016	1
1	UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	5/22/2018	2018	2
1	UNDERGROUND	5/15/2006	2006	2
1	UNDERGROUND	2/12/2015	2015	1
1	UNDERGROUND	3/28/2005	2005	1
1	UNDERGROUND	1/13/2003	2003	1
1	UNDERGROUND	5/1/2008	2008	2
1	UNDERGROUND	2/10/2016	2016	1
1	UNDERGROUND	2/1/2007	2007	1
1	UNDERGROUND	4/2/2018	2018	2
1	UNDERGROUND	1/11/2013	2013	1
1	UNDERGROUND	7/25/2014	2014	3
1	UNDERGROUND	5/20/2003	2003	2
1	UNDERGROUND	12/10/2014	2014	4
1	UNDERGROUND	10/6/2015	2015	4
1	UNDERGROUND	10/22/2021	2021	4
1	UNDERGROUND	11/6/2021	2021	4
3	STRIP, QUARY, OPEN PIT	6/13/2013	2013	2
1	UNDERGROUND	7/17/2017	2017	3
1	UNDERGROUND	1/3/2015	2015	1
1	UNDERGROUND	7/24/2023	2023	3
1	UNDERGROUND	8/26/2009	2009	3
1	UNDERGROUND	3/7/2014	2014	1
1	UNDERGROUND	11/16/2012	2012	4
1	UNDERGROUND	1/9/2020	2020	1
1	UNDERGROUND	1/20/2017	2017	1
1	UNDERGROUND	12/17/2020	2020	4
1	UNDERGROUND	7/11/2017	2017	3
1	UNDERGROUND	8/30/2006	2006	3
30	MILL OPERATION/PREPARATION PLANT	2/27/2013	2013	1
30	MILL OPERATION/PREPARATION PLANT	8/28/2012	2012	3
1	UNDERGROUND	1/10/2008	2008	1
1	UNDERGROUND	4/11/2017	2017	2
1	UNDERGROUND	11/29/2017	2017	4
1	UNDERGROUND	9/18/2013	2013	3
1	UNDERGROUND	11/3/2015	2015	4
1	UNDERGROUND	12/17/2014	2014	4
1	UNDERGROUND	7/5/2013	2013	3
1	UNDERGROUND	7/15/2020	2020	3
30	MILL OPERATION/PREPARATION PLANT	2/24/2017	2017	1
1	UNDERGROUND	2/7/2011	2011	1
1	UNDERGROUND	11/8/2013	2013	4
30	MILL OPERATION/PREPARATION PLANT	8/22/2005	2005	3
1	UNDERGROUND	2/17/2022	2022	1
3	STRIP, QUARY, OPEN PIT	5/11/2006	2006	2

1	UNDERGROUND	5/30/2018	2018	2
30	MILL OPERATION/PREPARATION PLANT	5/5/2022	2022	2
1	UNDERGROUND	7/22/2004	2004	3
1	UNDERGROUND	11/12/2014	2014	4
1	UNDERGROUND	9/11/2014	2014	3
1	UNDERGROUND	7/8/2016	2016	3
1	UNDERGROUND	7/11/2014	2014	3
1	UNDERGROUND	10/13/2014	2014	4
1	UNDERGROUND	4/6/2015	2015	2
1	UNDERGROUND	8/17/2016	2016	3
1	UNDERGROUND	8/1/2023	2023	3
1	UNDERGROUND	5/8/2003	2003	2
1	UNDERGROUND	6/22/2016	2016	2
1	UNDERGROUND	1/7/2005	2005	1
1	UNDERGROUND	7/8/2013	2013	3
1	UNDERGROUND	5/2/2014	2014	2
30	MILL OPERATION/PREPARATION PLANT	11/28/2009	2009	4
1	UNDERGROUND	5/2/2014	2014	2
1	UNDERGROUND	12/13/2019	2019	4
1	UNDERGROUND	3/13/2006	2006	1
1	UNDERGROUND	1/30/2009	2009	1
1	UNDERGROUND	10/16/2013	2013	4
1	UNDERGROUND	9/9/2016	2016	3
30	MILL OPERATION/PREPARATION PLANT	5/15/2003	2003	2
3	STRIP, QUARY, OPEN PIT	9/28/2020	2020	3
1	UNDERGROUND	12/1/2016	2016	4
1	UNDERGROUND	9/12/2003	2003	3
1	UNDERGROUND	4/8/2003	2003	2
1	UNDERGROUND	4/26/2016	2016	2
1	UNDERGROUND	5/18/2013	2013	2
1	UNDERGROUND	4/17/2014	2014	2
1	UNDERGROUND	2/6/2023	2023	1
1	UNDERGROUND	5/20/2014	2014	2
1	UNDERGROUND	7/6/2018	2018	3
1	UNDERGROUND	5/11/2005	2005	2
3	STRIP, QUARY, OPEN PIT	8/5/2005	2005	3
1	UNDERGROUND	5/5/2014	2014	2
1	UNDERGROUND	3/29/2013	2013	1
1	UNDERGROUND	11/24/2014	2014	4
1	UNDERGROUND	8/21/2013	2013	3
1	UNDERGROUND	8/8/2014	2014	3
2	SURFACE AT UNDERGROUND	8/10/2015	2015	3
3	STRIP, QUARY, OPEN PIT	1/8/2015	2015	1
3	STRIP, QUARY, OPEN PIT	4/22/2020	2020	2
1	UNDERGROUND	11/12/2014	2014	4
1	UNDERGROUND	1/13/2003	2003	1
1	UNDERGROUND	10/21/2021	2021	4

1	UNDERGROUND	6/16/2016	2016	2
1	UNDERGROUND	11/30/2017	2017	4
1	UNDERGROUND	8/25/2015	2015	3
1	UNDERGROUND	10/3/2016	2016	4
1	UNDERGROUND	12/8/2014	2014	4
1	UNDERGROUND	4/16/2015	2015	2
30	MILL OPERATION/PREPARATION PLANT	11/1/2004	2004	4
1	UNDERGROUND	7/17/2013	2013	3
1	UNDERGROUND	5/31/2013	2013	2
1	UNDERGROUND	11/17/2003	2003	4
1	UNDERGROUND	2/12/2014	2014	1
1	UNDERGROUND	4/23/2003	2003	2
1	UNDERGROUND	1/30/2013	2013	1
1	UNDERGROUND	11/7/2012	2012	4
1	UNDERGROUND	7/10/2015	2015	3
1	UNDERGROUND	7/6/2015	2015	3
1	UNDERGROUND	10/17/2022	2022	4
1	UNDERGROUND	4/24/2003	2003	2
1	UNDERGROUND	12/12/2013	2013	4
1	UNDERGROUND	11/4/2014	2014	4
2	SURFACE AT UNDERGROUND	8/6/2007	2007	3
1	UNDERGROUND	1/10/2019	2019	1
1	UNDERGROUND	2/6/2017	2017	1
1	UNDERGROUND	5/25/2017	2017	2
3	STRIP, QUARY, OPEN PIT	5/28/2003	2003	2
1	UNDERGROUND	11/11/2015	2015	4
1	UNDERGROUND	12/16/2019	2019	4
30	MILL OPERATION/PREPARATION PLANT	5/15/2013	2013	2
99	OFFICE WORKERS AT MINE SITE	10/1/2013	2013	4
3	STRIP, QUARY, OPEN PIT	4/24/2007	2007	2
1	UNDERGROUND	10/9/2014	2014	4
3	STRIP, QUARY, OPEN PIT	12/26/2013	2013	4
1	UNDERGROUND	4/14/2003	2003	2
1	UNDERGROUND	5/2/2018	2018	2
1	UNDERGROUND	3/16/2004	2004	1
1	UNDERGROUND	12/22/2012	2012	4
1	UNDERGROUND	5/2/2018	2018	2
1	UNDERGROUND	3/1/2023	2023	1
1	UNDERGROUND	6/10/2016	2016	2
30	MILL OPERATION/PREPARATION PLANT	5/2/2014	2014	2
1	UNDERGROUND	4/12/2013	2013	2
1	UNDERGROUND	9/22/2003	2003	3
1	UNDERGROUND	1/10/2023	2023	1
1	UNDERGROUND	3/17/2014	2014	1
1	UNDERGROUND	10/28/2014	2014	4
3	STRIP, QUARY, OPEN PIT	8/7/2013	2013	3
3	STRIP, QUARY, OPEN PIT	12/3/2015	2015	4

3	STRIP, QUARY, OPEN PIT	2/10/2016	2016	1
1	UNDERGROUND	6/12/2006	2006	2
1	UNDERGROUND	1/23/2017	2017	1
30	MILL OPERATION/PREPARATION PLANT	2/25/2020	2020	1
1	UNDERGROUND	7/4/2003	2003	3
1	UNDERGROUND	7/10/2008	2008	3
1	UNDERGROUND	5/29/2017	2017	2
1	UNDERGROUND	1/8/2016	2016	1
30	MILL OPERATION/PREPARATION PLANT	3/20/2017	2017	1
1	UNDERGROUND	10/29/2015	2015	4
1	UNDERGROUND	4/19/2017	2017	2
30	MILL OPERATION/PREPARATION PLANT	7/3/2013	2013	3
1	UNDERGROUND	9/1/2016	2016	3
1	UNDERGROUND	6/7/2015	2015	2
1	UNDERGROUND	12/2/2014	2014	4
1	UNDERGROUND	6/3/2019	2019	2
1	UNDERGROUND	6/26/2018	2018	2
1	UNDERGROUND	7/31/2015	2015	3
1	UNDERGROUND	4/7/2014	2014	2
1	UNDERGROUND	3/11/2008	2008	1
1	UNDERGROUND	7/30/2003	2003	3
1	UNDERGROUND	9/4/2012	2012	3
1	UNDERGROUND	10/22/2014	2014	4
1	UNDERGROUND	12/13/2013	2013	4
1	UNDERGROUND	6/5/2013	2013	2
1	UNDERGROUND	6/27/2016	2016	2
1	UNDERGROUND	12/3/2019	2019	4
1	UNDERGROUND	3/15/2017	2017	1
1	UNDERGROUND	9/27/2003	2003	3
1	UNDERGROUND	8/25/2003	2003	3
1	UNDERGROUND	9/26/2008	2008	3
1	UNDERGROUND	12/9/2016	2016	4
1	UNDERGROUND	12/5/2013	2013	4
1	UNDERGROUND	1/13/2009	2009	1
3	STRIP, QUARY, OPEN PIT	5/4/2015	2015	2
1	UNDERGROUND	8/23/2004	2004	3
1	UNDERGROUND	5/27/2014	2014	2
1	UNDERGROUND	5/23/2016	2016	2
1	UNDERGROUND	11/13/2014	2014	4
1	UNDERGROUND	4/6/2016	2016	2
1	UNDERGROUND	6/13/2016	2016	2
1	UNDERGROUND	4/3/2018	2018	2
1	UNDERGROUND	1/16/2014	2014	1
1	UNDERGROUND	8/9/2016	2016	3
1	UNDERGROUND	10/2/2019	2019	4
1	UNDERGROUND	2/22/2023	2023	1
1	UNDERGROUND	10/12/2010	2010	4

1	UNDERGROUND	4/13/2007	2007	2
1	UNDERGROUND	4/27/2016	2016	2
1	UNDERGROUND	2/6/2015	2015	1
1	UNDERGROUND	3/29/2013	2013	1
1	UNDERGROUND	6/16/2011	2011	2
3	STRIP, QUARY, OPEN PIT	5/10/2016	2016	2
1	UNDERGROUND	9/11/2015	2015	3
1	UNDERGROUND	5/21/2018	2018	2
1	UNDERGROUND	3/30/2016	2016	1
3	STRIP, QUARY, OPEN PIT	5/19/2016	2016	2
1	UNDERGROUND	7/20/2007	2007	3
2	SURFACE AT UNDERGROUND	1/17/2007	2007	1
1	UNDERGROUND	10/29/2018	2018	4
1	UNDERGROUND	4/30/2022	2022	2
1	UNDERGROUND	2/14/2011	2011	1
3	STRIP, QUARY, OPEN PIT	8/4/2014	2014	3
1	UNDERGROUND	9/21/2004	2004	3
1	UNDERGROUND	8/18/2004	2004	3
1	UNDERGROUND	8/18/2015	2015	3
1	UNDERGROUND	2/5/2019	2019	1
1	UNDERGROUND	11/7/2007	2007	4
1	UNDERGROUND	7/9/2015	2015	3
1	UNDERGROUND	11/16/2009	2009	4
1	UNDERGROUND	6/26/2019	2019	2
1	UNDERGROUND	11/25/2019	2019	4
1	UNDERGROUND	5/24/2015	2015	2
3	STRIP, QUARY, OPEN PIT	10/29/2014	2014	4
1	UNDERGROUND	2/22/2022	2022	1
1	UNDERGROUND	9/2/2008	2008	3
1	UNDERGROUND	6/5/2013	2013	2
1	UNDERGROUND	3/14/2023	2023	1
30	MILL OPERATION/PREPARATION PLANT	7/13/2015	2015	3
1	UNDERGROUND	7/31/2012	2012	3
1	UNDERGROUND	9/12/2013	2013	3
1	UNDERGROUND	12/28/2021	2021	4
1	UNDERGROUND	5/12/2015	2015	2
1	UNDERGROUND	5/22/2023	2023	2
1	UNDERGROUND	3/19/2015	2015	1
1	UNDERGROUND	9/6/2013	2013	3
1	UNDERGROUND	9/3/2015	2015	3
1	UNDERGROUND	10/14/2005	2005	4
1	UNDERGROUND	1/25/2018	2018	1
1	UNDERGROUND	4/7/2008	2008	2
1	UNDERGROUND	3/26/2003	2003	1
1	UNDERGROUND	9/23/2016	2016	3
1	UNDERGROUND	7/10/2014	2014	3
1	UNDERGROUND	12/15/2014	2014	4

1	UNDERGROUND	6/24/2003	2003	2
1	UNDERGROUND	2/9/2016	2016	1
1	UNDERGROUND	9/12/2003	2003	3
1	UNDERGROUND	3/25/2014	2014	1
1	UNDERGROUND	6/27/2011	2011	2
1	UNDERGROUND	4/13/2016	2016	2
1	UNDERGROUND	10/2/2013	2013	4
1	UNDERGROUND	3/31/2014	2014	1
1	UNDERGROUND	9/25/2014	2014	3
1	UNDERGROUND	1/27/2022	2022	1
1	UNDERGROUND	1/7/2015	2015	1
1	UNDERGROUND	5/3/2016	2016	2
1	UNDERGROUND	6/13/2014	2014	2
1	UNDERGROUND	10/21/2013	2013	4
1	UNDERGROUND	9/21/2015	2015	3
1	UNDERGROUND	8/12/2014	2014	3
1	UNDERGROUND	6/26/2015	2015	2
1	UNDERGROUND	6/19/2008	2008	2
1	UNDERGROUND	6/1/2021	2021	2
30	MILL OPERATION/PREPARATION PLANT	1/30/2009	2009	1
1	UNDERGROUND	9/29/2014	2014	3
3	STRIP, QUARY, OPEN PIT	5/1/2012	2012	2
3	STRIP, QUARY, OPEN PIT	5/26/2015	2015	2
1	UNDERGROUND	7/1/2014	2014	3
1	UNDERGROUND	4/15/2016	2016	2
1	UNDERGROUND	12/1/2015	2015	4
1	UNDERGROUND	7/21/2015	2015	3
3	STRIP, QUARY, OPEN PIT	11/21/2014	2014	4
1	UNDERGROUND	9/16/2013	2013	3
1	UNDERGROUND	3/14/2023	2023	1
1	UNDERGROUND	4/20/2004	2004	2
1	UNDERGROUND	9/27/2012	2012	3
1	UNDERGROUND	5/21/2008	2008	2
1	UNDERGROUND	4/29/2013	2013	2
1	UNDERGROUND	5/28/2015	2015	2
1	UNDERGROUND	1/24/2014	2014	1
1	UNDERGROUND	1/22/2013	2013	1
1	UNDERGROUND	4/5/2013	2013	2
1	UNDERGROUND	6/30/2015	2015	2
1	UNDERGROUND	9/24/2012	2012	3
1	UNDERGROUND	12/6/2002	2002	4
1	UNDERGROUND	6/12/2003	2003	2
30	MILL OPERATION/PREPARATION PLANT	3/19/2015	2015	1
1	UNDERGROUND	10/31/2002	2002	4
1	UNDERGROUND	7/2/2008	2008	3
1	UNDERGROUND	12/16/2016	2016	4
30	MILL OPERATION/PREPARATION PLANT	6/5/2017	2017	2

1	UNDERGROUND	9/16/2013	2013	3
1	UNDERGROUND	3/9/2004	2004	1
1	UNDERGROUND	9/28/2004	2004	3
1	UNDERGROUND	7/23/2008	2008	3
1	UNDERGROUND	9/21/2017	2017	3
1	UNDERGROUND	5/22/2003	2003	2
1	UNDERGROUND	3/18/2013	2013	1
3	STRIP, QUARY, OPEN PIT	7/8/2015	2015	3
1	UNDERGROUND	5/10/2013	2013	2
1	UNDERGROUND	5/25/2018	2018	2
1	UNDERGROUND	6/27/2016	2016	2
1	UNDERGROUND	5/10/2023	2023	2
1	UNDERGROUND	6/16/2023	2023	2
30	MILL OPERATION/PREPARATION PLANT	1/27/2004	2004	1
30	MILL OPERATION/PREPARATION PLANT	6/25/2020	2020	2
1	UNDERGROUND	9/24/2015	2015	3
1	UNDERGROUND	12/18/2013	2013	4
1	UNDERGROUND	3/18/2014	2014	1
1	UNDERGROUND	5/12/2016	2016	2
3	STRIP, QUARY, OPEN PIT	11/18/2014	2014	4
3	STRIP, QUARY, OPEN PIT	5/21/2018	2018	2
1	UNDERGROUND	9/26/2003	2003	3
1	UNDERGROUND	3/13/2015	2015	1
1	UNDERGROUND	7/15/2021	2021	3
1	UNDERGROUND	10/4/2003	2003	4
1	UNDERGROUND	7/9/2020	2020	3
1	UNDERGROUND	2/11/2017	2017	1
30	MILL OPERATION/PREPARATION PLANT	4/30/2003	2003	2
1	UNDERGROUND	11/13/2007	2007	4
1	UNDERGROUND	4/10/2003	2003	2
3	STRIP, QUARY, OPEN PIT	7/9/2019	2019	3
3	STRIP, QUARY, OPEN PIT	2/28/2003	2003	1
1	UNDERGROUND	3/17/2008	2008	1
1	UNDERGROUND	9/30/2015	2015	3
1	UNDERGROUND	8/28/2014	2014	3
1	UNDERGROUND	12/11/2015	2015	4
1	UNDERGROUND	3/8/2009	2009	1
3	STRIP, QUARY, OPEN PIT	1/26/2013	2013	1
1	UNDERGROUND	1/6/2015	2015	1
1	UNDERGROUND	1/25/2011	2011	1
1	UNDERGROUND	12/17/2013	2013	4
1	UNDERGROUND	2/1/2008	2008	1
1	UNDERGROUND	6/6/2018	2018	2
3	STRIP, QUARY, OPEN PIT	8/27/2014	2014	3
1	UNDERGROUND	3/15/2015	2015	1
1	UNDERGROUND	11/16/2006	2006	4
1	UNDERGROUND	9/2/2014	2014	3

1	UNDERGROUND	6/22/2011	2011	2
1	UNDERGROUND	12/1/2014	2014	4
1	UNDERGROUND	3/24/2015	2015	1
1	UNDERGROUND	7/25/2013	2013	3
1	UNDERGROUND	10/28/2013	2013	4
1	UNDERGROUND	1/23/2023	2023	1
1	UNDERGROUND	11/16/2009	2009	4
1	UNDERGROUND	2/1/2017	2017	1
30	MILL OPERATION/PREPARATION PLANT	8/16/2004	2004	3
30	MILL OPERATION/PREPARATION PLANT	6/12/2013	2013	2
3	STRIP, QUARY, OPEN PIT	4/7/2008	2008	2
1	UNDERGROUND	2/1/2007	2007	1
1	UNDERGROUND	12/5/2003	2003	4
1	UNDERGROUND	2/20/2015	2015	1
1	UNDERGROUND	9/17/2020	2020	3
1	UNDERGROUND	6/2/2016	2016	2
1	UNDERGROUND	7/8/2014	2014	3
1	UNDERGROUND	4/26/2013	2013	2
3	STRIP, QUARY, OPEN PIT	1/27/2017	2017	1
1	UNDERGROUND	6/13/2016	2016	2
1	UNDERGROUND	5/13/2014	2014	2
1	UNDERGROUND	2/5/2016	2016	1
3	STRIP, QUARY, OPEN PIT	7/21/2021	2021	3
1	UNDERGROUND	5/16/2012	2012	2
1	UNDERGROUND	12/1/2010	2010	4
1	UNDERGROUND	1/7/2005	2005	1
1	UNDERGROUND	5/16/2012	2012	2
1	UNDERGROUND	5/9/2012	2012	2
3	STRIP, QUARY, OPEN PIT	9/11/2012	2012	3
1	UNDERGROUND	10/16/2014	2014	4
1	UNDERGROUND	11/8/2013	2013	4
1	UNDERGROUND	8/6/2004	2004	3
1	UNDERGROUND	4/30/2014	2014	2
1	UNDERGROUND	10/27/2014	2014	4
1	UNDERGROUND	4/8/2015	2015	2
1	UNDERGROUND	12/13/2012	2012	4
1	UNDERGROUND	6/19/2015	2015	2
1	UNDERGROUND	1/6/2011	2011	1
1	UNDERGROUND	3/7/2018	2018	1
1	UNDERGROUND	10/31/2002	2002	4
1	UNDERGROUND	4/29/2018	2018	2
1	UNDERGROUND	3/25/2003	2003	1
1	UNDERGROUND	6/25/2014	2014	2
30	MILL OPERATION/PREPARATION PLANT	2/1/2007	2007	1
30	MILL OPERATION/PREPARATION PLANT	5/7/2003	2003	2
1	UNDERGROUND	9/6/2006	2006	3
1	UNDERGROUND	3/27/2007	2007	1

30	MILL OPERATION/PREPARATION PLANT	4/22/2016	2016	2
1	UNDERGROUND	8/11/2008	2008	3
1	UNDERGROUND	5/31/2013	2013	2
3	STRIP, QUARY, OPEN PIT	9/3/2013	2013	3
1	UNDERGROUND	7/29/2015	2015	3
1	UNDERGROUND	6/11/2019	2019	2
1	UNDERGROUND	5/18/2016	2016	2
1	UNDERGROUND	2/9/2023	2023	1
1	UNDERGROUND	11/20/2015	2015	4
1	UNDERGROUND	6/10/2016	2016	2
1	UNDERGROUND	2/9/2023	2023	1
1	UNDERGROUND	10/8/2002	2002	4
1	UNDERGROUND	5/30/2013	2013	2
1	UNDERGROUND	4/2/2007	2007	2
1	UNDERGROUND	6/11/2015	2015	2
3	STRIP, QUARY, OPEN PIT	10/4/2011	2011	4
1	UNDERGROUND	3/18/2014	2014	1
1	UNDERGROUND	3/14/2013	2013	1
1	UNDERGROUND	1/22/2015	2015	1
3	STRIP, QUARY, OPEN PIT	1/11/2012	2012	1
1	UNDERGROUND	3/26/2004	2004	1
1	UNDERGROUND	5/19/2014	2014	2
1	UNDERGROUND	9/6/2016	2016	3
1	UNDERGROUND	2/25/2019	2019	1
30	MILL OPERATION/PREPARATION PLANT	5/24/2016	2016	2
1	UNDERGROUND	1/26/2016	2016	1
1	UNDERGROUND	4/2/2019	2019	2
1	UNDERGROUND	5/12/2014	2014	2
3	STRIP, QUARY, OPEN PIT	4/4/2003	2003	2
1	UNDERGROUND	8/28/2003	2003	3
1	UNDERGROUND	2/1/2007	2007	1
1	UNDERGROUND	4/18/2014	2014	2
1	UNDERGROUND	3/28/2014	2014	1
1	UNDERGROUND	1/18/2017	2017	1
1	UNDERGROUND	7/10/2014	2014	3
1	UNDERGROUND	4/27/2016	2016	2
1	UNDERGROUND	6/3/2013	2013	2
1	UNDERGROUND	6/28/2013	2013	2
1	UNDERGROUND	12/13/2013	2013	4
1	UNDERGROUND	7/7/2021	2021	3
1	UNDERGROUND	10/5/2010	2010	4
1	UNDERGROUND	10/1/2013	2013	4
1	UNDERGROUND	2/14/2014	2014	1
1	UNDERGROUND	8/8/2014	2014	3
1	UNDERGROUND	4/11/2016	2016	2
1	UNDERGROUND	3/26/2019	2019	1
30	MILL OPERATION/PREPARATION PLANT	8/19/2015	2015	3

1	UNDERGROUND	8/8/2016	2016	3
3	STRIP, QUARY, OPEN PIT	4/17/2003	2003	2
1	UNDERGROUND	2/4/2014	2014	1
1	UNDERGROUND	2/3/2012	2012	1
1	UNDERGROUND	12/29/2008	2008	4
1	UNDERGROUND	4/19/2016	2016	2
1	UNDERGROUND	5/11/2017	2017	2
1	UNDERGROUND	9/17/2010	2010	3
1	UNDERGROUND	8/3/2006	2006	3
1	UNDERGROUND	8/26/2013	2013	3
1	UNDERGROUND	4/13/2016	2016	2
2	SURFACE AT UNDERGROUND	4/24/2018	2018	2
1	UNDERGROUND	4/6/2016	2016	2
1	UNDERGROUND	6/5/2015	2015	2
1	UNDERGROUND	11/11/2015	2015	4
1	UNDERGROUND	7/24/2023	2023	3

FISCAL_YR	FISCAL_QTR	ACCIDENT_TIME	DEGREE_INJURY_CD
2015	3	9999	07
2007	1	9999	07
2014	3	9999	07
2014	2	9999	07
2013	2	9999	07
2003	4	9999	07
2014	4	9999	07
2004	4	9999	07
2013	3	9999	07
2009	2	9999	07
2015	3	9999	07
2012	1	9999	07
2015	2	9999	07
2013	1	9999	07
2018	3	9999	07
2015	4	9999	07
2016	3	9999	07
2017	4	9999	07
2003	1	9999	07
2014	2	9999	07
2003	2	9999	07
2003	3	9999	07
2005	4	9999	07
2012	4	9999	07
2003	4	9999	07
2016	3	9999	07
2013	2	9999	07
2014	2	9999	07
2012	4	800	07
2019	3	9999	07
2012	2	9999	07
2021	3	9999	07
2016	1	1200	07
2003	2	9999	07
2013	3	9999	07
2015	3	9999	07
2017	1	9999	07
2015	4	9999	07
2014	4	9999	07
2014	2	9999	07
2015	3	9999	07
2015	4	9999	07
2003	2	9999	07
2003	2	9999	07
2013	4	9999	07
2018	3	800	07

2023	3	800 07
2003	1	9999 07
2014	4	9999 07
2012	2	9999 07
2016	2	9999 07
2005	1	9999 07
2009	3	9999 07
2015	4	9999 07
2014	1	9999 07
2015	3	9999 07
2013	4	9999 07
2009	3	9999 07
2009	3	9999 07
2007	3	9999 07
2013	3	1647 07
2022	2	9999 07
2017	4	9999 07
2013	4	9999 07
2014	4	9999 07
2014	2	9999 07
2014	2	9999 07
2015	3	9999 07
2013	4	9999 07
2013	2	9999 07
2013	2	9999 07
2015	1	9999 07
2015	2	9999 07
2017	1	9999 07
2014	4	9999 07
2018	2	9999 07
2004	4	9999 07
2014	3	1626 07
2015	4	9999 07
2016	3	9999 07
2020	4	9999 07
2003	3	9999 07
2013	2	700 07
2011	2	9999 07
2012	4	600 07
2016	1	9999 07
2016	4	9999 07
2019	2	9999 07
2007	2	2400 07
2014	3	9999 07
2017	2	9999 07
2009	3	9999 07
2016	1	9999 07

2014	1	9999 07
2015	3	9999 07
2016	3	9999 07
2015	1	9999 07
2015	1	9999 07
2014	3	9999 07
2014	4	9999 07
2022	2	9999 07
2005	2	9999 07
2016	3	9999 07
2013	3	9999 07
2010	2	9999 07
2015	3	9999 07
2005	2	9999 07
2014	4	9999 07
2017	1	9999 07
2008	3	9999 07
2014	4	9999 07
2016	4	9999 07
2017	3	9999 07
2013	2	9999 07
2013	4	9999 07
2018	4	700 07
2015	3	9999 07
2011	2	9999 07
2004	1	9999 07
2015	3	9999 07
2018	3	9999 07
2012	2	9999 07
2016	1	9999 07
2009	4	9999 07
2018	1	9999 07
2013	4	1046 07
2014	2	700 07
2015	2	9999 07
2021	1	9999 07
2016	4	9999 07
2017	3	9999 07
2017	2	9999 07
2012	3	9999 07
2003	3	9999 07
2012	3	800 07
2022	1	9999 07
2012	4	9999 07
2014	3	9999 07
2004	4	9999 07
2010	3	9999 07

2014	1	9999 07
2012	4	9999 07
2013	3	9999 07
2015	4	9999 07
2016	1	9999 07
2016	3	800 07
2009	2	9999 07
2015	1	9999 07
2007	1	9999 07
2008	3	9999 07
2017	4	9999 07
2013	2	9999 07
2013	3	9999 07
2009	1	9999 07
2013	4	9999 07
2014	3	9999 07
2009	3	9999 07
2022	4	9999 07
2015	3	9999 07
2014	3	9999 07
2015	1	9999 07
2018	3	9999 07
2021	4	9999 07
2012	4	9999 07
2015	3	9999 07
2015	2	9999 07
2011	2	9999 07
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OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	21 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 01
OCCUPATNAL ILLNESS NOT DEG 1-6	51 01
OCCUPATNAL ILLNESS NOT DEG 1-6	51 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	51 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	51 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 98
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 98
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 98
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	8 04
OCCUPATNAL ILLNESS NOT DEG 1-6	21 06
OCCUPATNAL ILLNESS NOT DEG 1-6	21 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	42 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 03
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06

OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 03
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	17 06
OCCUPATNAL ILLNESS NOT DEG 1-6	21 06
OCCUPATNAL ILLNESS NOT DEG 1-6	21 06
OCCUPATNAL ILLNESS NOT DEG 1-6	21 03
OCCUPATNAL ILLNESS NOT DEG 1-6	21 03
OCCUPATNAL ILLNESS NOT DEG 1-6	21 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	42 06
OCCUPATNAL ILLNESS NOT DEG 1-6	49 03
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 98
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06

OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	18 98
OCCUPATNAL ILLNESS NOT DEG 1-6	21 03
OCCUPATNAL ILLNESS NOT DEG 1-6	21 06
OCCUPATNAL ILLNESS NOT DEG 1-6	21 03
OCCUPATNAL ILLNESS NOT DEG 1-6	21 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 03
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	51 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?

OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 ?
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 06
OCCUPATNAL ILLNESS NOT DEG 1-6	54 03

UG_LOCATION	UG_MINING_METHOD_CD	UG_MINING_METHOD
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
OTHER	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
OTHER	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	08	Other
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND

FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	06	Hand
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
SLOPE/INCLINED SHAFT	03	Conventional Stoping

LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining

NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
SLOPE/INCLINED SHAFT	05	Continuous Mining
FACE	06	Hand
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	01	Longwall
FACE	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND

OTHER	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	08	Other
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	06	Hand
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	08	Other
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
OTHER	05	Continuous Mining
FACE	05	Continuous Mining

NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
SLOPE/INCLINED SHAFT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
VERTICAL SHAFT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND

LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	05	Continuous Mining
NOT MARKED	05	Continuous Mining
OTHER	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
VERTICAL SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND

FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
VERTICAL SHAFT	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NOT MARKED	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
OTHER	08	Other
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

FACE	05	Continuous Mining
OTHER	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	01	Longwall
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

FACE	01	Longwall
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NOT MARKED	08	Other
FACE	05	Continuous Mining
NOT MARKED	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
UNDERGROUND SHOP/OFFICE	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	06	Hand
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	08	Other
LAST OPEN CROSSCUT	01	Longwall
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

SLOPE/INCLINED SHAFT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	08	Other
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
VERTICAL SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
FACE	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	01	Longwall
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	08	Other
FACE	01	Longwall
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining

NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
UNDERGROUND SHOP/OFFICE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	08	Other
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	05	Continuous Mining
FACE	05	Continuous Mining

NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	08	Other
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	01	Longwall
FACE	01	Longwall
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NOT MARKED	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	08	Other
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	08	Other
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NOT MARKED	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND

LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
FACE	01	Longwall
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining

NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
VERTICAL SHAFT	01	Longwall
FACE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND

FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
OTHER	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	08	Other
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NOT MARKED	08	Other
FACE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
FACE	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
VERTICAL SHAFT	01	Longwall
FACE	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
INTERSECTION	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other

LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	08	Other
FACE	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
FACE	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
VERTICAL SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND

LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
NOT MARKED	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other

FACE	01	Longwall
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
OTHER	03	Conventional Stoping
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NOT MARKED	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
OTHER	01	Longwall
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND

NO VALUE FOUND	?	NO VALUE FOUND
FACE	01	Longwall
LAST OPEN CROSSCUT	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
SLOPE/INCLINED SHAFT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
OTHER	05	Continuous Mining
OTHER	08	Other
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	08	Other
FACE	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
SLOPE/INCLINED SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
VERTICAL SHAFT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	03	Conventional Stoping
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND

FACE	05	Continuous Mining
FACE	?	NO VALUE FOUND
NOT MARKED	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	06	Hand
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND

LAST OPEN CROSSCUT	?	NO VALUE FOUND
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
VERTICAL SHAFT	05	Continuous Mining
VERTICAL SHAFT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
OTHER	08	Other
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
LAST OPEN CROSSCUT	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
INTERSECTION	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall

LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	01	Longwall
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	06	Hand
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	01	Longwall
LAST OPEN CROSSCUT	?	NO VALUE FOUND
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining

NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
OTHER	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	?	NO VALUE FOUND
LAST OPEN CROSSCUT	08	Other
FACE	01	Longwall
FACE	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	08	Other
NO VALUE FOUND	?	NO VALUE FOUND

LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	01	Longwall
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
NO VALUE FOUND	?	NO VALUE FOUND
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
LAST OPEN CROSSCUT	05	Continuous Mining
FACE	05	Continuous Mining

MINING_EQUIP_CD	MINING_EQUIP	EQUIP_MFR_CD
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
54	Rock or roof bolting machine, Pinning machine, Truss bolter	119
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
?	NO VALUE FOUND	?

?	NO VALUE FOUND	?
?	NO VALUE FOUND	?
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NO VALUE FOUND		800	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27

NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		2300	27
NO VALUE FOUND		700	27
NO VALUE FOUND		1200	27
NO VALUE FOUND		600	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		600	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		630	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		1400	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		1347	27
NO VALUE FOUND		600	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		700	27
NO VALUE FOUND		600	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND		1200	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		2230	27
NO VALUE FOUND		1330	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27

NO VALUE FOUND		800 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		800 27
NO VALUE FOUND	?	9999 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		800 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		700 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		600 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		600 27
NO VALUE FOUND		1800 27
NO VALUE FOUND		700 27
NO VALUE FOUND		700 27
NO VALUE FOUND		700 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND	?	700 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND		400 27
NO VALUE FOUND		1600 27
NO VALUE FOUND		9999 27
NO VALUE FOUND	?	9999 27
NO VALUE FOUND	?	9999 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		600 27
NO VALUE FOUND		700 27
NO VALUE FOUND		630 27
NO VALUE FOUND		600 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27

NO VALUE FOUND	9999 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	800 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	600 27
NO VALUE FOUND	1500 27
NO VALUE FOUND	700 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	700 27
NO VALUE FOUND	600 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	700 27
NO VALUE FOUND	700 27
NO VALUE FOUND	630 27
NO VALUE FOUND	600 27
NO VALUE FOUND	600 27
NO VALUE FOUND	700 27
NO VALUE FOUND	630 27
NO VALUE FOUND	600 27
NO VALUE FOUND	600 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	600 27
NO VALUE FOUND	730 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	800 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	800 27
NO VALUE FOUND	600 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	9999 27
NO VALUE FOUND	600 27
NO VALUE FOUND	9999 27

NO VALUE FOUND	?	9999 27
NO VALUE FOUND		9999 27
NO VALUE FOUND	?	9999 27
NO VALUE FOUND		630 27
NO VALUE FOUND		700 27
NO VALUE FOUND		2300 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		800 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND		630 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		2300 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		700 27
NO VALUE FOUND		600 27
NO VALUE FOUND		630 27
NO VALUE FOUND		600 27
NO VALUE FOUND		700 27
NO VALUE FOUND		9999 27
NO VALUE FOUND		900 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND		800 27
NO VALUE FOUND	?	9999 27
NO VALUE FOUND	?	9999 27
NO VALUE FOUND		800 27
NO VALUE FOUND	?	9999 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27
NO VALUE FOUND		600 27

NO VALUE FOUND		9999	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		1500	27
NO VALUE FOUND		700	27
NO VALUE FOUND		600	27
NO VALUE FOUND		730	27
NO VALUE FOUND		700	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		1600	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		1700	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		2300	27
NO VALUE FOUND		630	27
NO VALUE FOUND		700	27
NO VALUE FOUND		800	27
NO VALUE FOUND		1223	27
NO VALUE FOUND		700	27
NO VALUE FOUND		1500	27
NO VALUE FOUND		600	27
NO VALUE FOUND		1500	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		2400	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27

NO VALUE FOUND		2400	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
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NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		1	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		700	27
NO VALUE FOUND		9999	27
NO VALUE FOUND	?	600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND		800	27
NO VALUE FOUND		600	27
NO VALUE FOUND		700	27
NO VALUE FOUND		1500	27
NO VALUE FOUND		600	27
NO VALUE FOUND		700	27
NO VALUE FOUND		700	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		700	27
NO VALUE FOUND		2400	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27

NO VALUE FOUND		700	27
NO VALUE FOUND		300	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		700	27
NO VALUE FOUND		2300	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		600	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		800	27
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NO VALUE FOUND		800	27
NO VALUE FOUND		2400	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		630	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND	?	700	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		700	27
NO VALUE FOUND		600	27
NO VALUE FOUND		800	27
NO VALUE FOUND		600	27
NO VALUE FOUND		630	27
NO VALUE FOUND		800	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		800	27
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NO VALUE FOUND		800	27
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NO VALUE FOUND		800	27
NO VALUE FOUND		800	27
NO VALUE FOUND		1500	27

NO VALUE FOUND		600	27
NO VALUE FOUND	?	9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		630	27
NO VALUE FOUND		600	27
NO VALUE FOUND		600	27
NO VALUE FOUND		630	27
NO VALUE FOUND		700	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		700	27
NO VALUE FOUND		600	27
NO VALUE FOUND		700	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		9999	27
NO VALUE FOUND		2400	27
NO VALUE FOUND		600	27

CLASSIFICATION	ACCIDENT_TYPE_CD
DUST DISEASE OF LUNGS	36
DUST DISEASE OF LUNGS	36
DUST DISEASE OF LUNGS	36

DUST DISEASE OF LUNGS	36
DUST DISEASE OF LUNGS	36
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DUST DISEASE OF LUNGS	36
DUST DISEASE OF LUNGS	36
DUST DISEASE OF LUNGS	36
DUST DISEASE OF LUNGS	36

ACCIDENT_TYPE	NO_INJURIES	TOT_EXPER
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	21.98
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	28.56
Inhalation of radiations, caustics, toxic and noxious substances	1	28.5
Inhalation of radiations, caustics, toxic and noxious substances	1	11.44
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	10.44
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	38.54
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	26.76
Inhalation of radiations, caustics, toxic and noxious substances	1	25.38
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	40.38
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	10
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	34.1
Inhalation of radiations, caustics, toxic and noxious substances	1	24.78
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	24.58
Inhalation of radiations, caustics, toxic and noxious substances	1	33.42
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	17.67
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	29.07
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	23.5

Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	5
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	25.38
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	22.71
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	31.5
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	14.23
Inhalation of radiations, caustics, toxic and noxious substances	1	14.13
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	35.6
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	49
Inhalation of radiations, caustics, toxic and noxious substances	1	0.37
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	7
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	32.62
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	37

Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	29.08
Inhalation of radiations, caustics, toxic and noxious substances	1	38.85
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	31.25
Inhalation of radiations, caustics, toxic and noxious substances	1	35.29
Inhalation of radiations, caustics, toxic and noxious substances	1	23.42
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	34.17
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	32.73
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	40.02
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	25.28
Inhalation of radiations, caustics, toxic and noxious substances	1	54
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	10
Inhalation of radiations, caustics, toxic and noxious substances	1	14.69
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	29.85
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	35.77
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	

Inhalation of radiations, caustics, toxic and noxious substances	1	8.69
Inhalation of radiations, caustics, toxic and noxious substances	1	23.85
Inhalation of radiations, caustics, toxic and noxious substances	1	38.38
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	38.06
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	20.58
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	28.54
Inhalation of radiations, caustics, toxic and noxious substances	1	33.23
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	42.46
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	3.9
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	26.38
Inhalation of radiations, caustics, toxic and noxious substances	1	37.52
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	33.33
Inhalation of radiations, caustics, toxic and noxious substances	1	10
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	25.38
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	25

Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	15.58
Inhalation of radiations, caustics, toxic and noxious substances	1	30.6
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	14.23
Inhalation of radiations, caustics, toxic and noxious substances	1	17.48
Inhalation of radiations, caustics, toxic and noxious substances	1	11
Inhalation of radiations, caustics, toxic and noxious substances	1	32.46
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	40.6
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	10.31
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	48.5
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	40.4

Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	8.62
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	33.65
Inhalation of radiations, caustics, toxic and noxious substances	1	38.75
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	30.46
Inhalation of radiations, caustics, toxic and noxious substances	1	22.69
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	45.02
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	28.08
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	13.37
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	44.85
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	39.62

Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	13.15
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	34.83
Inhalation of radiations, caustics, toxic and noxious substances	1	15.5
Inhalation of radiations, caustics, toxic and noxious substances	1	34.6
Inhalation of radiations, caustics, toxic and noxious substances	1	30.37
Inhalation of radiations, caustics, toxic and noxious substances	1	46.73
Inhalation of radiations, caustics, toxic and noxious substances	1	32.07
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	32.23
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	36.5
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	23.81
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	46
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	39.17
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	21.23
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	37.25
Inhalation of radiations, caustics, toxic and noxious substances	1	35.9
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	38

Inhalation of radiations, caustics, toxic and noxious substances	1	36.31
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	38.62
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	31.62
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	39.85
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	33.42
Inhalation of radiations, caustics, toxic and noxious substances	1	41.69
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	19.23
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	30.75
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	38.5
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	39

Inhalation of radiations, caustics, toxic and noxious substances	1	39.23
Inhalation of radiations, caustics, toxic and noxious substances	1	6.62
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	22.63
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	21.08
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	2.65
Inhalation of radiations, caustics, toxic and noxious substances	1	22.61
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	27.5
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	32.62
Inhalation of radiations, caustics, toxic and noxious substances	1	28.31
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	37.12
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Contact with heat	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	3
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	26.15
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	37

Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	21.62
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	12.96
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	15.58
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	30.06
Inhalation of radiations, caustics, toxic and noxious substances	1	36.81
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	31.87
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	25.04
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	37.46
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	27.27
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	14.06
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	35.6
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	26.08
Inhalation of radiations, caustics, toxic and noxious substances	1	47
Inhalation of radiations, caustics, toxic and noxious substances	1	42.5
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	11
Inhalation of radiations, caustics, toxic and noxious substances	1	34.71
Inhalation of radiations, caustics, toxic and noxious substances	1	26

Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	38.08
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	13.5
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	25.54
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	4.77
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	29.44
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	30.1
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	16.51
Inhalation of radiations, caustics, toxic and noxious substances	1	10.58
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	42.15
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	37.46
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	0.46
Inhalation of radiations, caustics, toxic and noxious substances	1	34.44
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	40.1
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	26.19

Inhalation of radiations, caustics, toxic and noxious substances	1	44.31
Inhalation of radiations, caustics, toxic and noxious substances	1	22.5
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	13
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	42.08
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	3.38
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	15.75
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	37.35
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	8
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	32.62
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	35.62
Inhalation of radiations, caustics, toxic and noxious substances	1	2.4
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	41.38
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	29.58
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	20.19

Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	34.4
Inhalation of radiations, caustics, toxic and noxious substances	1	9.73
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	21.79
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	33.73
Inhalation of radiations, caustics, toxic and noxious substances	1	38.08
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	11
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	42.42
Inhalation of radiations, caustics, toxic and noxious substances	1	11
Inhalation of radiations, caustics, toxic and noxious substances	1	37.23
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	38.81
Inhalation of radiations, caustics, toxic and noxious substances	1	14.23
Inhalation of radiations, caustics, toxic and noxious substances	1	12.33
Inhalation of radiations, caustics, toxic and noxious substances	1	33.6
Inhalation of radiations, caustics, toxic and noxious substances	1	32.15
Inhalation of radiations, caustics, toxic and noxious substances	1	11.33
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	35.38
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	38.08
Inhalation of radiations, caustics, toxic and noxious substances	1	22.23
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	13.13
Inhalation of radiations, caustics, toxic and noxious substances	1	12.79
Inhalation of radiations, caustics, toxic and noxious substances	1	12.33

Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	31.07
Inhalation of radiations, caustics, toxic and noxious substances	1	39.96
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	8.04
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	26.83
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	13
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	23.65
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	24.83
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	28.98
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	19.98
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	25.23
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	19.06
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	15.77
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	10.98
Inhalation of radiations, caustics, toxic and noxious substances	1	25

Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	16.76
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	13
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	37.65
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	38.77
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	7
Inhalation of radiations, caustics, toxic and noxious substances	1	6.62
Inhalation of radiations, caustics, toxic and noxious substances	1	13
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	29.76
Inhalation of radiations, caustics, toxic and noxious substances	1	23.04

Inhalation of radiations, caustics, toxic and noxious substances	1	16.75
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	34.23
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	41.23
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	37.54
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	41.69
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	34.58
Inhalation of radiations, caustics, toxic and noxious substances	1	34.77
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	38.02
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	34.46
Inhalation of radiations, caustics, toxic and noxious substances	1	10.19
Inhalation of radiations, caustics, toxic and noxious substances	1	9.56
Inhalation of radiations, caustics, toxic and noxious substances	1	50
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	8.19
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	26.9
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	32.13
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	28.58
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	42

Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	10
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	33.6
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	40.48
Inhalation of radiations, caustics, toxic and noxious substances	1	33.81
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	12.12
Inhalation of radiations, caustics, toxic and noxious substances	1	47
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	18.23
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	42.02
Inhalation of radiations, caustics, toxic and noxious substances	1	10.77
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	33.62
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	38.46
Inhalation of radiations, caustics, toxic and noxious substances	1	10.92
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	9
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	27.03
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	38

Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	29.42
Inhalation of radiations, caustics, toxic and noxious substances	1	20.58
Inhalation of radiations, caustics, toxic and noxious substances	1	30.83
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	21.37
Inhalation of radiations, caustics, toxic and noxious substances	1	38.46
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	44.23
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	44.62
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	32.9
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	29.37
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	17

Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	14.12
Inhalation of radiations, caustics, toxic and noxious substances	1	37.71
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	30.5
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	24.04
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	40.46
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	23.5
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	19.46
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	35.46
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	23.17
Inhalation of radiations, caustics, toxic and noxious substances	1	40.15
Inhalation of radiations, caustics, toxic and noxious substances	1	39.81
Inhalation of radiations, caustics, toxic and noxious substances	1	29.5
Inhalation of radiations, caustics, toxic and noxious substances	1	30.38
Inhalation of radiations, caustics, toxic and noxious substances	1	28.38
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	29.23
Inhalation of radiations, caustics, toxic and noxious substances	1	15.25
Inhalation of radiations, caustics, toxic and noxious substances	1	13.29
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	31.11
Inhalation of radiations, caustics, toxic and noxious substances	1	30.63
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Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	40.54
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	14

Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	34.54
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	35.5
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	38.63
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	27.17
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Inhalation of radiations, caustics, toxic and noxious substances	1	14.46
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Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	11
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	2
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	32.38
Inhalation of radiations, caustics, toxic and noxious substances	1	35

Inhalation of radiations, caustics, toxic and noxious substances	1	13.42
Inhalation of radiations, caustics, toxic and noxious substances	1	40.31
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	6
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	24.61
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	39.33
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	41.38
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	39.5
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	27.54
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	20.77
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	24.05
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	5

Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	24.27
Inhalation of radiations, caustics, toxic and noxious substances	1	8.62
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	32.5
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	35.15
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	9
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	5
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	23.04
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	11.19
Inhalation of radiations, caustics, toxic and noxious substances	1	46
Inhalation of radiations, caustics, toxic and noxious substances	1	32.5
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	35.58
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	39.23
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	30.92
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	40.58

Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	23.31
Inhalation of radiations, caustics, toxic and noxious substances	1	46
Inhalation of radiations, caustics, toxic and noxious substances	1	27.5
Inhalation of radiations, caustics, toxic and noxious substances	1	34.5
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	6.69
Inhalation of radiations, caustics, toxic and noxious substances	1	38.13
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	32.21
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	25.54
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	35.58
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	25.31
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	41.63
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	6.88
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	30
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Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	23.54
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	16.46
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	

Inhalation of radiations, caustics, toxic and noxious substances	1	26.5
Inhalation of radiations, caustics, toxic and noxious substances	1	36.87
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	36.92
Inhalation of radiations, caustics, toxic and noxious substances	1	39.58
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	27
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Inhalation of radiations, caustics, toxic and noxious substances	1	29
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Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	23.08
Inhalation of radiations, caustics, toxic and noxious substances	1	23
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Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	16.65
Inhalation of radiations, caustics, toxic and noxious substances	1	33
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Inhalation of radiations, caustics, toxic and noxious substances	1	39.06
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Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	15.04
Inhalation of radiations, caustics, toxic and noxious substances	1	23.17
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	24.23
Inhalation of radiations, caustics, toxic and noxious substances	1	24.15
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	36

Inhalation of radiations, caustics, toxic and noxious substances	1	13.85
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Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	23.38
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	40.08
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Inhalation of radiations, caustics, toxic and noxious substances	1	18
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Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	36.23
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	32.46
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	33.5
Inhalation of radiations, caustics, toxic and noxious substances	1	1.85
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	23.92
Inhalation of radiations, caustics, toxic and noxious substances	1	45.17
Inhalation of radiations, caustics, toxic and noxious substances	1	32.08

Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	10
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	29.5
Inhalation of radiations, caustics, toxic and noxious substances	1	22.69
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	50
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	32.33
Inhalation of radiations, caustics, toxic and noxious substances	1	41.63
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	34.65
Inhalation of radiations, caustics, toxic and noxious substances	1	23.44
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	25.25
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	12.42
Inhalation of radiations, caustics, toxic and noxious substances	1	23.5
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	46.85
Inhalation of radiations, caustics, toxic and noxious substances	1	38.38
Inhalation of radiations, caustics, toxic and noxious substances	1	43.62
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	30.83
Inhalation of radiations, caustics, toxic and noxious substances	1	33.54
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	33

Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	26.5
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	35.75
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	29.21
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	42.23
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	46
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	38.54
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	28.23
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	49
Inhalation of radiations, caustics, toxic and noxious substances	1	6.75
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	25.17
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	22.73
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	34.31
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	35

Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	1
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	37.08
Inhalation of radiations, caustics, toxic and noxious substances	1	12
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	36.88
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	7.81
Inhalation of radiations, caustics, toxic and noxious substances	1	27.69
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	17.71
Inhalation of radiations, caustics, toxic and noxious substances	1	41.5
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	3.38
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	26.15
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	23.26
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	38.62
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	23.46
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	20.19
Inhalation of radiations, caustics, toxic and noxious substances	1	28.06
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	48
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	41.98

Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	41.5
Inhalation of radiations, caustics, toxic and noxious substances	1	41.62
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	14
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	33.17
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	35.5
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	34.71
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	24
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	46
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	19.5
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	38.04
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	37.85
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	28.13
Inhalation of radiations, caustics, toxic and noxious substances	1	37.06
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	39.5
Inhalation of radiations, caustics, toxic and noxious substances	1	19.25
Inhalation of radiations, caustics, toxic and noxious substances	1	30.65

Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	36.54
Inhalation of radiations, caustics, toxic and noxious substances	1	42.12
Inhalation of radiations, caustics, toxic and noxious substances	1	33.32
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	10
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	10.46
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	38.46
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	18.48
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	21.65
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	36.04
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	24.19
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	39.5
Inhalation of radiations, caustics, toxic and noxious substances	1	12.25
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	33.04
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	34

Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	32.85
Inhalation of radiations, caustics, toxic and noxious substances	1	18.23
Inhalation of radiations, caustics, toxic and noxious substances	1	36.5
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	39.77
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	8.38
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	33.58
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	37.69
Inhalation of radiations, caustics, toxic and noxious substances	1	50
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	38.29
Inhalation of radiations, caustics, toxic and noxious substances	1	20.9
Inhalation of radiations, caustics, toxic and noxious substances	1	23.48
Inhalation of radiations, caustics, toxic and noxious substances	1	26.58
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	13.02
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	17

Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	15
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	39.85
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	25.38
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	31.63
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	32.33
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	37.15
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	41.31
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	39.9
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	5.69
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	4.67
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	22
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	10

Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	31.19
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	32.48
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	44.77
Inhalation of radiations, caustics, toxic and noxious substances	1	30.75
Inhalation of radiations, caustics, toxic and noxious substances	1	46.58
Inhalation of radiations, caustics, toxic and noxious substances	1	24.04
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	22.87
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	32.07
Inhalation of radiations, caustics, toxic and noxious substances	1	37.15
Inhalation of radiations, caustics, toxic and noxious substances	1	23.38
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	24.19
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	48
NEC	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	36.69
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	21
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	25.04
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	17
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	35.17

Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	18.83
Inhalation of radiations, caustics, toxic and noxious substances	1	40.5
Inhalation of radiations, caustics, toxic and noxious substances	1	14.31
Inhalation of radiations, caustics, toxic and noxious substances	1	10.71
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	28.69
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	10
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	19
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	41
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	43
Inhalation of radiations, caustics, toxic and noxious substances	1	25.08
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	6.77
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	10.67
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	35.19
Inhalation of radiations, caustics, toxic and noxious substances	1	23.06
Inhalation of radiations, caustics, toxic and noxious substances	1	31.23
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	34.5
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	32.62
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	29.5
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	24.23
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	16.25
Inhalation of radiations, caustics, toxic and noxious substances	1	8
Inhalation of radiations, caustics, toxic and noxious substances	1	

Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	30.77
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	45
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	11
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	0.5
Inhalation of radiations, caustics, toxic and noxious substances	1	10.23
Inhalation of radiations, caustics, toxic and noxious substances	1	20
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	42
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	39.69
Inhalation of radiations, caustics, toxic and noxious substances	1	27.6
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	11
Inhalation of radiations, caustics, toxic and noxious substances	1	29.69
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	28.31
Inhalation of radiations, caustics, toxic and noxious substances	1	31
Inhalation of radiations, caustics, toxic and noxious substances	1	18
Inhalation of radiations, caustics, toxic and noxious substances	1	26
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	29
Inhalation of radiations, caustics, toxic and noxious substances	1	25
Inhalation of radiations, caustics, toxic and noxious substances	1	8.35
Inhalation of radiations, caustics, toxic and noxious substances	1	37
Inhalation of radiations, caustics, toxic and noxious substances	1	40
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	26.77
Inhalation of radiations, caustics, toxic and noxious substances	1	18.96
Inhalation of radiations, caustics, toxic and noxious substances	1	34
Inhalation of radiations, caustics, toxic and noxious substances	1	33
Inhalation of radiations, caustics, toxic and noxious substances	1	40.08
Inhalation of radiations, caustics, toxic and noxious substances	1	43

Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	28
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	30
Inhalation of radiations, caustics, toxic and noxious substances	1	27
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	38
Inhalation of radiations, caustics, toxic and noxious substances	1	39
Inhalation of radiations, caustics, toxic and noxious substances	1	16
Inhalation of radiations, caustics, toxic and noxious substances	1	25.69
Inhalation of radiations, caustics, toxic and noxious substances	1	32
Inhalation of radiations, caustics, toxic and noxious substances	1	35
Inhalation of radiations, caustics, toxic and noxious substances	1	23
Inhalation of radiations, caustics, toxic and noxious substances	1	44
Inhalation of radiations, caustics, toxic and noxious substances	1	36
Inhalation of radiations, caustics, toxic and noxious substances	1	17.31

MINE_EXPER	JOB_EXPER	OCCUPATION_CD
9	9	116
21.98	15.63	116
2.27	3.73	049
5.77	5.77	036
1.15	6	149
1	20	449
11.81	11.81	316
17	17	382
11.44	8.06	462
7.23	0.21	149
15	10	016
8	33	046
0.21	10.44	149
7	22	050
8	8	102
3.54	3.54	316
22	31	149
32	13	101
10	10	016
12.69	2.62	374
12	24.34	049
12.23	10.76	016
1.88	16	053
7.77	18.31	050
4.84	4.84	368
2	41	102
0.31	0.31	036
1.15	1.15	250
9	29	376
3	1	050
0.56	0.56	149
1	8	250
29.73	15.4	101
24.78	3.98	028
		462
1.58	16.58	036
0.65	20.42	116
11.46	3.79	149
2.23	17.67	102
0.5	25	328
2.15	7.85	050
6	15	046
2.8	2.8	016
30	33	016
5	40	116
23.5	23.5	036

10	10 149
	046
5	5 216
1.77	036
2	38 481
1.69	1.69 050
13.42	7.58 054
1.31	8 049
16	16 462
3	12 036
4	116
19	10 307
2	1 102
0.58	4 046
3.5	3.5 481
0.08	16 462
6	6 053
4.71	4.71 149
12	12 028
13.5	1.19 004
1.5	11 462
2.92	2.92 378
2	20 036
0.54	11.23 036
5.73	6.73 036
9	14 116
0.62	15 149
2	15 250
39	36 104
35.6	11.77 104
27	27 116
12.15	12 494
29	378
20	46 049
0.23	0.23 036
10.57	10.57 302
0.19	0.19 593
13.12	2.19 054
4	4 016
2.48	7 036
1.23	15 102
6	10 149
5	1 050
0.08	17.77 462
0.46	41 002
3	4 116
1	12 462

5.62	12 036
2.75	5.75 304
8.85	7.85 374
8	30 146
13	3 128
1.29	30.29 046
2.75	8.15 146
12	21 046
34.17	20 116
9	8 036
16	16 494
7.73	15.73 149
3.15	18 036
4.5	28 104
15	30 102
2.46	2.46 462
5	5 036
5	20 102
4	17 404
8	3 106
1	368
7.02	10.02 046
7.54	7.54 036
16	15 116
5	17 149
25.28	22.32 049
12.85	46 102
1.31	40 382
2	1.08 116
1.02	11.02 418
4.38	4.38 050
1.62	18 304
7	7 462
5.5	21 046
4.4	9 068
5.46	5.46 404
0.83	38 050
18.15	18.15 462
6	6 462
9.54	32 050
	046
6.5	24 368
5	35 494
2	2 149
1.77	2.77 250
3.98	036
6.73	6.73 046

1.15	1.08 462
14.88	23.85 316
0.12	5.46 149
5	7 216
4.06	9.06 149
14	18 036
6.58	3.58 054
2	2 101
6.54	24.54 382
14.23	14.23 053
6	6 149
5.44	0.56 593
7.38	0.6 109
1.23	1.23 269
0.08	1.46 495
3.75	3.75 301
5	5 102
18	9 374
5	25 050
10	20 016
3.54	3.9 116
9	8 269
6	13 404
3.02	35 046
6	38 102
37	30 116
4	30 102
8	38 302
	046
6	6 462
10.25	10.25 376
3.08	20 036
4	39 368
0.69	2.38 101
2.02	26.52 036
14	14 149
5.33	20.33 128
0.5	036
12	1 149
2	10 250
36	36 116
28	28 036
20	20 049
35	35 368
7.38	24 036
17	0.69 116
4	4 046

0.19	368
8	12 334
5.23	5.23 481
2.87	40 316
3	3 250
1.92	3 050
2.54	19 053
1	1 002
15.58	5 149
11	8 146
0.37	0.06 053
9.58	11.58 050
1.31	12 149
6.06	5.77 101
1.21	1.21 016
5	5 146
6.31	1 216
31	14 016
40	40 036
2.54	10 414
3.5	35 102
17	38 053
35.63	36.33 368
5	30 053
6	23 050
1	20 050
4	11 462
0.1	15 149
8	20 462
14	10 269
2	26 036
8	0.25 368
5	11.54 036
6.15	15 046
1.5	29 104
1.31	4.31 146
10	14 334
0.38	9 328
3.5	27 404
5.54	21 036
2.04	5.77 054
0.54	3 046
4	28 004
17	42 102
2	22 049
2	31 102
2.87	39 250

1.38	1.38 101
2.13	20 368
8.62	8.62 050
3	10 050
6.06	20 036
10	4 369
6.48	3.83 049
1	19 149
4	33.65 104
2.08	2.08 462
4	25 050
2	18 102
20	7 104
0.33	0.38 149
0.12	1.04 028
20	10 046
20	28 002
23.02	33.02 302
19.83	368
3.62	2.54 149
4	12 053
6	6 374
1.57	22 016
6	6 149
10	17 462
6.5	6.5 489
12	19 036
7.08	36 050
8.08	8.08 046
1	9 462
8	20 036
2	2 016
5	5 593
2.5	14 036
5	11 036
1.21	1.21 116
2.58	7.46 050
0.5	0.5 307
0.69	39 102
23	15 250
38	3 374
7	4.69 050
6	269
30	30 050
32	1.5 046
1	15 046
12.38	5 374

2.5	24 016
12	36 302
8.69	8.69 265
16	16 304
	301
6	5 365
10	13 250
4	25 414
9.5	9.5 418
0.75	12 036
1	12 384
6	23 104
5.83	25.83 046
5.71	15.5 302
6.6	6.6 149
3.77	2.29 269
5.73	3.73 368
4.03	4.03 050
32	15 016
7.31	7.31 046
40	40 404
36.5	20 378
9	31 368
11	11 102
17	15 050
31	6 418
13.37	13.37 046
3	3 109
0.63	0.63 328
2.5	2 101
4	39 036
1	13 462
4	7 462
19	19 046
3	37 053
2	7 462
2	23 002
36	36 368
13	13 104
31	29 036
10.31	5.62 044
9.77	5 099
8.01	8.01 462
35.9	12.13 116
42	42 036
18	18 001
4.5	34 036

8.73	8.73 374
11.5	7 250
21	19 382
2	13 036
5.15	5.15 462
0.61	046
	449
8	8 418
8	9 334
8	4 368
12	2.48 365
0.04	2 116
31.62	31.62 116
7	12.62 102
	378
0.85	0.85 365
1	15 050
30.85	15.85 328
13	5 149
13.35	13.35 016
1.02	3.37 149
11.69	35.69 046
8	35 149
6.5	6.5 050
3	33 050
6	3 099
2	20 149
4.23	10.23 149
5.85	5.85 418
33	12 104
30.75	14.17 269
38	7 269
14	14 378
5	5 001
0.94	11 049
4.62	28 038
16	16 102
18	18 481
16	10 250
0.23	0.23 016
2	10 168
8	8 046
14	23 418
18	19 002
3	1.58 495
0.31	40 376
2	30 046

2.85	3.85 050
6	0.31 054
1	1 321
0.62	10 404
3	1 050
1	27 334
11.52	7.27 250
7	4 316
0.42	38 334
0.25	21.08 046
5	5 054
3.31	0.29 101
38	38 078
6.69	13.23 046
23	4 418
7	11 036
2	20 149
1.25	6 101
4	11.54 102
2	20 316
1.04	1.04 049
0.38	15 050
5	17 449
2.65	2.65 116
22.15	2.92 050
	304
10	15 334
11	8 250
20	11 149
12.5	27.5 250
4	10 116
2.62	18.62 382
1.81	1.81 316
18.04	18.04 404
37.12	37.12 046
3	16 116
2	2 050
3	3 101
	418
0.54	20.15 046
2.3	42 368
8.15	25 116
11	19 149
6.23	30 050
5	20 049
0.69	001
5.31	5.31 418

1.08	11 102
12	12 036
5	5 036
3.77	7.77 481
10	17 050
1.25	8 046
2.08	1.25 250
8.23	8.23 049
0.42	0.42 104
7.69	5.69 304
3.46	10.04 149
0.23	149
0.38	0.38 050
4	8 376
3.77	4.06 046
1.19	8.9 149
1.83	1.83 146
9.87	19.87 036
4	3.5 149
18	23 382
3	016
9	9 368
10.19	18.35 036
13	38 149
21	3 102
9	9 462
6.13	001
2.32	046
1	1 001
10	10 376
0.85	0.85 046
4.67	35 168
4.35	8.94 481
2	116
5.23	5.23 049
3	036
12.08	9.4 053
10.52	12.85 495
8.44	0.77 116
30	30 044
36.92	0.75 378
	116
37	37 041
23	13 046
10	11 046
34.71	7 378
1	26 497

17	6 009
2	20 333
0.54	1 102
1	20 002
4	10 102
2	3 250
5.54	5.69 462
1.38	28 036
	102
0.52	0.52 053
7	21 036
6	6 365
11	16 036
25.54	25.54 368
2	8 149
1	10 049
4.77	1.62 149
5.5	5.5 304
7	7 114
7	15 016
1	5.44 104
9.85	4.67 495
30.1	30.1 046
	116
26	23 002
6.25	13 404
3.28	3.28 050
2.58	2.58 050
9	9 050
1.77	1.77 328
3	32 102
13	13 049
4	13 376
2	20 149
1	27 028
6	0.46 111
1.5	16 036
2	6 036
11.54	26 116
4.62	4.62 036
	149
0.46	382
4.81	4.33 449
0.15	43 104
12.1	8.1 449
0.69	0.69 050
0.19	26.19 046

44.31	10.04	044
22.5	22.5	036
3	16	016
1	36	462
13	13	368
0.88		016
8.31	8.31	250
14	36	036
0.48		036
0.65	25	049
7	31	250
1.02	1.02	462
0.38	5	102
3.38	30	304
7.5	5.5	462
		462
2	0.08	116
1.58	9.65	102
2	8	109
11.67	1.52	418
4.29	1.62	102
8		036
6	8	149
2	17	104
4	20	049
10	15	269
0.38	0.38	101
42	3.54	168
		049
8	8	001
4.62	30.62	334
2.4	2.4	002
3.46	3.46	462
10	41	302
		462
7	7	102
1.31	1.31	054
8.85	8.85	146
2.38	21.38	116
0.92	10	269
1.15	15	050
36	36	384
1	21	116
8	18	102
6.06	1.77	101
6	7.21	374
7.69	3.56	053

12	11 128
0.63	30.71 036
0.1	5.77 104
1.83	7.83 104
3.79	16.79 146
0.31	31 382
33	22 116
10.63	3.69 110
38.08	8.4 116
16	16 049
3	25 302
6	30 016
20	41 053
3.09	9 049
12	4 149
2.5	2.5 001
10	10 053
0.48	1.35 495
5	5 376
1.42	22.23 036
3	19 404
2.5	2.5 036
0.21	9 046
12.67	35.42 104
14.23	11.23 116
7.33	7.33 327
8.02	15.27 036
3.15	15.15 050
11.33	11.33 004
27	27 016
26	26 016
1.38	35.38 046
1.77	15 046
5	14 368
2.38	9.31 046
13	13.31 046
8	14 102
4	30.46 462
3.08	3.08 265
3.54	3.54 350
11.77	11.77 036
0.42	0.42 321
	304
11.69	11.69 002
7.75	4.71 102
0.1	0.77 462
0.33	12.33 149

5	25 449
3.75	3.75 002
39.96	2.12 399
34	34 036
19	37 102
14	14 376
3	10 462
1.73	7 462
0.08	29 104
0.12	1.23 046
13	39 049
6	7 036
5	5.54 036
2	6 149
7	13 368
	304
7	3 053
8.65	7.65 149
6	2 304
0.79	0.15 101
0.85	3 593
24.83	17.06 269
14	1 115
10.79	27.48 116
2	14 016
3.48	11.98 449
9.75	6.35 418
	149
4	4 149
3.12	3.12 456
0.23	11 002
1.42	18.23 102
12	12 036
1	16 036
9.23	19.06 376
6.25	13 149
0.08	9 102
7	22 004
	149
8.08	8.08 054
7	7 462
1.06	10 149
12	30 101
6.33	3.04 116
9	12 116
0.69	5.98 104
4	15 149

38	38 250
1.85	17 046
2	7 053
10	10 374
	050
3	24 046
9	33 382
13	13 119
1	10 046
1	20 002
0.61	16.76 016
10	20 016
3	13 250
1.38	8 449
5.35	5.35 128
4.04	37 116
10	3 456
18	8 149
7.65	7.65 250
6	4 102
3	13 002
20.77	20.77 462
3	22 382
2	41 307
4	13 404
3	15 149
3	14 302
14	14 368
4	41 304
1.58	12 050
0.08	16 068
9	9 028
12	5 116
10	25 046
4	21 146
8	29 046
0.46	5 462
2	2 462
2.5	2.5 168
6.62	6.62 116
13	036
	046
0.77	0.77 430
6.33	12.25 101
	382
3.53	21.76 049
10.88	3.83 462

0.15	0.15 497
13	6 001
34.23	0.62 378
20	30.05 049
4	4 376
40	40 368
7.77	11.15 149
5	21 046
11	20 368
12	22 046
20	41.23 050
1.58	30 116
7.62	21 462
1.46	25 016
16	16 128
17.38	17.38 462
5.38	5.85 036
1.58	30 050
3.81	5.12 149
5	5 036
10.08	10.08 104
7	20 036
12.25	12.25 016
2	2 368
1	24 102
	116
7.31	7.31 044
10.19	3.69 269
8.29	3.35 050
15	15 175
8	5 149
0.87	8.19 002
12	12 102
26.9	16.48 044
35	12 116
32.13	2.25 010
21	21 149
2.19	23 418
	036
12	35 036
8	8 319
3	22.9 149
9.58	9.58 053
9	9 046
1.38	1.38 046
0.28	17 016
1.88	13 250

4	036
11.61	15 036
3	30 368
5.5	5.5 046
7.23	5 049
7.58	30.15 104
18.02	3.31 368
0.38	0.38 016
5	27 050
2.48	38.48 316
4.81	24.65 149
0.12	0.12 046
3	40 104
0.25	10 149
2.58	8 036
12	6 106
12.12	12.12 101
47	7 104
22	22 016
3	41 146
5	29 116
17	31 462
2	18.23 036
2.61	18 050
2.44	28 250
1	5 495
3	18 046
4.62	4.62 128
15	30 418
8.46	9.48 404
10.31	8 102
12	12 049
1	12 149
1.62	9.62 128
	036
6	1 349
9.98	11.5 149
10.92	10.92 250
1.08	15 046
2.33	11.71 418
2	13 462
2	9 046
2.85	18 462
14.03	2.88 016
2.5	17 462
19	23 050
0.62	19 149

2	27 046
3.21	23 049
13.46	0.69 009
5.44	5.44 036
0.35	17 149
4	22 102
2	1.46 101
	116
9.42	0.65 102
2.58	2.58 101
8.83	15.83 101
9.85	42 050
15	37 334
12.08	7.12 049
8.1	15 149
8	30 050
	116
4	34 449
3.77	24.38 404
19	34 016
10	10 495
7.5	20 368
16	30 046
1.38	20 016
7.04	7.04 050
15	15 168
3.08	15 049
1	13.62 149
1.56	10 149
3.48	3.48 053
0.5	4 116
1.9	0.21 053
8.37	10.48 004
11	40 368
0.62	35 116
0.94	0.94 036
30	30 004
11.38	25 146
1.46	1.46 462
29.37	7.37 036
29	29 128
12	43 050
12	16 462
5	5 035
	149
1.1	1.1 036
5	17 050

0.69	0.69 418
14.12	1.71 368
9.23	9.23 462
26.67	26 374
9	2 116
7.04	6.19 053
0.92	24 116
2.87	21.35 036
13	1 043
40.46	40.46 250
40	40 269
9.5	2 265
0.79	10.42 036
2.54	2.54 462
4	4 302
1.54	1.54 050
3	7.77 462
2.5	32 302
12	12 302
5	14.54 462
3	37 462
24.46	24.46 351
6	2 316
0.29	4 462
1	10 464
3	20 049
1.13	1.13 053
10	10 449
4.12	4.12 250
1.58	1.92 101
30.38	3 462
10.38	10.38 128
7	30 387
1.77	29.23 036
10.9	10.21 116
11	13.29 049
1.27	4.63 462
20.73	4.11 050
4	10 046
28	0.69 116
27	4 116
24	3 116
4.35	21 102
1.46	11 002
12.77	22.54 053
1	24 002
5	5 050

22	22 368
6	7 002
0.31	39 418
	102
0.84	368
3	27 036
6.67	6.67 046
3	27 036
2	26 149
3	7 462
1.69	3 368
6	5 028
1.25	16 046
8	13 449
1	34 378
9.42	19.6 049
6.9	6.4 175
5.77	6.38 046
	33 046
2.79	0.02 116
35.06	35.06 046
10.08	10.08 116
30	30 016
9	35 116
12	116
32	32 044
35	35 044
38	38 036
9	10 414
3.19	20 036
3	5 002
6	30 046
7	22 149
7	5 462
1.46	15 449
3	21 449
7	11.23 382
14	23 104
10	3 365
0.31	39 036
	36 449
2	2 036
21.54	9.77 378
33	5 372
4	25 304
9.67	9.67 046
6.31	29.31 046

0.69	13.42	046
6.31	12.81	104
0.58	0.58	149
2.23	0.77	106
	30	116
24.61	10.25	304
13	13	304
1.15	19	250
11.33	11.33	302
1	1	016
17	17	046
17	17	116
0.61		046
19	19	116
10.15	10.15	449
7	7	462
19	37	028
1.02	12.31	002
5	17	002
0.79	16.06	418
1	12	050
2	16	102
2	1	101
0.08	1	462
		149
8.38	8.38	116
0.27	9	016
11.35	20.38	036
		462
14	14	382
6	6	101
2	20	404
24.05	16.53	036
0.76	23	004
30	26	044
44	44	036
34	22	269
0.81	40	050
		304
9	34	016
3	3	176
3	12	028
1.5		036
7	4	404
8.15	1.08	111
5	25	449
5	5	316

11	23 481
2.5	30 036
5.42	5.42 036
8.62	8.62 102
14	25 102
0.5	0.5 462
3.13	15.5 046
1.4	13 102
4	1 149
7	4 462
38	15 269
5.1	5.1 149
40	25 328
19	19 050
2	4 050
0.54	8.38 102
5	28 368
	102
	053
7	10 050
1.87	2.08 016
7.5	0.06 265
2	12 046
5	18 376
3	6 050
5	3 050
23.04	23.04 368
3.31	054
11.19	149
8	8 304
9.5	25 016
9	9 116
0.69	8 497
1.12	31.58 104
4	25 481
43	43 116
15	22 049
35	35 046
4	4 036
8.54	8.54 046
5	5 101
11.54	9.9 054
12	12 053
0.31	4 101
9	34 053
7.58	2 109
0.88	13.46 050

6.44	4.19 311
2.15	3.85 102
12	25 049
7.15	24 116
10.65	15 036
0.63	3 149
2	302
9.08	9.08 374
7	11 050
6.69	6.69 016
12.13	36.13 102
5	8 050
10.21	7.21 116
0.06	34 368
	199
3	15 462
11	11 316
1.73	1.73 149
10	20 002
6.58	26 116
6	28 016
10	0.81 101
0.69	21.85 149
3	4 149
2	28 250
0.4	20.77 149
10	6 462
9.63	8.63 462
1	8 036
0.69	15 128
6.88	1.27 044
6	30 016
18	10 116
15	15 002
7.31	3 149
5	22 036
2.75	2.75 221
3	2.75 116
1	23 036
7	10 379
11.67	0.42 462
0.27	16 104
6.56	13.08 036
4	2 250
2.69	30.69 036
25	20 104
	333

0.81	12 036
5.13	5.13 302
0.23	5 462
	301
8.5	8.5 054
	116
6	14 449
2	28 036
7	20 046
2	23 149
1.62	35.58 036
2.23	8.69 462
10	5 149
4	20 149
2	30 116
14	12 116
11.42	6.04 116
5.15	5.15 368
1.21	1.21 149
6.92	1.98 050
12	12 102
30	30 016
20	20 016
3.46	23.08 116
23	23 016
1.46	27.46 008
	449
3.08	36 302
3	0.32 049
7.15	22 462
5.17	5.17 050
2	6 053
	036
12.15	32 269
17	17 462
4	20 036
15.04	2.4 348
11.69	11.69 049
	149
5	16 116
2.23	1 316
18.23	18.23 046
8.38	0.13 016
6	35 149
6	10 250
7	7 149
2	2 053

0.38	0.38 116
1.87	1.87 376
40	8.08 149
36	36 046
40	40 050
2	30 046
5	13 449
4.46	32 307
1.38	22 101
14	16 101
8.85	8.85 036
0.9	1.54 328
4.79	1.29 128
16	26 046
1.17	14 046
4	20 028
14	14 002
3.5	41 102
8	8 368
8.23	6.23 462
8.38	8.38 149
2.85	0.85 250
4.08	17 102
6	11 002
1.69	11 046
14	6 481
5	10 146
9	5 399
9	9 046
17.42	1.65 016
1.85	1.85 376
0.62	0.13 101
0.69	16 053
4	10 146
	302
30	30 302
13	13 462
4	2 104
5	20 116
2	7 049
14.46	14.46 036
8.15	8.15 036
1.62	32 046
2	2 304
12.92	12.92 156
5.17	5.17 102
32.08	13.94 101

40	33 168
40	10 104
	016
7	19 046
0.62	0.62 050
8	8 462
0.25	0.25 054
6	12 036
2.38	8 102
3.4	7 016
1.15	5 102
0.69	0.69 265
17.08	7 495
10	3.07 050
	495
7	21 102
14	7 269
5	20 149
3.98	3.98 046
3.1	3.1 462
1.79	41.63 104
4	4 036
0.31	9.63 053
2.44	10.44 250
8	7 101
12	11 149
8.75	8.75 116
5.54	5.54 146
8.62	8.62 146
23.5	23.5 106
15.62	5.02 032
5.31	6.85 462
13.69	11.69 050
6.35	6.35 368
3	14 036
3	3 102
0.75	6.54 418
2	035
	116
18	18 368
	316
6	6 050
8.83	4.83 128
9.23	9.23 494
4	4 316
10	10 418
7	7 116

13	30 116
8	8 495
14	36 036
5	8 146
5	2 046
35.75	2.08 116
2	22 116
33	33 001
2.65	2.65 116
14	14 002
5.13	5.13 101
5	25 481
0.54	29 149
3.12	3.12 050
5	15 016
18	18 250
11	11 462
3.54	3.54 449
9	24 418
12	14 334
2	2 462
3	21 250
1.48	12 046
2.52	1.73 049
8	25 404
1.35	1.35 053
0.31	21.23 404
0.31	6 404
6.23	6.23 002
6.75	6.75 404
3.19	9.19 481
19	10 374
7	8 309
5	7 101
13.65	0.37 101
2	0.21 109
	299
18	18 036
4.87	19.83 250
1.15	102
11.77	6.12 004
40	29 378
3.08	3.08 116
34.31	4.19 269
	316
2	42 102
11.23	11.23 384

16	6 462
1	1 316
2.38	22 116
7.85	7.85 116
2.77	0.94 101
10	10 149
6.48	12 269
2.46	27.88 101
5	11.38 050
5	26 449
3.81	2 418
5	27.69 199
1	4.33 462
1.33	15 104
1.46	0.1 462
10	25.5 250
0.23	21 302
14	21 106
17	17 082
0.44	0.44 050
2.38	1.88 046
17	6 109
20	20 269
8.57	26.15 302
3	30 334
20	20 462
2	14 016
3	9.26 016
6	16 462
0.77	0.77 149
5.54	0.06 462
4	4 001
3	25.62 149
2	9 462
3	3 149
1	31 368
1.08	5 046
1.62	1.62 481
1.08	18 102
23.46	23.46 102
9	18 149
8.19	8.19 311
5.35	5.35 304
7	25 449
2.33	7 593
26	5 046
41.98	7.25 269

24	24 036
41.5	41.5 046
0.12	31 149
10	10 050
1.58	10 128
11.17	11.17 149
	20 399
15	15 050
2.85	5.5 418
1.53	23 016
2.62	0.81 053
0.23	0.23 016
7.04	19 049
16	16 050
8.17	29.17 046
2	4 462
16.77	5.1 464
3	25 016
8.21	12.29 050
2.19	2.19 182
13	21 304
24	24 046
1	30 049
9	38 462
	304
13	13 462
1	3 462
3.15	0.23 374
8.38	8.38 495
3	31 368
16.77	16.77 046
2	10 316
5	25 004
8	8 462
0.77	10 046
7.85	7.85 053
1	14 049
0.17	8 036
0.27	3 495
36	36 368
3.4	13.4 028
25.15	18.07 269
14.13	2.33 053
1.46	0.69 146
4.5	21.5 102
4.81	4.81 334
0.65	20.65 334

0.5	20 343
11	22 418
6.25	1.98 106
42.12	3.15 345
33.32	3.25 269
	154
23	23 004
13	13 036
10	10 374
1	5.54 462
1.46	22 462
14	14 489
1.62	10.46 046
7	7 101
2	6 146
10	16 036
	146
3	3 462
2	32.46 149
18	2 462
0.23	0.23 046
	102
8	30 250
12	12 149
0.19	6.08 149
40	6 104
14.12	5.75 004
6.96	35.85 149
31	31 016
22	22 016
2	3.19 053
12	35 404
	116
4	36 046
7	13 368
3.69	23 149
7.62	35 036
1.48	11.13 053
1.06	1.06 481
3	3 116
6.19	8.19 250
1.58	5 265
2.54	2.15 050
3	7 049
2.06	2.06 404
2	2 016
7.65	6 462

0.73	12 036
15.31	15.31 099
4.69	16.69 036
	050
4	37 046
0.46	21 318
0.08	8.42 046
6	24 102
5.77	30.77 102
1.56	26 307
32.5	32.5 269
32	3.62 368
20	20 250
29	12 157
1.62	6 462
20	18 489
1.58	33.58 102
6	14 046
18	35 050
19	40 046
6	6 046
17.77	17.77 116
1.38	1.38 418
12	12 462
8	3 462
5.06	10.54 418
1	24 316
	462
6	1 462
0.23	7 149
7	27 046
24	24 328
	046
	054
	102
4.62	1.23 250
8.29	33.29 053
10.4	11.19 250
7.85	6.21 050
0.67	5.58 053
29	29 116
30	30 146
1.1	26 053
7.02	7.02 108
20	10 002
22.94	21.94 462
17	17 250

1.21	3 049
	016
10	20 046
3.54	3.54 462
1.4	1.4 149
2.69	4.46 149
1.06	11 050
12	12 046
4	38 046
3.46	9.46 050
3.08	6 049
8.5	16 046
6	2 149
	149
2.63	7.63 036
1.23	25 149
0.15	0.15 199
3.92	23 102
0.29	17 049
7.35	7.35 374
2.77	8.94 462
3	6 376
23	23 376
19.56	19.56 050
2	10 149
2	36 036
0.62	8 049
9	20 368
6.15	9.31 036
9	19 002
12	32 116
	046
23	23 101
8	25 050
1	15 036
0.04	0.13 462
5	27 149
0.48	4.67 404
5	0.19 053
2.69	37 036
10	35 016
32	1 010
39	14 378
7	7 028
3.48	10 149
20	20 016
10	10 304

17	17 418
11.4	1.8 036
2.67	29 046
3.23	21.23 036
1	1 250
1.23	15.48 050
0.77	35 489
7	41 368
0.92	0.92 036
8.06	8 495
7.75	13.75 101
8.31	46.58 053
18.25	13.19 036
	40 319
12	12 494
0.67	4.79 149
12	8 149
10	25 104
4.4	12.87 035
0.08	10 376
1.5	25 334
7.48	26.28 049
37.15	34.15 104
15.38	6.38 199
2.48	25 016
22	10 116
28	28 036
24.19	21.8 302
3.62	29 036
4	25 016
4	4 368
20	20 176
3	14 036
7.42	18.69 102
10	10 462
12	12 109
4.38	20 046
9.77	21 376
3.46	18 102
5.31	5.31 046
4.04	8.04 418
6	30 046
2.25	28 462
11	8 489
4.62	0.69 101
3.46	2.38 016
23.96	23.96 053

7.31	7.31 050
10.35	18.83 102
12.5	22 149
1.31	9.31 046
0.71	0.71 050
8	22 036
8	5 269
35	30 004
23.67	23.67 304
29.08	29.08 368
18	18 368
24.65	27.92 102
6.73	7 016
5	10 462
4	37 050
8	8 053
0.92	8 036
1.08	18.54 036
3	12 481
6.23	10.23 250
5	5 046
5.08	17.08 036
2	2 368
6.77	27 116
8	10 102
1	10 149
4.38	4.38 036
6.02	27 028
8.58	10.67 382
39	39 149
17.19	2.08 040
23.06	4.77 044
21.31	17.38 044
13	10 269
13	13 016
10	32.5 050
3	3 046
7.31	7.31 104
11.9	11.9 116
32	14 016
29.5	29.5 036
29	29 050
0.23	20.23 250
1.08	14 053
10.67	7.8 078
1.52	6 116
	101

2	5 378
5	16 054
0.85	1.31 050
7	36 368
13	13 050
2.69	2.69 462
15	36 028
6	6 116
9.46	36 102
2	8 102
4.31	20 002
0.5	0.5 016
0.23	3 049
2	2 104
0.5	25 046
4	30 382
0.15	15 004
5	2 104
12	20 104
1.69	4.69 316
27.6	3.25 036
9	2.92 216
33	33 036
40	40 036
6	29 368
18	4 016
2	8 146
0.15	14.69 102
4	10 316
0.34	9 046
3.85	6.5 481
1	15 102
2.25	2.25 046
2	2 462
4	4 149
0.38	3.46 053
2	10 036
8.35	8.35 104
13	2 116
1	40 016
3.06	5.58 036
0.25	15.56 050
6.85	17.98 104
0.31	18 116
10	8 269
40.08	35.23 104
43	12 494

1.08	1.08 146
9.5	9.5 078
7	7 149
1.04	1 149
2.21	24 299
9	9 462
5	5 009
10	15 036
3.62	3.62 054
7.69	2.77 050
4.08	6.08 250
10	5 365
0.92	0.92 116
3	15 481
2	36 046
2.46	17.31 046

OCCUPATION
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Mine manager, Mine foreman, Mine owner
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Utility man, Errand boy, Service truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Electrician, Lineman
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Utility man, Shift tech, Service/Dump truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator

Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Trackman, Track worker, Track gang
Continuous miner operator, Coal mole operator
Superintendent
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Blaster, Shooter, Shotfirer, Explosive worker, Powder gang/monkey
Electrician, Lineman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Superintendent
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Utility man, Errand boy, Service truck operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Prep plant foreman, Supervisor, Mill plant supervisor, Kiln supervisor
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Continuous miner operator, Coal mole operator
Electrician, Lineman
Safety representative
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Electrician, Lineman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner

Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Scoop tram operator, Load/Haul/Dump operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Prep plant foreman, Supervisor, Mill plant supervisor, Kiln supervisor
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Electrician, Lineman
Master mechanic, Foreman, Supervisor
Rock duster
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Electrician, Lineman
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Belt foreman, Maintenance foreman, Maintenance supervisor
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Master mechanic, Foreman, Supervisor
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Prep plant foreman, Supervisor, Mill plant supervisor, Kiln supervisor
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)

Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Trackman, Track worker, Track gang
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Utility man, Errand boy, Service truck operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Safety representative
Supply man, Supply worker, Nipper
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Safety director
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Electrician, Lineman
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Master mechanic, Foreman, Supervisor
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Electrician, Lineman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Continuous miner operator, Coal mole operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Scoop tram operator, Load/Haul/Dump operator
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)

Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Drill operator
Superintendent
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Errand boy, Service truck operator
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Utility man, Errand boy, Service truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Trackman, Track worker, Track gang
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Quality control technician, Laboratory technician, Laboratory assistant
Electrician, Lineman
Utility man, Errand boy, Service truck operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Utility man, Errand boy, Service truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Continuous miner operator, Coal mole operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Drill operator
Utility man, Shift tech, Service/Dump truck operator
Master mechanic, Foreman, Supervisor
Continuous miner operator, Coal mole operator
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Electrician, Lineman
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator

Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Continuous miner operator, Coal mole operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Electrician, Lineman
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Utility man, Errand boy, Service truck operator
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Outside foreman, Leadman
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Safety representative
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Blaster, Shooter, Shotfirer, Explosive worker, Powder gang/monkey
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope

Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Dispatcher
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Dispatcher
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Quality control technician, Laboratory technician, Laboratory assistant
Belt foreman, Maintenance foreman, Maintenance supervisor
Continuous miner operator, Coal mole operator
Driller, Highwall operator, Highwall drill operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Master mechanic, Foreman, Supervisor
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Belt foreman, Maintenance foreman, Maintenance supervisor
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Supply man, Supply worker, Nipper
Utility man, Shift tech, Service/Dump truck operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Continuous miner operator, Coal mole operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Utility man, Errand boy, Service truck operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Electrician, Lineman
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Continuous miner operator, Coal mole operator
Longwall operator, Chock operator, Shear operator, Plow operator
Miner, NEC
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Continuous miner operator, Coal mole operator

Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Continuous miner operator, Coal mole operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Mine manager, Mine foreman, Mine owner
Belt foreman, Maintenance foreman, Maintenance supervisor
Drill operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Dispatcher
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Dispatcher
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Shift tech, Service/Dump truck operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Miner, NEC
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Belt foreman, Maintenance foreman, Maintenance supervisor
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Cutting machine operator, Ripper, Universal operator
Electrician, Lineman
Superintendent
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Belt foreman, Maintenance foreman, Maintenance supervisor
Electrician, Lineman
Safety director
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)

Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Hoistman, Hoist operator
Master mechanic, Foreman, Supervisor
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Drill operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Drill operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Backhoe operator, Trackhoe operator, Crane operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Belt foreman, Maintenance foreman, Maintenance supervisor
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Electrician, Lineman
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Mine manager, Mine foreman, Mine owner
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Drill operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Master mechanic, Foreman, Supervisor
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Belt foreman, Maintenance foreman, Maintenance supervisor
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Belt foreman, Maintenance foreman, Maintenance supervisor

Electrician, Lineman
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Superintendent
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Superintendent
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Continuous miner operator, Coal mole operator
Utility man, Errand boy, Service truck operator
Safety director
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Longwall operator, Chock operator, Shear operator, Plow operator
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
LW Propman, Propman helper, Move crew if LW, Move-up man, Jacksetter, Advanceman LW help
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Clerk, Timekeeper, Office worker, Director of sales

Supply man, Supply worker, Nipper
Drill helper
Electrician, Lineman
Electrician, Lineman
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Electrician, Lineman
Utility man, Errand boy, Service truck operator
Continuous miner operator, Coal mole operator
Dispatcher
Continuous miner operator, Coal mole operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Coal sampler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Safety director
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Master mechanic, Foreman, Supervisor
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Shift tech, Service/Dump truck operator
Electrician, Lineman
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Wireman, Communications man
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Mine manager, Mine foreman, Mine owner
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Mine manager, Mine foreman, Mine owner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)

Longwall operator, Chock operator, Shear operator, Plow operator
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Electrician, Lineman
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Supply man, Supply worker, Nipper
Belt foreman, Maintenance foreman, Maintenance supervisor
Electrician, Lineman
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Drill operator
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Electrician, Lineman
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Driller, Highwall operator, Highwall drill operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Utility man, Errand boy, Service truck operator

Scoop tram operator, Load/Haul/Dump operator
Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Timberman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Electrician, Lineman
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Utility man, Errand boy, Service truck operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Utility man, Errand boy, Service truck operator
Safety director
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Continuous miner operator, Coal mole operator
Master mechanic, Foreman, Supervisor
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Pumper
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Dispatcher
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Continuous miner operator, Coal mole operator
Hoistman, Hoist operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Electrician, Lineman
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss

Mine manager, Mine foreman, Mine owner
Electrician, Lineman
Miner, Prospector, NEC
Continuous miner operator, Coal mole operator
Electrician, Lineman
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Utility man, Errand boy, Service truck operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Safety representative
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Fan attendant
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Mine manager, Mine foreman, Mine owner
Belt foreman, Maintenance foreman, Maintenance supervisor
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Assayer, Geologist, Metallurgist, Engineer, Engineer management
Electrician, Lineman
Electrician, Lineman
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss

Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Utility man, Errand boy, Service truck operator
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Welder
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Mine manager, Mine foreman, Mine owner
Scoop tram operator, Load/Haul/Dump operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Assayer, Geologist, Metallurgist, Engineer, Engineer management
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Blaster, Shooter, Shotfirer, Explosive worker, Powder gang/monkey
Master mechanic, Foreman, Supervisor
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Assistant mine foreman, Assistant mine manager
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner

Clerk, Timekeeper, Office worker, Director of sales
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Scoop tram operator, Load/Haul/Dump operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Electrician, Lineman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Longwall operator, Chock operator, Shear operator, Plow operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Grader operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Electrician, Lineman
Longwall operator, Chock operator, Shear operator, Plow operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Timberman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Belt foreman, Maintenance foreman, Maintenance supervisor
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Welder (shop)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Utility man, Errand boy, Service truck operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator

Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Rock duster
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Safety director
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Scoop tram operator, Load/Haul/Dump operator
Belt foreman, Maintenance foreman, Maintenance supervisor
Master mechanic, Foreman, Supervisor
Electrician, Lineman
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Scoop tram operator, Load/Haul/Dump operator
Continuous miner operator, Coal mole operator
Rotary dump operator, Car dump operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Belt foreman, Maintenance foreman, Maintenance supervisor
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss

Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Supply man, Supply worker, Nipper
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Drill operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Mine manager, Mine foreman, Mine owner
Master mechanic, Foreman, Supervisor
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Safety director
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Utility man, Errand boy, Service truck operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Utility man, Errand boy, Service truck operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Scoop tram operator, Load/Haul/Dump operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner helper, Coal mole helper, Bridgeman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator

Belt foreman, Maintenance foreman, Maintenance supervisor
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Utility man, Errand boy, Service truck operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Gathering arm loader operator, Loading machine operator, Joy loader operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Dispatcher
Continuous miner operator, Coal mole operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Electrician, Lineman
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Scoop tram operator, Load/Haul/Dump operator
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Inspector
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Utility man, Errand boy, Service truck operator
Mine manager, Mine foreman, Mine owner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Scoop tram operator, Load/Haul/Dump operator
Rotary bucket excavator operator
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Electrician, Lineman
Utility man, Errand boy, Service truck operator
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator

Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Electrician, Lineman
Belt foreman, Maintenance foreman, Maintenance supervisor
Electrician, Lineman
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Mine manager, Mine foreman, Mine owner
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Grader operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Longwall operator, Chock operator, Shear operator, Plow operator
Longwall operator, Chock operator, Shear operator, Plow operator
Continuous miner operator, Coal mole operator
Quality control technician, Laboratory technician, Laboratory assistant
Continuous miner operator, Coal mole operator
Electrician, Lineman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Mine manager, Mine foreman, Mine owner
Mine manager, Mine foreman, Mine owner
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Dispatcher
Continuous miner operator, Coal mole operator
Mine manager, Mine foreman, Mine owner
Continuous miner operator, Coal mole operator
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Barge/Boat/Dredge/Towbarge/Towboat/Leach operator, Riverman, Deck hand
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)

Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Rock duster
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Mine manager, Mine foreman, Mine owner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Electrician, Lineman
Electrician, Lineman
Belt foreman, Maintenance foreman, Maintenance supervisor
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Master mechanic, Foreman, Supervisor
Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Longwall operator, Chock operator, Shear operator, Plow operator
Continuous miner operator, Coal mole operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Truck driver
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Continuous miner operator, Coal mole operator
Master mechanic, Foreman, Supervisor
Wireman, Communications man
Mine manager, Mine foreman, Mine owner
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman

Superintendent
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Electrician, Lineman
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Utility man, Shift tech, Service/Dump truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Electrician, Lineman
Utility man, Errand boy, Service truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Dispatcher
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Clerk, Timekeeper, Office worker, Director of sales
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Superintendent
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Utility man, Errand boy, Service truck operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Utility man, Errand boy, Service truck operator
Supply man, Supply worker, Nipper
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator

Wireman, Communications man
Electrician, Lineman
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Miner, NEC
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Electrician, Lineman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Scoop tram operator, Load/Haul/Dump operator
Longwall operator, Chock operator, Shear operator, Plow operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Hoistman, Hoist operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Dryer operator, Kiln operator, Dry plant operator, Fluid operator, Bed dryer operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Drill helper

Continuous miner operator, Coal mole operator
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Mine manager, Mine foreman, Mine owner
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Stopping builder, Ventilation man, Mason man, Overcast
Mine manager, Mine foreman, Mine owner
Electrician, Lineman
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Errand boy, Service truck operator
Continuous miner operator, Coal mole operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Continuous miner operator, Coal mole operator
Machinist
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Utility man, Errand boy, Service truck operator

Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Mine manager, Mine foreman, Mine owner
Blaster, Shooter, Shotfirer, Explosive worker, Powder gang/monkey
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Continuous miner operator, Coal mole operator
Utility man, Shift tech, Service/Dump truck operator
Scoop tram operator, Load/Haul/Dump operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Electrician, Lineman
Electrician, Lineman
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Electrician, Lineman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Superintendent
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Miner, Prospector, NEC
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Utility man, Errand boy, Service truck operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Rock driller
Electrician, Lineman
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv

Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Continuous miner operator, Coal mole operator
Electrician, Lineman
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Dispatcher
Safety director
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Safety director
Electrician, Lineman
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Continuous miner operator, Coal mole operator
Utility man, Errand boy, Service truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Rock duster
Brattice man/worker
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Continuous miner operator, Coal mole operator
Electrician, Lineman
Belt foreman, Maintenance foreman, Maintenance supervisor
Continuous miner helper, Coal mole helper, Bridgeman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Scoop tram operator, Load/Haul/Dump operator
Prep plant foreman, Supervisor, Mill plant supervisor, Kiln supervisor
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Belt foreman, Maintenance foreman, Maintenance supervisor
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler

Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Safety director
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Superintendent
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Mine manager, Mine foreman, Mine owner
Belt foreman, Maintenance foreman, Maintenance supervisor
Drill operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Master mechanic, Foreman, Supervisor
Utility man, Errand boy, Service truck operator
Master mechanic, Foreman, Supervisor
Master mechanic, Foreman, Supervisor
Electrician, Lineman
Master mechanic, Foreman, Supervisor
Superintendent
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Supply man, Nipper
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Supply man, Supply worker, Nipper
Miner, NEC
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Electrician, Lineman
Driller, Highwall operator, Highwall drill operator

Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Mine manager, Mine foreman, Mine owner
Belt foreman, Maintenance foreman, Maintenance supervisor
Miner, NEC
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Rock duster
Front-end loader operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Supply man, Supply worker, Nipper
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Electrician, Lineman
Drill operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Superintendent
Electrician, Lineman
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Wireman, Communications man
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Mine manager, Mine foreman, Mine owner
Safety representative
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Motorman, Motor person, Swamper, Switchman, Locomotive operator

Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Scoop tram operator, Load/Haul/Dump operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Miner, Prospector, NEC
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Belt foreman, Maintenance foreman, Maintenance supervisor
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Utility man, Errand boy, Service truck operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Inspector
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Front-end loader operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Safety director
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Utility man, Errand boy, Service truck operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Continuous miner operator, Coal mole operator
Safety director
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Utility man, Errand boy, Service truck operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Drill operator
Drill operator

Car trimmer, Car loader, Bin puller, Truck loader
Belt foreman, Maintenance foreman, Maintenance supervisor
Rock duster
Crusher attendant/operator, Pan feeder operator/worker
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Belt cleaner, Picker
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Continuous miner operator, Coal mole operator
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Outside foreman, Leadman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Utility man, Errand boy, Service truck operator
Master mechanic, Foreman, Supervisor
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Utility man, Errand boy, Service truck operator
Superintendent
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Dispatcher
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Master mechanic, Foreman, Supervisor
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner

Continuous miner operator, Coal mole operator
Miner, NEC
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Greaser, Grease man, Oiler, Lube man, Dragline oiler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Electrician, Lineman
Blaster, Shooter, Shotfirer, Explosive worker, Powder gang/monkey
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Pumper
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Outside foreman, Leadman
Electrician, Lineman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Belt foreman, Maintenance foreman, Maintenance supervisor
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Belt foreman, Maintenance foreman, Maintenance supervisor
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Utility man, Shift tech, Service/Dump truck operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Electrician, Lineman
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Errand boy, Service truck operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Errand boy, Service truck operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Utility man, Errand boy, Service truck operator
Stopping builder, Ventilation man, Mason man, Overcast
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator

Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Miner, NEC
Electrician, Lineman
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Warehouseman, Bagger, Palletizer/Stacker, Store keeper, Packager, Fabricator, Cleaning plant ope
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Continuous miner operator, Coal mole operator
Electrician, Lineman
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Continuous miner operator, Coal mole operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Master mechanic, Foreman, Supervisor
Utility man, Errand boy, Service truck operator
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Timberman
Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec

Belt foreman, Maintenance foreman, Maintenance supervisor
Continuous miner operator, Coal mole operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Outside foreman, Leadman
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Continuous miner operator, Coal mole operator
Safety director
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Utility man, Errand boy, Service truck operator
Continuous miner operator, Coal mole operator
Welder (shop)
Prep plant foreman, Supervisor, Mill plant supervisor, Kiln supervisor
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Continuous miner helper, Coal mole helper, Bridgeman
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Drill operator
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Miner, NEC
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Electrician, Lineman
Continuous miner operator, Coal mole operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Truck driver
Continuous miner operator, Coal mole operator
Electrician, Lineman
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Supply man, Supply worker, Nipper
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Haul/Off road/Coal/Ore/Pit/Quarry/Rock/Rubber tire truck driver, Transportation truck driver
Electrician, Lineman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Belt foreman, Maintenance foreman, Maintenance supervisor
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Outside foreman, Leadman
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Utility man, Errand boy, Service truck operator

Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Continuous miner operator, Coal mole operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Electrician, Lineman
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Errand boy, Service truck operator
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Superintendent
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Continuous miner operator, Coal mole operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Continuous miner operator, Coal mole operator
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Headgate operator
Longwall operator, Chock operator, Shear operator, Plow operator
Longwall operator, Chock operator, Shear operator, Plow operator
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Utility man, Errand boy, Service truck operator
Backhoe operator, Trackhoe operator, Crane operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Beltman, Conveyor man, Conveyor belt worker, Mobile bridge carrierman, Feeder operator, Conv

Crane operator, Mobile equipment operator (MEO), Dragline operator, Dropball operator, Rigger
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Scoop car/Scooptram operator, Load/Haul/Dump (LHD) operator, Teletram operator
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Electrician, Lineman
Electrician, Lineman
Electrician, Lineman
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Section foreman, Bullgang foreman, Labor foreman, Leadman, Shift boss
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Front-end loader, Scraper-loader operator, Pan operator, Payloader, Scraper rig operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Continuous miner operator, Coal mole operator
Trackman, Track worker, Track gang
Continuous miner operator, Coal mole operator
Continuous miner operator, Coal mole operator
Bulldozer operator, Universal operator, Heavy equipment operator, Operating engineer
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Electrician, Lineman
Laborer, Blacksmith, Bull gang, Parts runner, Roustabout, Pick-up man, Pitman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Superintendent
Electrician, Lineman
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Utility man, Errand boy, Service truck operator
Continuous miner operator, Coal mole operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Laborer, Bull gang, Faceman, Parts runner, Roustabout, Roof trimmer/scaler
Continuous miner operator, Coal mole operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Motorman, Motor person, Swamper, Switchman, Locomotive operator
Maintenance man, Mechanic, Repair/Serviceman, Boilermaker, Fueler, Tire tech, Field service tec
Prep plant foreman, Supervisor, Mill plant supervisor, Kiln supervisor

Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Backhoe operator, Trackhoe operator, Crane operator
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Bull gang foreman, Labor foreman, Leadman, Section foreman, Shift boss
Miner, NEC
Examiner, Fire boss, Pre-shift examiner, Mine examiner
Supply man, Supply worker, Nipper
Continuous miner operator, Coal mole operator
Discontinued 1/31/2014. Several other codes cover Scoop Car Operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Shuttle car operator, Mantrip operator, Ramcar operator, Rail runner, Buggy operator
Dispatcher
Laborer, Bull gang, Parts runner, Roustabout, Roof trimmer/scaler
Superintendent
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)
Roof bolter, Rock bolter, Pinner, Mobile roof support operator (MRS)

ACTIVITY_CD	ACTIVITY	INJURY_SOURCE_CD	INJURY_SOURCE
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)

087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
053	Front-end loader	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
038	Lay or repair railroad track	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
043	Office and lab work, Clerical	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)

050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
048	Crusher, Breaker	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
098	Other, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
073	Underground equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
055	Haulage or Dump truck	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
056	Hoist	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
055	Haulage or Dump truck	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
053	Front-end loader	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
055	Haulage or Dump truck	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
077	Roof bolter, Drilling	092	PULVERIZED MINERAL (DUST)

061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
089	Timbering, Build cribs	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
055	Haulage or Dump truck	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
055	Haulage or Dump truck	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)

069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
003	Blasting, Shoot coal	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
073	Underground equipment, NEC	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
054	Grader	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
066	Rock dust machine	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
073	Underground equipment, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)

039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
059	Loading machine	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
043	Office and lab work, Clerical	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)

072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
054	Grader	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
043	Office and lab work, Clerical	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
053	Front-end loader	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
046	Barge, Boat, Dredge	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
053	Front-end loader	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
098	Other, NEC	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)

098	Other, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
055	Haulage or Dump truck	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
043	Office and lab work, Clerical	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
066	Rock dust machine	092	PULVERIZED MINERAL (DUST)
082	Set or remove brattice	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
042	Observe operations	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
053	Front-end loader	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
073	Underground equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)

049	Continuous miner	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	093	SAND,GRAVEL,SHELL
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
036	Inspect equipment or mine	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
066	Rock dust machine	092	PULVERIZED MINERAL (DUST)
048	Crusher, Breaker	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
098	Other, NEC	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
066	Rock dust machine	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
098	Other, NEC	092	PULVERIZED MINERAL (DUST)
098	Other, NEC	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
003	Blasting, Shoot coal	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
043	Office and lab work, Clerical	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
042	Observe operations	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
050	Conveyor belt	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
073	Underground equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
047	Bulldozer	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
055	Haulage or Dump truck	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
061	Longwall, Shear, Plow	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
041	Move non-self-propelled equip	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
072	Surface equipment, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

088	Surface construction, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
058	Load-haul-dump (UG)	092	PULVERIZED MINERAL (DUST)
098	Other, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
020	Electrical maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
063	Mill equipment	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
026	Handling coal, Rock, Ore	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
060	Locomotive	092	PULVERIZED MINERAL (DUST)
039	Machine maintenance	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)

080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
021	Environmental tests or checks	092	PULVERIZED MINERAL (DUST)
028	Handling supplies or material	092	PULVERIZED MINERAL (DUST)
049	Continuous miner	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
069	Shuttle car, Ram car, Buggy	092	PULVERIZED MINERAL (DUST)
099	Unknown	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
087	Supervise	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)
080	Roof bolter, NEC	092	PULVERIZED MINERAL (DUST)

NATURE_INJURY_CD	NATURE_INJURY	INJ_BODY_PART_CD
293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430

293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430
293	PNEUMOCONIOSIS,BLACK LUNG	430

INJ_BODY_PART	SCHEDULE_CHARGE	DAYS_RESTRICT	DAYS_LOST
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	40
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	154
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	2400		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	94
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	21
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			5
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	33	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	23
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	6000	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	80
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	116
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	2100		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	137
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	140
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	126
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1800	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	137
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			16
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	30		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1800		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
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CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0		

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	300	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)			
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	600	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	1200	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	900		
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0
CHEST (RIBS/BREAST BONE/CHEST ORGNS)	0	0	0

TRANS_TERM	RETURN_TO_WORK_DT	IMMED_NOTIFY_CD	IMMED_NOTIFY
Y	4/27/2015	?	NO VALUE FOUND
N	10/6/2006	?	NO VALUE FOUND
Y	2/19/2010	?	NO VALUE FOUND
Y	1/24/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	9/30/2003	13	NOT MARKED
N	9/18/2014	?	NO VALUE FOUND
N	9/13/2004	?	NO VALUE FOUND
Y	4/19/2013	?	NO VALUE FOUND
N	2/11/2009	?	NO VALUE FOUND
Y	8/29/2014	?	NO VALUE FOUND
N	10/21/2011	?	NO VALUE FOUND
Y	9/21/2012	?	NO VALUE FOUND
N	11/28/2012	?	NO VALUE FOUND
N	5/21/2018	?	NO VALUE FOUND
N	8/21/2015	?	NO VALUE FOUND
Y	7/31/2014	?	NO VALUE FOUND
Y	4/27/2015	?	NO VALUE FOUND
N	10/31/2002	13	NOT MARKED
N	1/17/2014	?	NO VALUE FOUND
N	1/9/2003	13	NOT MARKED
N		13	NOT MARKED
N	9/20/2005	?	NO VALUE FOUND
N	8/13/2012	?	NO VALUE FOUND
Y	7/31/2003	13	NOT MARKED
Y	11/19/2015	?	NO VALUE FOUND
Y	1/27/2013	?	NO VALUE FOUND
Y	10/29/2013	?	NO VALUE FOUND
N	8/31/2012	?	NO VALUE FOUND
N	4/24/2019	?	NO VALUE FOUND
N	11/11/2012	?	NO VALUE FOUND
N	5/19/2021	?	NO VALUE FOUND
N	11/2/2015	?	NO VALUE FOUND
N	2/14/2003	13	NOT MARKED
N	6/27/2013	?	NO VALUE FOUND
Y	8/17/2012	?	NO VALUE FOUND
Y	8/8/2013	?	NO VALUE FOUND
Y	6/2/2014	?	NO VALUE FOUND
N	8/22/2014	?	NO VALUE FOUND
N	1/9/2014	?	NO VALUE FOUND
N	5/29/2015	?	NO VALUE FOUND
N	7/7/2015	?	NO VALUE FOUND
N	2/25/2003	13	NOT MARKED
N	2/7/2003	13	NOT MARKED
N	9/9/2013	?	NO VALUE FOUND
N	4/29/2018	?	NO VALUE FOUND

N	5/17/2023	?	NO VALUE FOUND
Y	11/19/2002	13	NOT MARKED
Y	8/9/2012	02	SERIOUS INJURY
Y	3/6/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	11/2/2004	?	NO VALUE FOUND
N	6/22/2009	?	NO VALUE FOUND
N	8/31/2015	?	NO VALUE FOUND
N	10/28/2013	?	NO VALUE FOUND
Y	5/8/2015	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	4/29/2009	?	NO VALUE FOUND
N	6/12/2009	?	NO VALUE FOUND
N	4/9/2007	?	NO VALUE FOUND
N	4/11/2013	?	NO VALUE FOUND
N	2/21/2022	?	NO VALUE FOUND
Y	6/29/2012	?	NO VALUE FOUND
N	9/15/2013	?	NO VALUE FOUND
Y	7/27/2014	?	NO VALUE FOUND
N	2/25/2014	?	NO VALUE FOUND
N	1/27/2014	?	NO VALUE FOUND
Y	7/1/2010	?	NO VALUE FOUND
N	8/29/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	3/18/2013	?	NO VALUE FOUND
N	10/2/2014	?	NO VALUE FOUND
Y	8/6/2012	?	NO VALUE FOUND
N	10/3/2016	?	NO VALUE FOUND
N	7/2/2014	?	NO VALUE FOUND
Y	1/30/2015	?	NO VALUE FOUND
N	8/11/2004	?	NO VALUE FOUND
Y	5/27/2014	?	NO VALUE FOUND
Y	7/31/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	8/6/2020	?	NO VALUE FOUND
N	5/15/2003	13	NOT MARKED
N	1/3/2013	?	NO VALUE FOUND
N	1/21/2011	02	SERIOUS INJURY
Y	8/6/2012	?	NO VALUE FOUND
Y	10/17/2015	?	NO VALUE FOUND
N	9/9/2016	?	NO VALUE FOUND
Y	3/23/2019	?	NO VALUE FOUND
N	3/22/2007	?	NO VALUE FOUND
N	5/20/2014	?	NO VALUE FOUND
N	1/3/2017	?	NO VALUE FOUND
Y	6/19/2009	02	SERIOUS INJURY
Y	4/13/2014	?	NO VALUE FOUND

N	11/27/2013	?	NO VALUE FOUND
Y	1/15/2013	?	NO VALUE FOUND
N	11/19/2015	?	NO VALUE FOUND
Y	12/13/2013	?	NO VALUE FOUND
N	12/31/2014	?	NO VALUE FOUND
N	6/24/2014	?	NO VALUE FOUND
N	9/16/2014	?	NO VALUE FOUND
N	2/21/2022	?	NO VALUE FOUND
N	1/10/2005	?	NO VALUE FOUND
Y	11/10/2015	02	SERIOUS INJURY
N	6/24/2013	?	NO VALUE FOUND
N	1/18/2010	?	NO VALUE FOUND
N	4/7/2015	?	NO VALUE FOUND
		?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/18/2016	?	NO VALUE FOUND
N	6/20/2008	?	NO VALUE FOUND
Y	12/23/2013	?	NO VALUE FOUND
Y	11/1/2015	?	NO VALUE FOUND
N	4/28/2017	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	8/21/2013	?	NO VALUE FOUND
Y	11/6/2018	?	NO VALUE FOUND
Y	6/1/1991	?	NO VALUE FOUND
Y	9/2/2011	?	NO VALUE FOUND
N	10/8/2003	13	NOT MARKED
N	5/15/2015	?	NO VALUE FOUND
N	5/21/2018	?	NO VALUE FOUND
N	3/16/2012	?	NO VALUE FOUND
Y	2/19/2014	?	NO VALUE FOUND
N	9/28/2009	?	NO VALUE FOUND
N	12/7/2017	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	2/5/2014	?	NO VALUE FOUND
N	2/6/2015	?	NO VALUE FOUND
Y	12/4/2020	?	NO VALUE FOUND
N	8/23/2016	?	NO VALUE FOUND
N	5/2/2017	?	NO VALUE FOUND
N	1/25/2017	?	NO VALUE FOUND
N	4/3/2012	?	NO VALUE FOUND
Y	6/13/2003	13	NOT MARKED
Y	6/18/2012	?	NO VALUE FOUND
N	12/30/2021	?	NO VALUE FOUND
N	7/5/2012	?	NO VALUE FOUND
N	5/16/2014	?	NO VALUE FOUND
Y	8/27/2004	?	NO VALUE FOUND
N	5/14/2010	?	NO VALUE FOUND

N	11/11/2013	?	NO VALUE FOUND
N	7/18/2012	?	NO VALUE FOUND
N	5/10/2013	?	NO VALUE FOUND
N	8/7/2015	?	NO VALUE FOUND
N	7/1/2015	?	NO VALUE FOUND
N	6/16/2016	?	NO VALUE FOUND
N	5/13/2009	?	NO VALUE FOUND
N	12/4/2014	?	NO VALUE FOUND
N	10/30/2006	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	9/12/2017	?	NO VALUE FOUND
N	2/15/2013	?	NO VALUE FOUND
N	6/24/2013	?	NO VALUE FOUND
Y	10/20/2008	?	NO VALUE FOUND
N	8/22/2013	?	NO VALUE FOUND
Y	1/31/2008	?	NO VALUE FOUND
Y	6/19/2009	02	SERIOUS INJURY
N	8/23/2022	?	NO VALUE FOUND
Y	8/31/2013	?	NO VALUE FOUND
N	6/11/2014	?	NO VALUE FOUND
N	7/1/2011	?	NO VALUE FOUND
N	5/15/2018	?	NO VALUE FOUND
N	7/1/2021	?	NO VALUE FOUND
N	9/26/2012	?	NO VALUE FOUND
N	5/5/2015	?	NO VALUE FOUND
Y	6/22/2012	?	NO VALUE FOUND
N	2/25/2011	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	10/2/2009	?	NO VALUE FOUND
N	8/22/2019	?	NO VALUE FOUND
N	8/15/2013	?	NO VALUE FOUND
N	7/22/2013	?	NO VALUE FOUND
Y	2/1/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/8/2014	?	NO VALUE FOUND
N	9/6/2007	?	NO VALUE FOUND
Y	6/6/2012	?	NO VALUE FOUND
Y	4/9/2013	?	NO VALUE FOUND
N	12/10/2012	?	NO VALUE FOUND
N	6/24/2017	?	NO VALUE FOUND
N	4/28/2005	?	NO VALUE FOUND
N	5/16/2018	?	NO VALUE FOUND
Y	3/1/2016	?	NO VALUE FOUND
N	2/18/2003	13	NOT MARKED
N	7/29/2008	?	NO VALUE FOUND
N	6/6/2016	?	NO VALUE FOUND
N	3/30/2007	?	NO VALUE FOUND

N	3/10/2003	13	NOT MARKED
N	5/6/2011	?	NO VALUE FOUND
Y	12/19/2015	?	NO VALUE FOUND
N	1/28/2016	?	NO VALUE FOUND
N	2/5/2014	?	NO VALUE FOUND
N	1/13/2022	?	NO VALUE FOUND
N	12/11/2014	?	NO VALUE FOUND
N	1/31/2023	?	NO VALUE FOUND
N	10/2/2007	?	NO VALUE FOUND
Y	10/24/2014	?	NO VALUE FOUND
N	6/26/2013	?	NO VALUE FOUND
Y	12/26/2014	?	NO VALUE FOUND
N	5/4/2010	?	NO VALUE FOUND
N	5/3/2013	?	NO VALUE FOUND
Y	1/23/2013	?	NO VALUE FOUND
N	7/13/2022	?	NO VALUE FOUND
N	1/15/2010	?	NO VALUE FOUND
N		13	NOT MARKED
N	5/19/2017	?	NO VALUE FOUND
Y	9/16/2004	?	NO VALUE FOUND
Y	10/30/2015	02	SERIOUS INJURY
Y	11/10/2015	02	SERIOUS INJURY
Y	8/8/2015	?	NO VALUE FOUND
N	1/18/2012	?	NO VALUE FOUND
Y	4/23/2021	?	NO VALUE FOUND
Y	3/7/2013	?	NO VALUE FOUND
N	11/14/2016	?	NO VALUE FOUND
N	10/31/2005	?	NO VALUE FOUND
N	12/3/2018	?	NO VALUE FOUND
N	7/29/2019	?	NO VALUE FOUND
N	9/23/2013	?	NO VALUE FOUND
Y	1/31/2013	?	NO VALUE FOUND
Y	11/13/2013	?	NO VALUE FOUND
Y	3/3/2008	?	NO VALUE FOUND
N	3/12/2014	?	NO VALUE FOUND
Y	11/20/2015	?	NO VALUE FOUND
N	4/21/2012	?	NO VALUE FOUND
N	6/20/2014	?	NO VALUE FOUND
N	6/17/2021	?	NO VALUE FOUND
N	10/31/2011	?	NO VALUE FOUND
Y	5/18/2009	?	NO VALUE FOUND
Y	5/21/2007	?	NO VALUE FOUND
N	3/4/2003	13	NOT MARKED
		?	NO VALUE FOUND
N	4/9/2019	?	NO VALUE FOUND
N	7/21/2009	?	NO VALUE FOUND
N	5/18/2016	?	NO VALUE FOUND

		?	NO VALUE FOUND
Y	5/5/2015	?	NO VALUE FOUND
Y	5/28/2003	?	NO VALUE FOUND
N	11/3/2010	?	NO VALUE FOUND
N	5/15/2014	?	NO VALUE FOUND
Y	3/26/2010	?	NO VALUE FOUND
N	12/13/2022	?	NO VALUE FOUND
N	2/12/2005	?	NO VALUE FOUND
N	8/13/2014	?	NO VALUE FOUND
Y	5/15/2015	?	NO VALUE FOUND
N	5/10/2011	?	NO VALUE FOUND
N	12/7/2022	?	NO VALUE FOUND
N	8/11/2017	?	NO VALUE FOUND
Y	12/30/2015	?	NO VALUE FOUND
N	8/31/2015	?	NO VALUE FOUND
N	9/24/2003	13	NOT MARKED
Y	11/1/2015	?	NO VALUE FOUND
Y	3/24/2014	?	NO VALUE FOUND
N	4/11/2005	?	NO VALUE FOUND
N	3/10/2014	?	NO VALUE FOUND
N	12/10/2014	?	NO VALUE FOUND
N	5/2/2003	13	NOT MARKED
N	12/27/2002	13	NOT MARKED
N	6/3/2004	?	NO VALUE FOUND
N	1/8/2021	?	NO VALUE FOUND
Y	5/1/2015	?	NO VALUE FOUND
N	5/30/2013	?	NO VALUE FOUND
N	6/18/2014	?	NO VALUE FOUND
N	8/27/2013	?	NO VALUE FOUND
Y	6/20/2016	?	NO VALUE FOUND
N	2/24/2016	?	NO VALUE FOUND
N	11/11/2003	13	NOT MARKED
Y	2/1/2013	?	NO VALUE FOUND
N	3/31/2008	?	NO VALUE FOUND
N	1/14/2013	?	NO VALUE FOUND
N	8/7/2013	?	NO VALUE FOUND
N	3/20/2014	?	NO VALUE FOUND
N	4/9/2013	?	NO VALUE FOUND
N	4/13/2020	?	NO VALUE FOUND
Y	4/22/2013	?	NO VALUE FOUND
Y	4/15/2016	?	NO VALUE FOUND
Y	9/8/2015	?	NO VALUE FOUND
N	8/20/2009	?	NO VALUE FOUND
N	9/26/2018	?	NO VALUE FOUND
Y	9/16/2012	?	NO VALUE FOUND
N	2/21/2008	?	NO VALUE FOUND
N	1/17/2014	?	NO VALUE FOUND

N	3/3/2003	13	NOT MARKED
N	2/13/2019	?	NO VALUE FOUND
N	4/3/2017	?	NO VALUE FOUND
N	8/30/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	3/26/2013	?	NO VALUE FOUND
Y	11/21/2014	?	NO VALUE FOUND
N	6/27/2016	?	NO VALUE FOUND
N	4/9/2021	?	NO VALUE FOUND
N	8/23/2019	?	NO VALUE FOUND
N	9/28/2015	?	NO VALUE FOUND
Y	4/12/2013	?	NO VALUE FOUND
Y	12/27/2012	?	NO VALUE FOUND
N	4/21/2013	?	NO VALUE FOUND
N	1/3/2017	?	NO VALUE FOUND
Y	6/19/2011	?	NO VALUE FOUND
N	4/29/2019	?	NO VALUE FOUND
N	9/30/2003	13	NOT MARKED
N	2/20/2003	13	NOT MARKED
N	1/6/2011	?	NO VALUE FOUND
N	2/11/2017	?	NO VALUE FOUND
N	2/16/2016	?	NO VALUE FOUND
N	5/13/2009	?	NO VALUE FOUND
N	5/2/2011	02	SERIOUS INJURY
Y	11/10/2015	?	NO VALUE FOUND
N	3/26/2013	?	NO VALUE FOUND
N	7/19/2004	?	NO VALUE FOUND
N	7/24/2008	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	2/14/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/28/2015	?	NO VALUE FOUND
N	8/2/2022	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	11/10/2015	?	NO VALUE FOUND
N	10/19/2022	?	NO VALUE FOUND
N	6/20/2022	?	NO VALUE FOUND
Y	5/13/2013	?	NO VALUE FOUND
N	3/5/2013	?	NO VALUE FOUND
N	5/18/2012	?	NO VALUE FOUND
N	6/30/2006	?	NO VALUE FOUND
Y	7/2/2014	?	NO VALUE FOUND
N		13	NOT MARKED
Y	7/1/2016	?	NO VALUE FOUND
N	3/8/2018	?	NO VALUE FOUND
N	4/28/2003	13	NOT MARKED
N	3/19/2013	02	SERIOUS INJURY

N	7/24/2014	?	NO VALUE FOUND
N	5/2/2014	?	NO VALUE FOUND
Y	6/30/2014	?	NO VALUE FOUND
Y	6/1/2013	?	NO VALUE FOUND
Y	1/24/2019	?	NO VALUE FOUND
N		13	NOT MARKED
		?	NO VALUE FOUND
N	8/5/2022	?	NO VALUE FOUND
N	10/8/2010	?	NO VALUE FOUND
N	12/22/2011	?	NO VALUE FOUND
Y	7/11/2012	?	NO VALUE FOUND
N	5/15/2013	?	NO VALUE FOUND
N	12/3/2010	?	NO VALUE FOUND
N	9/1/2015	?	NO VALUE FOUND
N	1/23/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/14/2021	?	NO VALUE FOUND
Y	11/19/2015	?	NO VALUE FOUND
N	1/22/2015	?	NO VALUE FOUND
Y	8/29/2014	?	NO VALUE FOUND
N	10/9/2013	?	NO VALUE FOUND
N	1/30/2015	?	NO VALUE FOUND
N	8/22/2014	?	NO VALUE FOUND
N	6/1/2012	?	NO VALUE FOUND
N	6/24/2015	?	NO VALUE FOUND
N	7/18/2018	?	NO VALUE FOUND
N	10/23/2016	?	NO VALUE FOUND
N	9/9/2010	?	NO VALUE FOUND
Y	11/28/2014	?	NO VALUE FOUND
Y	1/8/2006	?	NO VALUE FOUND
N	5/16/2003	13	NOT MARKED
Y	4/18/2014	?	NO VALUE FOUND
N	7/19/2013	?	NO VALUE FOUND
Y	10/30/2015	?	NO VALUE FOUND
N	2/25/2003	13	NOT MARKED
		?	NO VALUE FOUND
N	3/23/2015	?	NO VALUE FOUND
N	2/7/2018	?	NO VALUE FOUND
Y	4/27/2020	?	NO VALUE FOUND
N	11/30/2016	?	NO VALUE FOUND
N	6/21/2019	?	NO VALUE FOUND
N	8/24/2010	?	NO VALUE FOUND
N	2/14/2013	02	SERIOUS INJURY
N	10/22/2018	?	NO VALUE FOUND
N	11/21/2013	?	NO VALUE FOUND
N	11/16/2015	?	NO VALUE FOUND
N	4/23/2014	?	NO VALUE FOUND

N	1/8/2016	?	NO VALUE FOUND
N	12/7/2007	?	NO VALUE FOUND
N	1/8/2016	?	NO VALUE FOUND
Y	8/10/2013	?	NO VALUE FOUND
Y	7/7/2014	?	NO VALUE FOUND
N	10/29/2019	?	NO VALUE FOUND
Y	3/29/2014	?	NO VALUE FOUND
N	11/3/2014	?	NO VALUE FOUND
Y	9/25/2015	?	NO VALUE FOUND
N	7/4/2013	?	NO VALUE FOUND
N	6/6/2006	?	NO VALUE FOUND
N	10/27/2008	?	NO VALUE FOUND
N	9/19/2003	13	NOT MARKED
N	10/18/2018	?	NO VALUE FOUND
N	11/7/2013	?	NO VALUE FOUND
N	11/2/2016	?	NO VALUE FOUND
N	9/9/2014	?	NO VALUE FOUND
N	8/29/2006	?	NO VALUE FOUND
N	2/20/2013	?	NO VALUE FOUND
N	12/9/2009	?	NO VALUE FOUND
N	3/25/2016	?	NO VALUE FOUND
N	3/25/2013	?	NO VALUE FOUND
Y	12/19/2013	?	NO VALUE FOUND
N	6/21/2013	?	NO VALUE FOUND
N	11/18/2002	13	NOT MARKED
N	6/9/2003	13	NOT MARKED
N	7/27/2007	?	NO VALUE FOUND
N	5/11/2015	?	NO VALUE FOUND
N	3/21/2016	?	NO VALUE FOUND
N	2/9/2015	?	NO VALUE FOUND
N	6/28/2010	?	NO VALUE FOUND
Y	1/10/2010	?	NO VALUE FOUND
N	5/21/2018	?	NO VALUE FOUND
Y	1/3/2019	?	NO VALUE FOUND
N	2/20/2020	?	NO VALUE FOUND
N	4/28/2005	?	NO VALUE FOUND
N	10/30/2003	13	NOT MARKED
N	6/25/2004	?	NO VALUE FOUND
N	2/10/2009	?	NO VALUE FOUND
N	1/18/2007	?	NO VALUE FOUND
N	5/7/2003	13	NOT MARKED
N	6/23/2006	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	2/5/2019	?	NO VALUE FOUND
N		13	NOT MARKED
N	12/30/2002	13	NOT MARKED
Y	11/9/2012	?	NO VALUE FOUND

N	12/1/2014	?	NO VALUE FOUND
N	1/25/2019	?	NO VALUE FOUND
N	11/6/2007	?	NO VALUE FOUND
N	2/28/2019	?	NO VALUE FOUND
N	12/18/2018	?	NO VALUE FOUND
Y	4/21/2014	?	NO VALUE FOUND
Y	12/6/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	9/1/2010	?	NO VALUE FOUND
N	10/4/2022	?	NO VALUE FOUND
N	4/16/2013	?	NO VALUE FOUND
Y	5/1/2019	?	NO VALUE FOUND
N	12/24/2013	?	NO VALUE FOUND
N	2/8/2013	?	NO VALUE FOUND
N	6/29/2011	?	NO VALUE FOUND
N	6/28/2013	?	NO VALUE FOUND
Y	7/17/2017	?	NO VALUE FOUND
N	12/17/2020	?	NO VALUE FOUND
N	9/2/2021	?	NO VALUE FOUND
Y	1/27/2016	?	NO VALUE FOUND
Y	3/21/2014	?	NO VALUE FOUND
N	5/21/2003	13	NOT MARKED
N	5/18/2004	?	NO VALUE FOUND
N	6/4/2013	?	NO VALUE FOUND
Y	7/31/2011	?	NO VALUE FOUND
Y	2/27/2015	?	NO VALUE FOUND
N	7/25/2003	13	NOT MARKED
N	8/26/2003	13	NOT MARKED
N	1/6/2004	13	NOT MARKED
Y	11/1/2016	?	NO VALUE FOUND
N	5/26/2006	?	NO VALUE FOUND
N	5/1/2013	?	NO VALUE FOUND
N	10/16/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	3/27/2020	?	NO VALUE FOUND
N	5/25/2018	?	NO VALUE FOUND
N	3/30/2023	?	NO VALUE FOUND
N	12/16/2013	?	NO VALUE FOUND
N	4/3/2017	?	NO VALUE FOUND
Y	5/1/2014	?	NO VALUE FOUND
N	1/17/2007	?	NO VALUE FOUND
N	2/15/2016	?	NO VALUE FOUND
N	10/22/2019	?	NO VALUE FOUND
N	8/8/2016	?	NO VALUE FOUND
N	4/8/2008	?	NO VALUE FOUND
N	4/4/2008	?	NO VALUE FOUND

Y	5/14/2013	02	SERIOUS INJURY
N	3/7/2003	13	NOT MARKED
N	3/15/2007	?	NO VALUE FOUND
N	2/24/2017	?	NO VALUE FOUND
N	6/21/2019	?	NO VALUE FOUND
N	4/3/2019	?	NO VALUE FOUND
N	7/2/2013	?	NO VALUE FOUND
N	4/8/2010	?	NO VALUE FOUND
Y	5/23/2011	?	NO VALUE FOUND
N	8/8/2014	?	NO VALUE FOUND
Y	5/20/2014	?	NO VALUE FOUND
N	4/1/2013	?	NO VALUE FOUND
N	11/19/2015	?	NO VALUE FOUND
Y	10/23/2012	?	NO VALUE FOUND
N	5/19/2014	?	NO VALUE FOUND
Y	4/26/2018	02	SERIOUS INJURY
N	8/21/2013	?	NO VALUE FOUND
N	1/24/2007	?	NO VALUE FOUND
N	11/1/2013	?	NO VALUE FOUND
N	7/29/2010	?	NO VALUE FOUND
N	7/23/2014	?	NO VALUE FOUND
Y	5/29/2015	?	NO VALUE FOUND
N	8/2/2023	?	NO VALUE FOUND
N	11/16/2007	?	NO VALUE FOUND
N	3/5/2003	13	NOT MARKED
N	1/30/2017	?	NO VALUE FOUND
N		13	NOT MARKED
N	10/23/2008	?	NO VALUE FOUND
N	10/26/2010	?	NO VALUE FOUND
Y	3/25/2016	?	NO VALUE FOUND
N	11/4/2015	?	NO VALUE FOUND
N	2/9/2016	02	SERIOUS INJURY
N	4/27/2007	?	NO VALUE FOUND
N	4/5/2013	?	NO VALUE FOUND
N	6/21/2017	?	NO VALUE FOUND
N	1/10/2013	?	NO VALUE FOUND
N	12/5/2017	?	NO VALUE FOUND
N	4/19/2023	?	NO VALUE FOUND
N	3/25/2004	?	NO VALUE FOUND
Y	11/9/2016	?	NO VALUE FOUND
N	9/13/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	8/25/2014	?	NO VALUE FOUND
N	3/18/2014	?	NO VALUE FOUND
N	5/27/2015	?	NO VALUE FOUND
N	12/6/2013	?	NO VALUE FOUND
N	7/28/2015	?	NO VALUE FOUND

N	7/14/2020	?	NO VALUE FOUND
N	7/30/2018	?	NO VALUE FOUND
Y	3/8/2004	13	NOT MARKED
N	4/20/2020	?	NO VALUE FOUND
N	4/24/2003	13	NOT MARKED
N	3/20/2003	13	NOT MARKED
N	1/27/2015	?	NO VALUE FOUND
		?	NO VALUE FOUND
N		13	NOT MARKED
N	1/21/2004	13	NOT MARKED
N	9/5/2017	?	NO VALUE FOUND
N	10/18/2013	?	NO VALUE FOUND
N	9/21/2020	?	NO VALUE FOUND
N	3/29/2004	?	NO VALUE FOUND
N	8/23/2007	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	8/17/2007	?	NO VALUE FOUND
N	5/12/2009	?	NO VALUE FOUND
Y	4/30/2014	?	NO VALUE FOUND
N	9/29/2014	?	NO VALUE FOUND
N	9/18/2014	?	NO VALUE FOUND
Y	5/1/2019	?	NO VALUE FOUND
N	4/19/2022	?	NO VALUE FOUND
N	4/27/2020	?	NO VALUE FOUND
N	1/27/2017	?	NO VALUE FOUND
Y	12/27/2014	?	NO VALUE FOUND
N	9/15/2020	?	NO VALUE FOUND
Y	2/25/2015	?	NO VALUE FOUND
		02	SERIOUS INJURY
Y	7/21/2015	?	NO VALUE FOUND
N	6/24/2005	?	NO VALUE FOUND
N	6/6/2003	13	NOT MARKED
N	7/27/2017	?	NO VALUE FOUND
N	6/4/2013	?	NO VALUE FOUND
Y	10/14/2014	?	NO VALUE FOUND
N	2/3/2015	?	NO VALUE FOUND
N	1/29/2008	?	NO VALUE FOUND
Y	7/27/2018	?	NO VALUE FOUND
N	7/10/2014	?	NO VALUE FOUND
N	6/8/2021	?	NO VALUE FOUND
N	10/22/2021	?	NO VALUE FOUND
N	2/15/2006	?	NO VALUE FOUND
Y	5/1/2019	?	NO VALUE FOUND
Y	9/21/2015	?	NO VALUE FOUND
N	6/3/2005	?	NO VALUE FOUND
Y	8/31/2010	?	NO VALUE FOUND
Y	12/13/2013	?	NO VALUE FOUND

N	8/8/2014	?	NO VALUE FOUND
Y	5/29/2014	?	NO VALUE FOUND
N	2/6/2014	?	NO VALUE FOUND
N	12/11/2015	?	NO VALUE FOUND
Y	11/20/2015	?	NO VALUE FOUND
N	6/24/2015	?	NO VALUE FOUND
Y	8/20/1998	?	NO VALUE FOUND
Y	6/28/2015	?	NO VALUE FOUND
N	7/23/2020	?	NO VALUE FOUND
Y	9/26/2014	?	NO VALUE FOUND
N	9/13/2018	?	NO VALUE FOUND
N	1/24/2004	13	NOT MARKED
N	5/15/2017	?	NO VALUE FOUND
N	2/16/2004	13	NOT MARKED
Y	3/28/2013	?	NO VALUE FOUND
Y	3/17/2003	13	NOT MARKED
N	8/10/2009	?	NO VALUE FOUND
N	8/5/2013	?	NO VALUE FOUND
N	2/2/2016	?	NO VALUE FOUND
N	11/5/2014	?	NO VALUE FOUND
N	1/22/2019	?	NO VALUE FOUND
Y	3/31/2003	13	NOT MARKED
N	11/29/2010	?	NO VALUE FOUND
N	10/22/2014	?	NO VALUE FOUND
N	1/18/2023	?	NO VALUE FOUND
N	5/14/2013	?	NO VALUE FOUND
N	10/1/2013	?	NO VALUE FOUND
N	3/20/2015	?	NO VALUE FOUND
Y	10/1/2015	?	NO VALUE FOUND
N		13	NOT MARKED
N	8/25/2003	13	NOT MARKED
N	12/6/2017	?	NO VALUE FOUND
N	7/21/2017	?	NO VALUE FOUND
N	2/13/2007	?	NO VALUE FOUND
N	11/6/2012	?	NO VALUE FOUND
N	6/18/2014	?	NO VALUE FOUND
N	4/28/2020	?	NO VALUE FOUND
N	2/1/2016	?	NO VALUE FOUND
Y	9/18/2012	?	NO VALUE FOUND
Y	4/13/2003	?	NO VALUE FOUND
Y	11/21/2012	?	NO VALUE FOUND
N	3/2/2012	?	NO VALUE FOUND
N	8/2/2012	?	NO VALUE FOUND
Y	10/16/2014	?	NO VALUE FOUND
Y	8/25/2014	?	NO VALUE FOUND
N	11/11/2013	?	NO VALUE FOUND
N	6/11/2013	?	NO VALUE FOUND

N	4/9/2014	?	NO VALUE FOUND
N		13	NOT MARKED
N	10/2/2008	?	NO VALUE FOUND
N	5/19/2017	?	NO VALUE FOUND
Y	11/10/2015	02	SERIOUS INJURY
N	4/26/2007	?	NO VALUE FOUND
N	3/26/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	5/22/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	3/15/2013	?	NO VALUE FOUND
N	10/22/2019	?	NO VALUE FOUND
N	2/17/2014	?	NO VALUE FOUND
Y	10/1/2009	?	NO VALUE FOUND
N	11/2/2021	?	NO VALUE FOUND
Y	2/1/2011	?	NO VALUE FOUND
N	9/30/2013	?	NO VALUE FOUND
Y	10/8/2014	?	NO VALUE FOUND
N	11/19/2010	?	NO VALUE FOUND
N	7/17/2014	?	NO VALUE FOUND
N	9/2/2014	?	NO VALUE FOUND
N	4/24/2004	?	NO VALUE FOUND
N	11/4/2016	?	NO VALUE FOUND
N	4/13/2014	?	NO VALUE FOUND
N	10/18/2016	?	NO VALUE FOUND
N	8/28/2003	13	NOT MARKED
N	1/23/2010	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	4/5/2013	?	NO VALUE FOUND
Y	1/1/2012	?	NO VALUE FOUND
N	10/8/2002	13	NOT MARKED
N	4/14/2015	?	NO VALUE FOUND
N	8/7/2012	?	NO VALUE FOUND
N	9/25/2018	?	NO VALUE FOUND
N	8/24/2013	?	NO VALUE FOUND
N	3/28/2014	?	NO VALUE FOUND
Y	6/20/2016	?	NO VALUE FOUND
N	7/28/2003	13	NOT MARKED
N	4/14/2012	?	NO VALUE FOUND
Y	9/29/2011	?	NO VALUE FOUND
Y	11/9/2012	?	NO VALUE FOUND
Y	2/26/2015	?	NO VALUE FOUND
N	12/1/2009	?	NO VALUE FOUND
N	10/3/2013	?	NO VALUE FOUND
N	1/16/2013	?	NO VALUE FOUND
N	12/6/2013	?	NO VALUE FOUND
N	7/20/2017	?	NO VALUE FOUND

N	4/3/2017	?	NO VALUE FOUND
N	9/22/2006	?	NO VALUE FOUND
N	9/5/2019	?	NO VALUE FOUND
N	6/5/2021	?	NO VALUE FOUND
N	3/9/2004	?	NO VALUE FOUND
N	7/29/2004	?	NO VALUE FOUND
N	4/15/2013	?	NO VALUE FOUND
N	6/7/2010	?	NO VALUE FOUND
N	2/10/2005	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	7/31/2003	13	NOT MARKED
N	10/8/2003	13	NOT MARKED
N	12/18/2020	?	NO VALUE FOUND
N	2/8/2003	13	NOT MARKED
Y	2/28/2018	?	NO VALUE FOUND
N	7/17/2011	?	NO VALUE FOUND
N	6/6/2003	?	NO VALUE FOUND
N	3/22/2007	?	NO VALUE FOUND
N	10/24/2012	?	NO VALUE FOUND
N	1/23/2013	?	NO VALUE FOUND
N	8/21/2015	?	NO VALUE FOUND
N	3/9/2015	?	NO VALUE FOUND
Y	4/9/2013	?	NO VALUE FOUND
N	1/8/2019	?	NO VALUE FOUND
N	1/5/2021	?	NO VALUE FOUND
N	12/20/2016	?	NO VALUE FOUND
Y		13	NOT MARKED
Y	12/29/2014	?	NO VALUE FOUND
N	4/15/2005	?	NO VALUE FOUND
N	6/6/2005	?	NO VALUE FOUND
N	1/5/2017	?	NO VALUE FOUND
N	1/24/2018	?	NO VALUE FOUND
N	7/18/2013	?	NO VALUE FOUND
N	9/17/2003	13	NOT MARKED
Y	11/21/2014	?	NO VALUE FOUND
Y	4/8/2014	?	NO VALUE FOUND
N	5/29/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	8/20/2015	?	NO VALUE FOUND
N	9/15/2017	?	NO VALUE FOUND
Y	12/3/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/10/2006	?	NO VALUE FOUND
N	12/7/2012	?	NO VALUE FOUND
Y	8/2/2007	?	NO VALUE FOUND
N	10/24/2002	13	NOT MARKED
N	10/29/2013	?	NO VALUE FOUND

N	1/24/2014	?	NO VALUE FOUND
Y	1/10/2015	?	NO VALUE FOUND
N	7/17/2009	?	NO VALUE FOUND
N		13	NOT MARKED
Y	1/31/2015	?	NO VALUE FOUND
N	4/27/2007	?	NO VALUE FOUND
N	5/21/2012	?	NO VALUE FOUND
N	5/19/2017	?	NO VALUE FOUND
N	2/13/2007	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	9/5/2019	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	3/23/2013	?	NO VALUE FOUND
N	9/11/2003	13	NOT MARKED
Y	5/11/2015	?	NO VALUE FOUND
N	9/24/2013	?	NO VALUE FOUND
N	12/12/2013	?	NO VALUE FOUND
N	4/1/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	7/7/2014	?	NO VALUE FOUND
Y	10/12/2013	?	NO VALUE FOUND
Y	3/1/2011	?	NO VALUE FOUND
Y	1/4/2013	?	NO VALUE FOUND
N	3/6/2006	?	NO VALUE FOUND
Y	3/19/2014	?	NO VALUE FOUND
Y	4/13/2012	?	NO VALUE FOUND
Y	8/21/2013	?	NO VALUE FOUND
N	4/13/2013	?	NO VALUE FOUND
Y	7/21/2014	?	NO VALUE FOUND
Y	11/3/2017	?	NO VALUE FOUND
Y	6/12/2013	?	NO VALUE FOUND
N	3/6/2014	?	NO VALUE FOUND
N	5/21/2018	?	NO VALUE FOUND
N	9/30/2003	13	NOT MARKED
N	6/17/2016	?	NO VALUE FOUND
N	5/16/2003	13	NOT MARKED
N	12/10/2015	?	NO VALUE FOUND
N	9/22/2007	?	NO VALUE FOUND
N	7/14/2009	?	NO VALUE FOUND
N	11/8/2012	?	NO VALUE FOUND
N	10/10/2002	13	NOT MARKED
N	2/29/2008	?	NO VALUE FOUND
N	10/14/2010	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	5/28/2013	?	NO VALUE FOUND
Y	7/31/2003	13	NOT MARKED
N	5/10/2016	?	NO VALUE FOUND

		?	NO VALUE FOUND
Y	10/8/2003	13	NOT MARKED
Y	3/29/2009	?	NO VALUE FOUND
Y	6/1/2015	?	NO VALUE FOUND
N		13	NOT MARKED
N	4/29/2005	?	NO VALUE FOUND
N	4/29/2022	?	NO VALUE FOUND
Y	8/26/2014	?	NO VALUE FOUND
N	4/11/2012	?	NO VALUE FOUND
N	1/28/2019	?	NO VALUE FOUND
N	4/30/2013	?	NO VALUE FOUND
N	9/24/2015	?	NO VALUE FOUND
N	4/16/2020	?	NO VALUE FOUND
N	7/9/2010	?	NO VALUE FOUND
N	7/8/2010	?	NO VALUE FOUND
N	5/27/2016	?	NO VALUE FOUND
N	7/25/2022	?	NO VALUE FOUND
Y	9/25/2017	?	NO VALUE FOUND
N	12/16/2003	13	NOT MARKED
N	5/1/2014	?	NO VALUE FOUND
N	2/11/2005	?	NO VALUE FOUND
N	12/7/2017	?	NO VALUE FOUND
N	8/22/2023	?	NO VALUE FOUND
N	5/10/2003	13	NOT MARKED
N	9/24/2015	?	NO VALUE FOUND
N	11/6/2017	?	NO VALUE FOUND
N	1/25/2019	?	NO VALUE FOUND
Y	7/28/2011	?	NO VALUE FOUND
N	8/20/2018	?	NO VALUE FOUND
N	7/8/2016	?	NO VALUE FOUND
N	4/25/2012	?	NO VALUE FOUND
Y	1/4/2013	?	NO VALUE FOUND
N	12/2/2013	?	NO VALUE FOUND
Y	10/16/2014	?	NO VALUE FOUND
Y	3/5/2012	?	NO VALUE FOUND
N	7/15/2010	?	NO VALUE FOUND
N	4/3/2023	?	NO VALUE FOUND
N	6/24/2015	?	NO VALUE FOUND
N	4/29/2011	?	NO VALUE FOUND
N	8/22/2014	?	NO VALUE FOUND
N	5/21/2018	?	NO VALUE FOUND
N	5/24/2017	?	NO VALUE FOUND
		?	NO VALUE FOUND
N		13	NOT MARKED
Y	5/28/2013	?	NO VALUE FOUND
N	11/14/2016	?	NO VALUE FOUND
N	6/13/2014	?	NO VALUE FOUND

N	11/16/2016	?	NO VALUE FOUND
Y	11/1/2015	02	SERIOUS INJURY
		?	NO VALUE FOUND
N	11/18/2016	?	NO VALUE FOUND
N	12/3/2012	?	NO VALUE FOUND
N	8/18/2016	?	NO VALUE FOUND
N	6/5/2015	?	NO VALUE FOUND
N	12/14/2004	?	NO VALUE FOUND
N	7/2/2012	?	NO VALUE FOUND
Y	9/29/2014	?	NO VALUE FOUND
Y	12/6/2012	?	NO VALUE FOUND
Y	4/30/2015	?	NO VALUE FOUND
N	9/30/2005	?	NO VALUE FOUND
N	5/25/2018	?	NO VALUE FOUND
N	12/14/2009	?	NO VALUE FOUND
N	1/3/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	8/23/2021	?	NO VALUE FOUND
Y	4/21/2016	?	NO VALUE FOUND
Y	11/10/2015	02	SERIOUS INJURY
N	5/24/2016	?	NO VALUE FOUND
N	8/14/2003	13	NOT MARKED
N	1/9/2015	?	NO VALUE FOUND
Y	7/31/2003	13	NOT MARKED
Y	3/28/2013	?	NO VALUE FOUND
N	3/27/2020	?	NO VALUE FOUND
N	1/26/2016	?	NO VALUE FOUND
N	10/2/2012	?	NO VALUE FOUND
N	3/5/2013	?	NO VALUE FOUND
Y	2/5/2008	?	NO VALUE FOUND
N	1/25/2008	?	NO VALUE FOUND
N	7/29/2015	?	NO VALUE FOUND
N	3/18/2014	?	NO VALUE FOUND
N	6/30/2015	?	NO VALUE FOUND
N	12/6/2011	?	NO VALUE FOUND
N		13	NOT MARKED
N	6/9/2016	?	NO VALUE FOUND
Y	11/10/2015	02	SERIOUS INJURY
N	10/3/2016	?	NO VALUE FOUND
N	7/16/2010	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	4/18/2013	?	NO VALUE FOUND
N	4/3/2019	?	NO VALUE FOUND
N	2/26/2008	?	NO VALUE FOUND
N	5/21/2013	02	SERIOUS INJURY
N	6/17/2013	?	NO VALUE FOUND
N	9/8/2017	?	NO VALUE FOUND

N	2/2/2016	?	NO VALUE FOUND
N	7/11/2017	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	1/12/2012	?	NO VALUE FOUND
Y	12/13/2013	?	NO VALUE FOUND
Y	7/1/2011	?	NO VALUE FOUND
N	7/17/2014	?	NO VALUE FOUND
N	11/11/2013	?	NO VALUE FOUND
N	3/18/2017	?	NO VALUE FOUND
N	7/5/2022	?	NO VALUE FOUND
N	6/2/2014	?	NO VALUE FOUND
Y	10/30/2015	02	SERIOUS INJURY
		?	NO VALUE FOUND
N	10/30/2020	?	NO VALUE FOUND
N	7/10/2019	?	NO VALUE FOUND
N	8/16/2016	?	NO VALUE FOUND
N	7/22/2015	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	7/21/2015	?	NO VALUE FOUND
N	10/14/2014	?	NO VALUE FOUND
N	10/28/2016	?	NO VALUE FOUND
Y	1/15/2013	?	NO VALUE FOUND
N	8/23/2012	?	NO VALUE FOUND
N	5/2/2019	?	NO VALUE FOUND
N	6/21/2019	?	NO VALUE FOUND
Y	10/26/2015	?	NO VALUE FOUND
N	4/2/2015	?	NO VALUE FOUND
Y	12/31/2015	?	NO VALUE FOUND
N	6/12/2014	?	NO VALUE FOUND
N	4/18/2008	?	NO VALUE FOUND
N	9/25/2007	?	NO VALUE FOUND
Y	7/23/2014	?	NO VALUE FOUND
Y	2/3/2012	?	NO VALUE FOUND
Y	8/21/2013	?	NO VALUE FOUND
N	9/18/2014	?	NO VALUE FOUND
N	3/5/2014	?	NO VALUE FOUND
N	12/27/2013	?	NO VALUE FOUND
N		13	NOT MARKED
N	1/10/2005	?	NO VALUE FOUND
N	8/29/2018	?	NO VALUE FOUND
N	10/15/2009	?	NO VALUE FOUND
N	5/23/2007	?	NO VALUE FOUND
N	3/4/2020	?	NO VALUE FOUND
N	5/2/2018	?	NO VALUE FOUND
Y	7/31/2014	?	NO VALUE FOUND
N	10/6/2003	13	NOT MARKED
N	6/13/2013	?	NO VALUE FOUND

		?	NO VALUE FOUND
N	8/8/2016	?	NO VALUE FOUND
N	4/20/2016	02	SERIOUS INJURY
		?	NO VALUE FOUND
N	2/12/2004	13	NOT MARKED
Y	4/1/2012	?	NO VALUE FOUND
Y	8/1/2013	?	NO VALUE FOUND
N	12/18/2018	?	NO VALUE FOUND
Y	9/2/2014	?	NO VALUE FOUND
Y	11/15/2013	?	NO VALUE FOUND
Y	3/25/2016	?	NO VALUE FOUND
Y	9/12/2013	?	NO VALUE FOUND
Y	12/23/2012	?	NO VALUE FOUND
Y	2/26/2015	?	NO VALUE FOUND
N	2/7/2014	?	NO VALUE FOUND
N	6/6/2023	?	NO VALUE FOUND
Y	6/11/2011	?	NO VALUE FOUND
N	2/1/2013	?	NO VALUE FOUND
N	8/13/2007	?	NO VALUE FOUND
N	11/11/2013	?	NO VALUE FOUND
Y	9/2/2016	?	NO VALUE FOUND
N	7/23/2020	?	NO VALUE FOUND
N	9/27/2003	13	NOT MARKED
N	2/22/2005	?	NO VALUE FOUND
N	5/7/2008	?	NO VALUE FOUND
N	6/16/2016	?	NO VALUE FOUND
N	9/6/2016	?	NO VALUE FOUND
Y	10/29/2018	?	NO VALUE FOUND
N	2/26/2020	?	NO VALUE FOUND
N	2/19/2014	?	NO VALUE FOUND
N	6/23/2017	?	NO VALUE FOUND
N	8/18/2004	?	NO VALUE FOUND
N	10/21/2004	?	NO VALUE FOUND
Y	7/24/2012	?	NO VALUE FOUND
Y	9/9/2014	?	NO VALUE FOUND
Y	7/9/2015	?	NO VALUE FOUND
N	6/27/2019	?	NO VALUE FOUND
N	3/25/2013	?	NO VALUE FOUND
Y	9/3/2012	?	NO VALUE FOUND
Y	1/1/2016	?	NO VALUE FOUND
N	12/9/2003	13	NOT MARKED
Y	8/9/1996	?	NO VALUE FOUND
Y	10/8/2010	?	NO VALUE FOUND
Y	1/4/2016	?	NO VALUE FOUND
N	1/7/2019	?	NO VALUE FOUND
N	7/31/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND

N	9/20/2013	?	NO VALUE FOUND
N	12/1/2015	?	NO VALUE FOUND
N	8/28/2005	?	NO VALUE FOUND
N	3/7/2012	?	NO VALUE FOUND
N	4/13/2011	?	NO VALUE FOUND
N		13	NOT MARKED
N	7/12/2017	?	NO VALUE FOUND
N	4/16/2019	?	NO VALUE FOUND
N	3/25/2014	?	NO VALUE FOUND
N	4/12/2003	13	NOT MARKED
N	10/1/2014	?	NO VALUE FOUND
Y	1/29/2015	?	NO VALUE FOUND
N		13	NOT MARKED
Y	5/27/2013	?	NO VALUE FOUND
Y	3/16/2018	?	NO VALUE FOUND
N	7/9/2015	?	NO VALUE FOUND
N	12/2/2019	?	NO VALUE FOUND
N	1/29/2016	?	NO VALUE FOUND
N	11/2/2018	?	NO VALUE FOUND
Y	7/10/2014	?	NO VALUE FOUND
N	2/10/2022	?	NO VALUE FOUND
N	6/22/2015	?	NO VALUE FOUND
N	6/13/2016	?	NO VALUE FOUND
Y	1/16/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	8/15/2012	?	NO VALUE FOUND
Y	8/25/2014	?	NO VALUE FOUND
N	6/11/2014	?	NO VALUE FOUND
Y	5/1/2019	?	NO VALUE FOUND
N	10/20/2021	?	NO VALUE FOUND
N	7/1/2021	?	NO VALUE FOUND
N	4/19/2016	?	NO VALUE FOUND
N	10/13/2003	13	NOT MARKED
N	11/8/2002	13	NOT MARKED
N	3/6/2023	?	NO VALUE FOUND
Y	10/12/2019	?	NO VALUE FOUND
N	6/25/2014	?	NO VALUE FOUND
N	10/28/2016	?	NO VALUE FOUND
Y	3/10/2003	13	NOT MARKED
N	1/22/2004	13	NOT MARKED
N	2/4/2003	13	NOT MARKED
N	9/16/2015	?	NO VALUE FOUND
N	7/3/2003	13	NOT MARKED
		?	NO VALUE FOUND
N	9/15/2013	?	NO VALUE FOUND
N	6/16/2003	13	NOT MARKED
Y	12/23/1996	?	NO VALUE FOUND

Y	12/2/2011	?	NO VALUE FOUND
N	6/13/2013	?	NO VALUE FOUND
N	1/19/2006	?	NO VALUE FOUND
N	3/20/2013	?	NO VALUE FOUND
Y	4/5/2014	?	NO VALUE FOUND
N	6/11/2014	?	NO VALUE FOUND
N	10/1/2013	?	NO VALUE FOUND
N	2/1/2019	?	NO VALUE FOUND
N	10/5/2021	?	NO VALUE FOUND
N	2/8/2016	?	NO VALUE FOUND
Y	6/15/2014	?	NO VALUE FOUND
N	5/17/2022	?	NO VALUE FOUND
N	2/16/2016	?	NO VALUE FOUND
Y	11/10/2015	?	NO VALUE FOUND
N	9/13/2016	?	NO VALUE FOUND
Y	1/17/2014	?	NO VALUE FOUND
Y	9/30/2010	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	5/30/2012	?	NO VALUE FOUND
N	6/30/2015	?	NO VALUE FOUND
Y	11/1/2014	?	NO VALUE FOUND
N	4/5/2013	?	NO VALUE FOUND
N	4/17/2018	?	NO VALUE FOUND
N	9/22/2011	?	NO VALUE FOUND
N	9/24/2018	?	NO VALUE FOUND
N	6/24/2019	?	NO VALUE FOUND
Y	6/27/2002	?	NO VALUE FOUND
N	6/17/2013	?	NO VALUE FOUND
N	11/13/2012	?	NO VALUE FOUND
N	4/20/2021	?	NO VALUE FOUND
N	8/23/2013	?	NO VALUE FOUND
Y	8/22/2014	?	NO VALUE FOUND
Y	2/20/2014	?	NO VALUE FOUND
N	7/31/2015	?	NO VALUE FOUND
N	10/21/2016	?	NO VALUE FOUND
Y	1/15/2014	?	NO VALUE FOUND
N	7/16/2016	?	NO VALUE FOUND
Y	9/14/2007	?	NO VALUE FOUND
N	1/13/2007	?	NO VALUE FOUND
N	8/15/2012	?	NO VALUE FOUND
N	10/24/2016	?	NO VALUE FOUND
N	6/1/2004	?	NO VALUE FOUND
N	7/9/2013	?	NO VALUE FOUND
N	1/22/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	5/12/2016	?	NO VALUE FOUND
N	6/9/2015	?	NO VALUE FOUND

N	10/28/2016	?	NO VALUE FOUND
N	4/28/2014	?	NO VALUE FOUND
N	4/10/2021	?	NO VALUE FOUND
Y	1/29/2008	?	NO VALUE FOUND
N	1/23/2010	?	NO VALUE FOUND
Y	11/13/2013	?	NO VALUE FOUND
N	9/1/2010	?	NO VALUE FOUND
N	5/2/2013	?	NO VALUE FOUND
N	3/31/2008	?	NO VALUE FOUND
N	3/20/2013	?	NO VALUE FOUND
N	3/10/2015	?	NO VALUE FOUND
N	3/13/2012	?	NO VALUE FOUND
N	4/22/2019	?	NO VALUE FOUND
N	10/8/2015	?	NO VALUE FOUND
Y	2/26/2003	13	NOT MARKED
N	8/31/2020	?	NO VALUE FOUND
Y	4/15/2014	?	NO VALUE FOUND
Y	12/11/2014	?	NO VALUE FOUND
N	1/15/2018	?	NO VALUE FOUND
N	4/26/2008	?	NO VALUE FOUND
Y	10/8/2002	13	NOT MARKED
N	9/16/2011	?	NO VALUE FOUND
Y	3/28/2013	?	NO VALUE FOUND
N	3/9/2015	?	NO VALUE FOUND
N	12/29/2014	?	NO VALUE FOUND
N	7/28/2016	?	NO VALUE FOUND
N	10/19/2021	?	NO VALUE FOUND
Y	6/28/2013	?	NO VALUE FOUND
N	2/8/2008	?	NO VALUE FOUND
N	9/12/2016	?	NO VALUE FOUND
N	7/11/2017	?	NO VALUE FOUND
N	12/31/2003	13	NOT MARKED
Y	5/5/2012	?	NO VALUE FOUND
Y	6/6/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	8/27/2007	?	NO VALUE FOUND
N	9/9/2009	?	NO VALUE FOUND
N	5/13/2011	?	NO VALUE FOUND
N	1/3/2014	?	NO VALUE FOUND
N	12/17/2010	?	NO VALUE FOUND
N	1/15/2015	?	NO VALUE FOUND
N	5/30/2012	?	NO VALUE FOUND
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N	5/21/2018	?	NO VALUE FOUND
N	11/17/2015	?	NO VALUE FOUND
Y	12/3/2015	?	NO VALUE FOUND
N	3/12/2003	13	NOT MARKED

N	8/10/2007	?	NO VALUE FOUND
Y	10/26/2015	?	NO VALUE FOUND
Y	5/23/2007	?	NO VALUE FOUND
Y	5/16/2019	?	NO VALUE FOUND
N	6/24/2010	?	NO VALUE FOUND
N	9/6/2013	?	NO VALUE FOUND
N	1/12/2017	?	NO VALUE FOUND
Y	4/29/2010	?	NO VALUE FOUND
N	3/23/2022	?	NO VALUE FOUND
N	9/28/2011	?	NO VALUE FOUND
N	4/25/2016	?	NO VALUE FOUND
N	3/3/2023	?	NO VALUE FOUND
N	6/29/2012	?	NO VALUE FOUND
N	7/14/2009	?	NO VALUE FOUND
N	1/12/2013	?	NO VALUE FOUND
N	8/29/2014	?	NO VALUE FOUND
N	5/13/2014	?	NO VALUE FOUND
Y	10/8/2014	?	NO VALUE FOUND
N	4/4/2013	?	NO VALUE FOUND
N	3/10/2014	?	NO VALUE FOUND
N	8/8/2017	?	NO VALUE FOUND
N	2/7/2003	13	NOT MARKED
N		13	NOT MARKED
N	8/2/2005	?	NO VALUE FOUND
N	8/25/2003	13	NOT MARKED
N	10/16/2002	13	NOT MARKED
N	2/25/2003	13	NOT MARKED
N	4/15/2015	?	NO VALUE FOUND
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Y	3/31/2014	?	NO VALUE FOUND
N	7/16/2008	?	NO VALUE FOUND
N	3/18/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	6/5/2014	?	NO VALUE FOUND
N	8/2/2017	?	NO VALUE FOUND
N	5/18/2023	?	NO VALUE FOUND
N	8/11/2018	?	NO VALUE FOUND
Y	2/27/2014	?	NO VALUE FOUND
Y	3/27/2020	?	NO VALUE FOUND
N	10/5/2009	?	NO VALUE FOUND
N	7/19/2016	?	NO VALUE FOUND
N		13	NOT MARKED
N	8/14/2014	?	NO VALUE FOUND
N	4/30/2014	?	NO VALUE FOUND
N	6/15/2015	?	NO VALUE FOUND
N	1/18/2013	?	NO VALUE FOUND
N	9/11/2015	?	NO VALUE FOUND

Y	8/30/2010	?	NO VALUE FOUND
Y	9/28/2015	?	NO VALUE FOUND
Y	1/31/2017	?	NO VALUE FOUND
N	9/28/2015	?	NO VALUE FOUND
N	1/3/2019	?	NO VALUE FOUND
N	4/21/2014	?	NO VALUE FOUND
N	9/5/2017	?	NO VALUE FOUND
N	6/25/2004	?	NO VALUE FOUND
N	12/29/2005	?	NO VALUE FOUND
N	8/21/2009	?	NO VALUE FOUND
Y	7/1/2010	?	NO VALUE FOUND
Y	6/27/2013	?	NO VALUE FOUND
N	5/14/2019	?	NO VALUE FOUND
N	12/18/2020	?	NO VALUE FOUND
N	9/29/2016	?	NO VALUE FOUND
Y	11/16/2017	?	NO VALUE FOUND
N	3/8/2018	?	NO VALUE FOUND
N	2/10/2016	?	NO VALUE FOUND
N	11/19/2015	?	NO VALUE FOUND
N	7/10/2015	?	NO VALUE FOUND
N	4/10/2013	?	NO VALUE FOUND
N	5/8/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	5/2/2018	?	NO VALUE FOUND
N	12/23/2022	?	NO VALUE FOUND
N	3/16/2004	?	NO VALUE FOUND
N	2/3/2012	?	NO VALUE FOUND
N	9/8/2016	?	NO VALUE FOUND
Y	3/15/2018	?	NO VALUE FOUND
N	6/12/2018	?	NO VALUE FOUND
N	2/8/2013	?	NO VALUE FOUND
Y	8/2/2015	?	NO VALUE FOUND
Y	2/10/2017	?	NO VALUE FOUND
N	5/15/2017	?	NO VALUE FOUND
Y	1/31/2003	13	NOT MARKED
N	9/19/2014	?	NO VALUE FOUND
N	4/19/2018	?	NO VALUE FOUND
N	7/20/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/18/2016	?	NO VALUE FOUND
N	2/15/2021	?	NO VALUE FOUND
Y	3/14/1998	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	8/16/2018	?	NO VALUE FOUND
N	4/8/2015	?	NO VALUE FOUND
N	4/20/2016	?	NO VALUE FOUND
N	2/16/2007	?	NO VALUE FOUND

N	2/15/2016	?	NO VALUE FOUND
N	2/21/2014	?	NO VALUE FOUND
N	2/18/2012	02	SERIOUS INJURY
N	11/14/2016	?	NO VALUE FOUND
N	12/17/2018	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/1/2010	?	NO VALUE FOUND
N	8/3/2005	?	NO VALUE FOUND
N	1/20/2011	?	NO VALUE FOUND
N	12/2/2014	?	NO VALUE FOUND
N	8/10/2015	?	NO VALUE FOUND
N	2/1/2013	?	NO VALUE FOUND
N	9/15/2014	?	NO VALUE FOUND
N	1/9/2004	13	NOT MARKED
Y	3/27/2021	?	NO VALUE FOUND
Y	4/16/2015	?	NO VALUE FOUND
N	11/17/2015	?	NO VALUE FOUND
N	3/7/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	12/9/2013	?	NO VALUE FOUND
N	7/14/2014	?	NO VALUE FOUND
Y	6/16/2012	?	NO VALUE FOUND
N	7/17/2013	?	NO VALUE FOUND
N	7/17/2014	?	NO VALUE FOUND
N	2/21/2022	?	NO VALUE FOUND
N	1/26/2016	?	NO VALUE FOUND
Y	6/30/2012	?	NO VALUE FOUND
Y	7/31/2014	?	NO VALUE FOUND
N	11/5/2021	?	NO VALUE FOUND
N	11/14/2017	?	NO VALUE FOUND
N	10/7/2011	?	NO VALUE FOUND
N	12/17/2013	?	NO VALUE FOUND
N	5/5/2015	?	NO VALUE FOUND
N	4/12/2019	?	NO VALUE FOUND
Y		13	NOT MARKED
Y	1/1/2014	?	NO VALUE FOUND
N	9/14/2015	?	NO VALUE FOUND
N	4/5/2003	13	NOT MARKED
Y	3/29/2019	?	NO VALUE FOUND
N	4/3/2023	?	NO VALUE FOUND
N	5/31/2009	?	NO VALUE FOUND
N	9/12/2017	?	NO VALUE FOUND
Y	12/18/2014	?	NO VALUE FOUND
N	3/21/2012	?	NO VALUE FOUND
N	10/6/2011	?	NO VALUE FOUND
Y	5/31/2014	?	NO VALUE FOUND
N	11/1/2013	?	NO VALUE FOUND

Y	3/20/2014	?	NO VALUE FOUND
N	3/16/2016	?	NO VALUE FOUND
Y	3/28/2017	?	NO VALUE FOUND
N	5/22/2018	?	NO VALUE FOUND
N	5/15/2006	?	NO VALUE FOUND
Y	6/1/2014	?	NO VALUE FOUND
N	3/28/2005	?	NO VALUE FOUND
N	1/13/2003	13	NOT MARKED
N	5/2/2008	?	NO VALUE FOUND
Y	2/5/2013	02	SERIOUS INJURY
N	2/1/2007	?	NO VALUE FOUND
N	4/2/2018	?	NO VALUE FOUND
N	1/11/2013	?	NO VALUE FOUND
N	6/6/2013	?	NO VALUE FOUND
N	5/20/2003	13	NOT MARKED
N	12/10/2014	?	NO VALUE FOUND
Y	1/14/2015	?	NO VALUE FOUND
N	10/22/2021	?	NO VALUE FOUND
N	11/7/2021	?	NO VALUE FOUND
N	6/13/2013	?	NO VALUE FOUND
N	7/18/2017	?	NO VALUE FOUND
N	1/3/2015	?	NO VALUE FOUND
N	7/25/2023	?	NO VALUE FOUND
Y	8/26/2009	?	NO VALUE FOUND
N	3/7/2014	?	NO VALUE FOUND
N	8/2/2013	?	NO VALUE FOUND
N	1/9/2020	?	NO VALUE FOUND
Y	4/22/2015	?	NO VALUE FOUND
N	12/17/2020	?	NO VALUE FOUND
N	7/11/2017	?	NO VALUE FOUND
N	8/30/2006	?	NO VALUE FOUND
		?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	1/10/2008	?	NO VALUE FOUND
Y	5/14/2015	?	NO VALUE FOUND
Y	3/7/2015	?	NO VALUE FOUND
Y	9/18/2013	?	NO VALUE FOUND
N	11/3/2015	?	NO VALUE FOUND
N	12/17/2014	?	NO VALUE FOUND
N	7/5/2013	?	NO VALUE FOUND
N	7/15/2020	?	NO VALUE FOUND
N	2/24/2017	?	NO VALUE FOUND
N	2/7/2011	?	NO VALUE FOUND
Y	6/29/2009	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	6/1/2018	?	NO VALUE FOUND
N	5/11/2006	?	NO VALUE FOUND

N	5/30/2018	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	7/22/2004	?	NO VALUE FOUND
Y	11/10/2014	?	NO VALUE FOUND
Y	2/22/2014	?	NO VALUE FOUND
Y	9/2/2014	?	NO VALUE FOUND
N	7/11/2014	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	4/7/2015	?	NO VALUE FOUND
N	8/17/2016	?	NO VALUE FOUND
N	8/1/2023	?	NO VALUE FOUND
Y	5/19/2003	13	NOT MARKED
Y	9/8/2006	?	NO VALUE FOUND
Y	5/1/2019	?	NO VALUE FOUND
N	7/8/2013	?	NO VALUE FOUND
Y	4/30/2006	?	NO VALUE FOUND
N	11/28/2009	?	NO VALUE FOUND
N	5/3/2014	?	NO VALUE FOUND
Y	5/1/2018	?	NO VALUE FOUND
N	3/14/2006	?	NO VALUE FOUND
N	1/31/2009	?	NO VALUE FOUND
Y	1/1/2013	?	NO VALUE FOUND
N	9/9/2015	?	NO VALUE FOUND
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Y	10/31/2017	?	NO VALUE FOUND
N	12/1/2016	?	NO VALUE FOUND
Y	9/12/2003	13	NOT MARKED
N	4/8/2003	13	NOT MARKED
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N	5/18/2013	?	NO VALUE FOUND
N	4/17/2014	?	NO VALUE FOUND
N	2/7/2023	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	7/6/2018	?	NO VALUE FOUND
Y	5/11/2005	?	NO VALUE FOUND
Y	8/5/2005	?	NO VALUE FOUND
Y	4/8/2013	?	NO VALUE FOUND
N	9/28/2009	?	NO VALUE FOUND
Y	11/26/2013	?	NO VALUE FOUND
N	8/21/2013	?	NO VALUE FOUND
N	8/30/2013	?	NO VALUE FOUND
Y	11/1/2013	?	NO VALUE FOUND
N	3/28/2012	?	NO VALUE FOUND
Y	8/28/2018	?	NO VALUE FOUND
Y	2/28/2014	?	NO VALUE FOUND
N	1/13/2003	13	NOT MARKED
Y	7/29/2015	?	NO VALUE FOUND

N	6/16/2016	?	NO VALUE FOUND
N	11/30/2017	?	NO VALUE FOUND
N	8/26/2015	?	NO VALUE FOUND
N	10/3/2016	?	NO VALUE FOUND
Y	2/1/2012	?	NO VALUE FOUND
N	4/16/2015	?	NO VALUE FOUND
N	11/2/2004	?	NO VALUE FOUND
N	7/17/2013	?	NO VALUE FOUND
N	5/31/2013	?	NO VALUE FOUND
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N	2/12/2014	?	NO VALUE FOUND
N	4/23/2003	13	NOT MARKED
Y	1/30/2013	?	NO VALUE FOUND
Y	11/7/2012	?	NO VALUE FOUND
Y	4/18/2012	?	NO VALUE FOUND
Y	10/5/2011	?	NO VALUE FOUND
N	10/17/2022	?	NO VALUE FOUND
N	4/24/2003	13	NOT MARKED
N	12/12/2013	?	NO VALUE FOUND
Y	11/8/2011	?	NO VALUE FOUND
N	8/6/2007	?	NO VALUE FOUND
N	1/10/2019	?	NO VALUE FOUND
N	2/6/2017	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	5/28/2003	13	NOT MARKED
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N	5/15/2013	?	NO VALUE FOUND
N	10/1/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	10/13/2014	?	NO VALUE FOUND
N	1/11/2014	?	NO VALUE FOUND
N	4/14/2003	13	NOT MARKED
N	3/10/2018	?	NO VALUE FOUND
N	3/16/2004	?	NO VALUE FOUND
Y	11/10/2014	?	NO VALUE FOUND
N	5/3/2018	?	NO VALUE FOUND
N	3/2/2023	?	NO VALUE FOUND
Y	6/20/2016	?	NO VALUE FOUND
Y	5/2/2014	?	NO VALUE FOUND
Y	4/12/2013	?	NO VALUE FOUND
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N	1/10/2023	?	NO VALUE FOUND
N	3/17/2014	?	NO VALUE FOUND
N	10/28/2014	?	NO VALUE FOUND
Y	9/13/2011	?	NO VALUE FOUND
Y	9/25/2015	?	NO VALUE FOUND

N	2/10/2016	?	NO VALUE FOUND
N	6/13/2006	?	NO VALUE FOUND
Y	6/22/2015	?	NO VALUE FOUND
N	2/25/2020	?	NO VALUE FOUND
N	7/4/2003	13	NOT MARKED
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N	5/29/2017	?	NO VALUE FOUND
Y	10/30/2015	02	SERIOUS INJURY
Y	3/21/2017	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	4/19/2017	?	NO VALUE FOUND
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N	6/7/2015	?	NO VALUE FOUND
N	12/2/2014	?	NO VALUE FOUND
N	6/3/2019	?	NO VALUE FOUND
Y	12/19/2014	?	NO VALUE FOUND
N	7/31/2015	?	NO VALUE FOUND
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N	3/11/2008	?	NO VALUE FOUND
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		?	NO VALUE FOUND
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N	6/5/2013	?	NO VALUE FOUND
N	6/27/2016	?	NO VALUE FOUND
N	12/3/2019	?	NO VALUE FOUND
Y	5/29/2015	?	NO VALUE FOUND
N		13	NOT MARKED
N	8/25/2003	13	NOT MARKED
N	9/29/2008	?	NO VALUE FOUND
Y	1/1/2015	?	NO VALUE FOUND
N	12/5/2013	?	NO VALUE FOUND
N	1/13/2009	?	NO VALUE FOUND
N	5/8/2015	?	NO VALUE FOUND
N	8/24/2004	?	NO VALUE FOUND
N	5/27/2014	?	NO VALUE FOUND
Y	3/24/2016	?	NO VALUE FOUND
N	11/13/2014	?	NO VALUE FOUND
N	4/6/2016	?	NO VALUE FOUND
Y	3/25/2016	?	NO VALUE FOUND
N	4/3/2018	?	NO VALUE FOUND
N	1/17/2014	?	NO VALUE FOUND
N	8/9/2016	?	NO VALUE FOUND
N	10/3/2019	?	NO VALUE FOUND
N	2/23/2023	?	NO VALUE FOUND
N	10/12/2010	?	NO VALUE FOUND

Y	5/1/2019	?	NO VALUE FOUND
Y	7/31/2012	?	NO VALUE FOUND
N	2/6/2015	?	NO VALUE FOUND
N	3/29/2013	?	NO VALUE FOUND
N	6/16/2011	?	NO VALUE FOUND
Y	3/17/2016	?	NO VALUE FOUND
N	9/11/2015	?	NO VALUE FOUND
N	5/21/2018	?	NO VALUE FOUND
Y	11/4/2015	?	NO VALUE FOUND
N	5/19/2016	?	NO VALUE FOUND
N	7/20/2007	?	NO VALUE FOUND
N	1/17/2007	?	NO VALUE FOUND
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Y	4/30/2022	?	NO VALUE FOUND
N	2/14/2011	?	NO VALUE FOUND
N	8/4/2014	?	NO VALUE FOUND
N	9/22/2004	?	NO VALUE FOUND
N	8/18/2004	?	NO VALUE FOUND
N	8/18/2015	?	NO VALUE FOUND
N	2/5/2019	?	NO VALUE FOUND
N	11/8/2007	?	NO VALUE FOUND
Y	5/27/2013	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	6/26/2019	?	NO VALUE FOUND
N	11/25/2019	?	NO VALUE FOUND
N	5/26/2015	?	NO VALUE FOUND
N	10/29/2014	?	NO VALUE FOUND
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N	6/5/2013	?	NO VALUE FOUND
N	3/14/2023	?	NO VALUE FOUND
Y	12/19/2012	?	NO VALUE FOUND
N	7/31/2012	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	12/4/2019	?	NO VALUE FOUND
Y	7/5/2015	?	NO VALUE FOUND
N	5/22/2023	?	NO VALUE FOUND
N	4/11/2014	?	NO VALUE FOUND
N	9/7/2013	?	NO VALUE FOUND
N	9/3/2015	?	NO VALUE FOUND
N	10/14/2005	?	NO VALUE FOUND
N	1/25/2018	?	NO VALUE FOUND
N	4/8/2008	?	NO VALUE FOUND
N	3/27/2003	?	NO VALUE FOUND
Y	11/10/2015	02	SERIOUS INJURY
N	7/10/2014	?	NO VALUE FOUND
Y	6/25/2014	?	NO VALUE FOUND

N	6/24/2003	13	NOT MARKED
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N	9/12/2003	13	NOT MARKED
N	3/26/2014	?	NO VALUE FOUND
N	6/28/2011	?	NO VALUE FOUND
N	1/14/2016	?	NO VALUE FOUND
N	10/2/2013	?	NO VALUE FOUND
N	3/31/2014	?	NO VALUE FOUND
N	9/25/2014	?	NO VALUE FOUND
N	1/27/2022	?	NO VALUE FOUND
Y	12/2/2014	?	NO VALUE FOUND
Y	7/23/2011	?	NO VALUE FOUND
Y	8/7/2012	?	NO VALUE FOUND
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N	9/21/2015	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	12/8/2015	?	NO VALUE FOUND
N	6/20/2008	?	NO VALUE FOUND
Y	6/1/2021	?	NO VALUE FOUND
N	1/30/2009	?	NO VALUE FOUND
N	9/29/2014	?	NO VALUE FOUND
Y	10/28/2012	?	NO VALUE FOUND
Y	3/4/2013	?	NO VALUE FOUND
Y	3/28/2013	?	NO VALUE FOUND
N	4/15/2016	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	7/22/2015	?	NO VALUE FOUND
Y	9/26/2014	?	NO VALUE FOUND
N	9/16/2013	?	NO VALUE FOUND
N	3/14/2023	?	NO VALUE FOUND
N	4/20/2004	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	5/21/2008	?	NO VALUE FOUND
N	4/30/2013	?	NO VALUE FOUND
N	5/28/2015	?	NO VALUE FOUND
N	1/24/2014	?	NO VALUE FOUND
N	1/23/2013	?	NO VALUE FOUND
N	4/5/2013	?	NO VALUE FOUND
N	6/30/2015	?	NO VALUE FOUND
N	9/24/2012	?	NO VALUE FOUND
N	12/6/2002	13	NOT MARKED
N	6/12/2003	13	NOT MARKED
Y	9/12/2012	?	NO VALUE FOUND
N	10/31/2002	13	NOT MARKED
N	7/3/2008	?	NO VALUE FOUND
Y	8/14/2015	?	NO VALUE FOUND
		?	NO VALUE FOUND

Y	9/16/2013	?	NO VALUE FOUND
N	3/9/2004	13	NOT MARKED
N	9/29/2004	?	NO VALUE FOUND
N	7/23/2008	?	NO VALUE FOUND
Y	7/25/2017	?	NO VALUE FOUND
N		13	NOT MARKED
Y	3/24/2013	?	NO VALUE FOUND
N	7/8/2015	?	NO VALUE FOUND
N	5/10/2013	?	NO VALUE FOUND
Y	6/11/2018	?	NO VALUE FOUND
Y	11/17/2014	?	NO VALUE FOUND
N	5/10/2023	?	NO VALUE FOUND
N	6/16/2023	?	NO VALUE FOUND
N	1/27/2004	13	NOT MARKED
N	6/25/2020	?	NO VALUE FOUND
Y	8/29/2014	?	NO VALUE FOUND
N	12/18/2013	?	NO VALUE FOUND
N	3/18/2014	?	NO VALUE FOUND
Y	12/14/2015	?	NO VALUE FOUND
Y	1/9/2014	?	NO VALUE FOUND
Y	2/21/2017	?	NO VALUE FOUND
N	9/26/2003	13	NOT MARKED
Y	8/31/2012	?	NO VALUE FOUND
Y	7/15/2021	?	NO VALUE FOUND
Y	10/4/2003	13	NOT MARKED
Y	7/9/2020	?	NO VALUE FOUND
N	2/11/2017	?	NO VALUE FOUND
N		13	NOT MARKED
N	11/14/2007	?	NO VALUE FOUND
N		13	NOT MARKED
N	7/9/2019	?	NO VALUE FOUND
Y	2/28/2003	13	NOT MARKED
N	3/17/2008	?	NO VALUE FOUND
N	9/30/2015	?	NO VALUE FOUND
Y	5/1/2009	?	NO VALUE FOUND
N	12/15/2015	?	NO VALUE FOUND
Y	3/27/2009	?	NO VALUE FOUND
N	1/27/2013	?	NO VALUE FOUND
N	1/6/2015	?	NO VALUE FOUND
N	1/28/2011	?	NO VALUE FOUND
N	5/27/2014	?	NO VALUE FOUND
N	2/1/2008	?	NO VALUE FOUND
Y	12/19/2014	?	NO VALUE FOUND
Y	9/7/2012	?	NO VALUE FOUND
N	3/15/2015	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	9/3/2014	?	NO VALUE FOUND

N	6/22/2011	?	NO VALUE FOUND
N	12/1/2014	?	NO VALUE FOUND
N	3/24/2015	?	NO VALUE FOUND
N	7/25/2013	?	NO VALUE FOUND
N	10/29/2013	?	NO VALUE FOUND
N	1/23/2023	?	NO VALUE FOUND
N	11/16/2009	?	NO VALUE FOUND
N	2/1/2017	?	NO VALUE FOUND
N	8/16/2004	?	NO VALUE FOUND
N	6/12/2013	?	NO VALUE FOUND
N	4/7/2008	?	NO VALUE FOUND
N	2/1/2007	?	NO VALUE FOUND
N	12/5/2003	13	NOT MARKED
N	2/25/2015	?	NO VALUE FOUND
N	9/18/2020	?	NO VALUE FOUND
Y	12/10/2015	?	NO VALUE FOUND
Y	10/16/2009	?	NO VALUE FOUND
Y	4/26/2013	?	NO VALUE FOUND
N	1/27/2017	?	NO VALUE FOUND
Y	3/25/2016	?	NO VALUE FOUND
Y	5/13/2014	?	NO VALUE FOUND
N	2/5/2016	?	NO VALUE FOUND
N	7/21/2021	?	NO VALUE FOUND
N	5/17/2012	?	NO VALUE FOUND
N	12/1/2010	?	NO VALUE FOUND
Y	5/1/2019	?	NO VALUE FOUND
		?	NO VALUE FOUND
Y	5/9/2012	?	NO VALUE FOUND
Y	9/11/2012	?	NO VALUE FOUND
N	10/16/2014	?	NO VALUE FOUND
N	11/13/2013	?	NO VALUE FOUND
N	8/6/2004	?	NO VALUE FOUND
N	5/1/2014	?	NO VALUE FOUND
Y	7/2/2010	?	NO VALUE FOUND
N	8/13/2014	?	NO VALUE FOUND
N	12/14/2012	?	NO VALUE FOUND
N	6/19/2015	?	NO VALUE FOUND
N	1/6/2011	?	NO VALUE FOUND
Y	8/31/2017	?	NO VALUE FOUND
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N	3/26/2003	13	NOT MARKED
N	6/25/2014	?	NO VALUE FOUND
N	2/1/2007	?	NO VALUE FOUND
N		13	NOT MARKED
N	9/6/2006	?	NO VALUE FOUND
Y	3/27/2007	?	NO VALUE FOUND

N	4/22/2016	?	NO VALUE FOUND
N	8/11/2008	?	NO VALUE FOUND
N	5/31/2013	?	NO VALUE FOUND
N	9/3/2013	?	NO VALUE FOUND
N	3/30/2015	?	NO VALUE FOUND
Y	6/11/2019	?	NO VALUE FOUND
N	5/18/2016	?	NO VALUE FOUND
N	2/10/2023	?	NO VALUE FOUND
Y	3/1/2015	?	NO VALUE FOUND
Y	6/20/2016	?	NO VALUE FOUND
N	2/9/2023	?	NO VALUE FOUND
N	10/9/2002	13	NOT MARKED
		?	NO VALUE FOUND
N	4/2/2007	?	NO VALUE FOUND
Y	2/25/2013	?	NO VALUE FOUND
N	10/4/2011	?	NO VALUE FOUND
N	3/18/2014	?	NO VALUE FOUND
N	3/15/2013	?	NO VALUE FOUND
Y	8/21/2012	?	NO VALUE FOUND
N	1/11/2012	?	NO VALUE FOUND
N	3/26/2004	?	NO VALUE FOUND
N	8/24/2012	?	NO VALUE FOUND
N	9/6/2016	?	NO VALUE FOUND
N	2/25/2019	?	NO VALUE FOUND
Y	10/2/2015	?	NO VALUE FOUND
Y	10/30/2015	?	NO VALUE FOUND
N	4/2/2019	?	NO VALUE FOUND
N	5/12/2014	?	NO VALUE FOUND
N	4/4/2003	13	NOT MARKED
N	8/28/2003	13	NOT MARKED
N	2/1/2007	?	NO VALUE FOUND
N	4/18/2014	?	NO VALUE FOUND
N	3/28/2014	?	NO VALUE FOUND
N	1/18/2017	?	NO VALUE FOUND
Y	7/10/2014	?	NO VALUE FOUND
N	4/27/2016	?	NO VALUE FOUND
N	6/3/2013	?	NO VALUE FOUND
N	6/28/2013	?	NO VALUE FOUND
Y	12/13/2013	?	NO VALUE FOUND
Y	7/12/2021	?	NO VALUE FOUND
Y	10/5/2010	?	NO VALUE FOUND
N	10/1/2013	?	NO VALUE FOUND
N	2/14/2014	?	NO VALUE FOUND
N	8/8/2014	?	NO VALUE FOUND
Y	12/29/2014	?	NO VALUE FOUND
Y	9/1/2015	?	NO VALUE FOUND
N	8/19/2015	?	NO VALUE FOUND

N	8/8/2016	?	NO VALUE FOUND
N	4/17/2003	13	NOT MARKED
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N	2/3/2012	?	NO VALUE FOUND
N	12/30/2008	?	NO VALUE FOUND
Y	5/1/2009	?	NO VALUE FOUND
N	5/11/2017	?	NO VALUE FOUND
N	9/20/2010	?	NO VALUE FOUND
		?	NO VALUE FOUND
N	8/27/2013	?	NO VALUE FOUND
N	11/30/2015	?	NO VALUE FOUND
N	4/25/2018	?	NO VALUE FOUND
N	4/7/2016	?	NO VALUE FOUND
N	6/5/2015	?	NO VALUE FOUND
N	4/10/2014	?	NO VALUE FOUND
N	7/24/2023	?	NO VALUE FOUND

INVEST_BEGIN_DT

7/23/2014

8/29/2013

5/27/2014

1/21/2011

4/14/2014

4/14/2014

6/20/2014

10/7/2014

7/28/2008

4/9/2014

7/9/2015

7/1/2014

8/14/2019

12/15/2014

3/2/2005

11/5/2014

3/11/2003

12/14/2004

12/5/2011

4/21/2014

8/28/2005
3/7/2012

5/30/2012

5/31/2012

8/13/2014

8/12/2014

3/7/2012

10/7/2011

4/14/2003

8/12/2014

7/23/2008

9/2/2014

4/30/2014

3/27/2007

4/2/2007

NARRATIVE
Employee medical examination indicates a sufficient degree of pneumoconiosis. He has exercised l
By virtue of Title 30, Code of Federal Regulations, Part 90 the employee named below has been tra
Claim filed for pneumoconiosis. X-ray read date of 4/28/2014. Termination date 2/19/2010.
Claim for pneumoconiosis. X-ray read date of 1/24/2014. Employment termination date of 7/10/2(
Employee has filed a claim for Black Lung benefits with the U.S. Department of Labor, Office of Wo
EE HAS FILED AN OCCUPATIONAL PNEUMOCONIOSIS CLAIM WITH THE WV WORKER'S COMP DIVIS
Received a CWP diagnosis for EE
Received a CWP claim on 8/8/2013. Employee last worked on 9/13/2004 and is no longer employe
Received a CWP diagnosis on 12/27/13. Employee was terminated on 4/19/13 and is no longer em
A claim was received on 2/11/09 for a diagnosis of alleged coal worker pneumoconiosis that was n
Received a CWP diagnosis for employee. He was termed on 8/29/2014.
Received a CWP diagnosis for EE on 10/21/2011.
Received a CWP diagnosis for ee on 1/27/2015. He was termed on 9/21/2012 due to reduction in t
Received a CWP diagnosis for employee on 11/27/12.
Received a CWP diagnosis for employee on 5/21/2018.
Received a CWP diagnosis for employee. No % disability at this time.
Notification was received on 4/6/2016 that this former employee (retired) was granted a PPD of 2(
Notification was received on 08/21/2017 that this retired employee has received a 10% award for
WEST VIRGINIA OCCUPATIONAL PNEUMOCONIOSIS AWARD 5%
Employee was diagnosed with occupational pneumoconiosis.
ALLEGED OCCUPATIONAL PNEUMOCONIOSIS.
ALLEGED OCCUPATIONAL PNEUMOCONIOSIS.
Employee filed an ALLEGED claim for Occupational Pneumoniosis on 9/19/05 after working 1 yr. 1(
Employee has been diagnosed with Occupational Pneumoconiosis - During a Part 50 Audit it was d
AWARD WEST VIRGINIA WORKER'S COMPENSATION FOR 5% OCCUPATIONAL PNEUMOCONIOSIS.
Employee has been diagnosed with pneumoconiosis. The Safety department did not receive notifi(
Employee worked from 9/8/06 thru 1/23/07. He has been diagnosed with pneumoconiosis on 1/2
On February 04, 2014 this mine was notified that this employee has been diagnosed on 01/17/201
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
Miner was diagnosed with pneumoconiosis.
Occupational Pneumoconiosis Award
Employee had chest x ray done on 7-1-2020 ,it was read by a B reader at that time, we were notifie
We were notified that we have a miner that has been diagnosed with miners pneumoconiosis MIIN
THE OPERATOR RECEIVED NOTIFICATION ON 2-14-03 THAT EE HAS A SUFFICIENT DEGREE OF PNEU
EE has filed a black lung claim with the Kentucky Labor Cabinet, Department of Workers Claim on J
Pneumoconiosis award date 06/30/15. Last day worked 08/17/12.
Pneumoconiosis award date 10/31/16. Last day worked 08/08/13.
Received a CWP diagnosis for employee. He was termed on 6/2/14. No % disability at this time.
Received a CWP diagnosis for employee.
Received a CWP claim on 6/11/2014. Employee last worked on 1/9/2014. Accident date of 1/9/20
Received a CWP claim for employee.
Received a CWP diagnosis for employee. No % disability at this time.
OCCUPATION PNEUMOCONIOSIS.
WEST VIRGINIA OCCUPATIONAL PNEUMOCONIOSIS. 10% AWARD.
He was diagnosed with Occupational Pneumoconiosis with 10% pulmonary function impairment.
Employee was awarded 15% permanent partial disability for occupational pneumoconiosis.

Employee was awarded 15% permanent partial disability for occupational pneumoconiosis.
THIS SAFETY DEPT WAS NOTIFIED ON JAN 23RD THAT EE RECEIVED AN OCCUPATIONAL PNEUMOC
EE was diagnosed with pneumoconiosis by Dr, board certified in internal medicine on 3/14/14. I re
Employee was diagnosed with Occupational Pneumoconiosis with a reward of 0%.
The operator was notified on 2/1/2016 that the employee has been diagnosed with Occupational I
EE filed an ALLEGED claim for Occ. Pneumoconiosis on 11/1/04 after working 1yr 8mo. for Long Br
EE filed an ALLEDGED OCCUPATIONAL PNEUMONIOSIS Claim No. 2009014005 on 6/19/09. Receive
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
Occupational Pneumoconiosis
Claim for Occupational Pneumoconiosis, due to exposure to coal dust.
The company was notified that employee was awarded 10% permanent partial disability for an occ
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
On June 11, 2009 we received notification that employee was diagnosed with Occupational Pneum
Miner was diagnosed with pneumoconiosis and excercised his right to be moved to an atmosphere
The date and time of incident represents data and time I notified that the EE has been diagnosed w
Employee was diagnosed with pneumoconiosis.
Claim for Occupational Pneumoconiosis, due to exposure of mine coal dust.
Received a CWP diagnosis on 12/23/2013. Employee last worked on 9/15/2013 and is no longer w
Black Lung - Coal Dust
This miner has participated in a medical examination authorized by Federal Mine safety Health Act
On January 27, 2014, the named employee exercised his rights afforded under the Federal Regulat
Received a CWP diagnosis for employee. He last worked on 7/1/2010 when he retired. No % disabi
Former employee filed a claim for Black Lung.
Black Lung, coal dust
Received a CWP claim with diagnosis on 4/9/2014. Employee last worked on 3/18/2013 and is no l
Received a CWP diagnosis on for employee.
Received a CWP claim for employee. He last worked on 8/6/12 and is no longer with the company.
The miner received notification of a chest x-ray reading of over 1/0.
Medical evidence received on March 3, 2015 indicate that this retired former employee had receiv
The mine received self insured employers decision on 2/7/18 from a medical report dated 12/7/17
ALLEGED PNEUMOCONIOSIS 10%.
On May 27, 2014 at 4:26 p.m. we were notified that the individual that had previously been emplo
Employee was awarded on additional 5% impairment on his lungs.
This employee has been diagnosed with Occupational Pneumoconiosis, last date of exposure was 1
On August 6th 2020 we received reports that employee was diagnosed with occupational pneumo
EMPLOYEE RECEIVED A 5% PERMANENT DISABILITY AWARD FOR OCCUPATIONAL PNEUMOCONIOS
Employee exercised his rights as part 90 miner due to occupational pneumoconiosis.
EE exercised Right of Part 90 Miner. EE was running scoop and wished to remain on the scoop as lo
On Tuesday 4/8/2014, the operator was notified that this employee received a diagnosis of simple
Employee filed for Occupational Pneumoconiosis we received this notification on 12-02-15 his last
We were notified on 9/9/16 this employee was diagnosed with pneumoconiosis, employee is still w
The mine was notified on 1-25-19 that EE has workers occupational pneumoconiosis, EE had a che
Pneumoconiosis claim received medial March 23, 2007. This report being made to abate violation.
Employee has been diagnosed with Occupational Pneumoconiosis. Employee's employment endec
Employee has been diagnosed with occupational pneumoconiosis.
Pneumoconiosis - Premier Elkhorn Safety Dept. personnel were notified that the former employee
Claim for pneumoconiosis. X-ray date of 10/28/2015. Employee was terminated 4/13/2014.

Claim filed for Coal Workers Pneumoconiosis. X-ray read 11/26/2013.
Received a CWP diagnosis for employee. He last worked on 11/16/12 (RIF) and was termed on 1/1
Received a CWP diagnosis for employee. Employee was termed on 11/19/15.
Received a CWP diagnosis for employee. He last worked on 12/13/13.
Received a CWP diagnosis for employee.
Received a CWP diagnosis for employee on 6/24/14.
Received a CWP diagnosis for employee.
Received a CWP diagnosis for employee on 2/21/2022.
RECEIVED NOTIFICATION THAT WV WORKERS COMP. DIV. GRANTING AN AWARD FOR OCCUPATIO
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
On 10/03/2013, the mine operator was notified that this former employee had received a diagnos
Employee filed an ALLEGED Occupational Pneumoconiosis Claim No. 2010000961. His previous cla
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
EE was awarded 5% for an occupational pneumoconiosis claim.
Claim for Occupational Pneumoconiosis, due to exposure to mine coal dust.
EE has been diagnosed with Occupational Pneumoconiosis
Employee filed an ALLEDGED Occupational Pneumoconiosis Claim on 6/19/08. Received notice on
I was notified on 8/8/2014 that employee was diagnoised with occupational pneumoconiosis and v
This employee was laid off during a RIF at the mine on 11/01/2015. This mine received on 8/12/20
This employee was diagnosed with Occupational pneumoconiosis on 2/1/17 we received the notifi
The Company was notified that EE qualified for an occupational pneumoconiosis claim.
On 8-21-13, the mine site was notified that the OP Board found sufficient evidence to justify a diag
Notified of Occupational Illness on 08/15/2018. Miner is currently on leave and unavailable to dis
Claim filed for pneumoconiosis. Employee retired 6/1/1991. Date of award 4-30-15.
occupational illness(pneumoconiosis)
NOTIFIED BY MSHA THAT PERSON HAD CONTRACTED PNEUMOCONIOSIS.
Received a CWP claim for employee.
Received a CWP diagnosis for employee on 5/21/2018.
Received a CWP claim for employee on 3/15/2012.
Received a CWP diagnosis on 11/24/2015. He was termed on 2/19/14.
EE filed an ALLEDGED claim for OP on 9/25/09. Received notification on 4/30/10, Claim No. 20090
The employee was diagnosed with Occupational Pneumoconiosis on 09/24/2017, we received not
EE HAS BEEN DIAGNOSED WITH COAL WORKERS PNEUMOCONIOSIS WITH NO SIGNIFICANT PULMO
On 12/05/2014, the mine operator was notified that this employee received a diagnosis of simple
Claim filed for pneumoconiosis. X-ray read date of 2/5/2015.
Employee was diagnosed on 5-13-20 by a B reader that EE has pneumoconiosis, last day worked w
On 08/23/2016 this mine was notified that this employee has been diagnosed with occupational p
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
After medical examination miner has sufficient degree of pneumoconiosis (black lung) notification
EE CAME IN ON THE 13TH WITH A LETTER & OFF WORK SLIP FROM HIS DR. THE NOTE STATED 5/21
Coal dust / Black lung.
Received a CWP diagnosis for employee on 12/30/2021.
On 7/5/2012 Dominion Coal received notification from MSHA that the ee had exercised his option
Received a CWP diagnosis for employee.
BLACK LUNG DISEASE. EE WAS PERMANENTLY TRANSFERRED.
The employee has been diagnosed with pneumoconiosis (black lung) and has exercised his rights a

Received a CWP claim on 11/11/13 for employee.
Received a CWP diagnosis on 4/25/14. Employee was termed on 7/18/12 and is no longer employ
Received a CWP claim for employee on 5/10/13.
Received a CWP diagnosis for the employee. No % disability at this time.
Received a CWP diagnosis for employee. He last worked on 7/1/2015. No % disability at this time.
Employee was awarded 10% partial disability for Occupational Pneumoconiosis.
EE filed an ALLEDGED claim for OP on 3/10/09. Received notification on 5/14/09, Claim No. 20900
We were notified of his diagnosis of coal workers pneumoconiosis on 12-4-14 he hasn't worked at
Employee received a Workers' Compensation award for occupational pneumoconiosis.
Miner was diagnosed with pneumoconiosis and excercised his right to be moved to an atmosphere
Claim filed for pneumoconiosis. X-ray read date of 09/12/2017.
This report is being filed under protest and solely to abate citation 9002337. According to MSHA, a
This report is being filed under protest to abate citation 9002341. According to MSHA, an employe
Employee was diagnosed with CWP.
Employee has been diagnosed with Occupational Pneumoconiosis.
Claim for pneumoconiosis. X-ray read date of 4/17/2014. Termination date of 1/31/2008.
Pneumoconiosis - Premier Elkhorn Safety Dept. personnel were notified that the former employee
Received a CWP diagnosis for employee on 8/23/2022.
Received a CWP diagnosis for EE. He was termed on 8/31/13.
Received a CWP diagnosis on 6/11/2014 for employee.
Received a CWP diagnosis for EE. He last worked on 7/1/2011
Received a CWP diagnosis for EE on 5/15/2018.
Received a CWP diagnosis for employee on 7/1/2021.
Received a CWP diagnosis for employee on 9/26/2012.
Received a CWP claim for EE.
Medical evidence received on March 13, 2015 indicate that this retired former employee had rece
Respirable Dust
Claim for Occupational Pneumoconiosis
The operator was notified on 6/20/14 at approximately 3:00pm that this employee which was last
Received a CWP diagnosis for employee on 8/22/2019.
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
Employee has been diagnosed with Coal Workers Pneumoconiosis. Marfork Safety Department wa
The operator was notified on 8/29/2016 that the employee (Last Exposure Date Worked Feb 2014
Employer was notified 4/1/14 of employee's pneumoconiosis claim and a diagnosis made on 11/23
On 1/7/14 at approximately 9:59am we were notified that the employee had been diagnosed with
Part 90. This employee is now retired.
Pneumoconiosis award date 11/06/14. Last day worked 06/06/12.
On July 23, 2013, employee filed a black lung claim with the Virginia Workers Compensation Comm
The employee has been diagnosed with Coal Worker's Pneumoconiosis(CWP) Dominion Coal was r
The miner received notification of a chest x-ray reading of over 1/0.
West virginia occupational pneumoconiosis 10% award letter dated 4-28-05.
Employee was awarded 15% permanent partial disability for Occupational Pneumoconiosis.
On December 9,2016 this office was notified that this employee was diagnosed with Occupational
OCCUPATIONAL PNEUMOCONIOSIS CLAIM: RECEIVED MEDICAL 2/18/03, THE CLAIMANT WAS AW
Employee was diagnosed with black lung. Occupational illness.
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department was not
Pneumoconiosis claim received medical April 2, 2007. This report being made to abate violation. E

OCCUPATIONAL ILLNESS, OCCUPATIONAL PNEUMOCONIOSIS.
10% PPD award for Occupational Pneumoconiosis
Employee was diagnosed with Occupational Pneumoconiosis, Employee ceased work on 12/19/20
We were notified on 1/28/2016 that EE had been ruled compensable for a black lung claim.
Occupational Pneumoconiosis PPI Award Order received from AIG on 2.5.14 NO Lost Time.
On January 13, 2022, employee was diagnosed with occupational pneumoconiosis
Employer was informed on 2/5/15 that the employee was diagnosed with pneumoconiosis as a res
Employee was diagnosed with pneumoconiosis.
Part 90
A medical examination of MIIN M82797435 indicated that this miner had a sufficient degree of pn
On 6/26/13 Dominion Coal received notification from MSHA that the ee had exercised his option t
Received a CWP diagnosis for EE. EE was termed on 12/26/2014.
On 5-4-10, a letter was received from MSHA notifying Dochester Enterprises Inc that indicated the
Received a CWP claim for employee on 5/3/2013.
Received a CWP diagnosis for EE. EE was termed on 1/23/2013.
Received a CWP diagnosis for employee on 7/13/2022.
EE was awarded 10% occupational pneumoconiosis. Loveridge received notice on Jan 29, 2010.
NOTIFICATION FROM THE MINE SAFETY HEALTH ADMINISTRATION THAT MAN IS A PART 90 MINER
Employee was awarded 5% partial disability for occupational pneumoconiosis.
NOTIFIED ON 9/16/04 THAT CLAIMANT WAS GRANTED AN AWARD OF 10% FOR OCCUPATIONAL P
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
Claim filed for pneumoconiosis. X-ray date of 1/24/15. Employee termination date was 8/8/14.
Employee was diagnosed with Pneumoconiosis
The Company was notified on 4-23-21 that this former employee was diagnosed with pneumoconi
We were notified by msha about the part 90 miner and were unaware that we needed to complet
On 11/14/2016 this mine was notified that this employee has been diagnosed with occupational p
EE filed an ALLEGED claim for Occupational Pneumoniosis on 10/31/05. His last day worked for Lo
Occupational Illness
A Claim for Occupational Pneumoconiosis due to exposure to coal dust.
Employer was notified 10/18/2013 by worker's compensation provider that employee had a diagn
Pneumoconiosis award date 02/01/16. Last day worked 01/31/13
Claim for pneumoconiosis. Termination date of 11/13/13. X-ray read date of 4/3/14.
Exact date and time are unknown as this is an occupational illness. Roxcoal received a letter from I
Received a CWP diagnosis for employee on 3/12/2014.
Received a CWP diagnosis for employee from Worker's Comp. He was termed on 11/20/2015.
Received a CWP diagnosis for Leonard Boggs on 4/20/2012.
Received a CWP diagnosis for employee on 6/20/2014.
Received a CWP diagnosis for employee on 6/17/2021.
EE filed an ALLEGED claim for Occupational Pneumoconiosis on 10/28/11. Received notice on 11/1
Injury filed an ALLEDGED Occupational Pneumoniosis Claim No. 2009011422 after he was laid off c
Employee has been diagnosed with Occupational Pneumoconiosis. Employees Date of Last Exposu
EE WAS AWARDED 15% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
The operator was notified on 12/2/2015 that the employee has been diagnosed with Occupational
Employee has been diagnosed with Occupational Pneumoconiosis
On 7/21/09 was notified the EE presented sufficient evidence to justify a diagnosis of occupational
Employee has been diagnosed with Pneumoconiosis.

Employee has been diagnosed with Occupational Pneumoconiosis.
We were notified on 04/13/2016 that employee had been ruled compensable for a black lung clair
Claim for pneumoconiosis - X-ray date was 3/4/14
Employee was diagnosed with coal miners Pneumoconiosis (black lung)
The miner has participated in a medical examination authorized by the Federal Mine Safety and He
Received a CWP diagnosis for employee. He last worked on 3/26/2010.
Exposure to Coal Mine Dust
Received a CWP claim on 6/14/2013. Employee last worked on 2/12/2005 and is no longer employ
Received a CWP diagnosis on 8/13/2014 for EE
Received a CWP diagnosis for employee. He was termed due to a reduction in workforce on 5/15/
Employee has filed for coal miners pneumoconiosis (black lung). We received notice on 05/09/201
Received a CWP diagnosis for employee on 12/7/2022.
The mine received notification on 8/11/17 that this employee has been granted an award of 10% f
The mine received self insured employer decision on 7/20/18 from a medical report dated 5/15/18
Employer was notified on 1/29/16 that the employee had a pneumoconiosis diagnosis on 8/29/15
OCCUPATIONAL ILLNESS, PNEUMOCONIOSIS (BLACK LUNG) PART 90 MINER.
On 09/21/2016 the mine was notified this employee has been diagnosed with Simple Pneumoconi
Operator received notification on 3/18/2014 the employee has been diagnosed with black lung. T
OCCUPATIONAL ILLNESS. OCCUPATIONAL PNEUMOCONIOSIS.
Employee has been diagnosed with Occupational Pneumoconiosis. The Marfork Safety Departmer
Employee has been diagnosed with Occupational Pneumoconiosis
EE RECEIVED A 15% PERMANENT DISABILTY AWARD FOR OCCUPATIONAL PNEUMOCONIOSIS.
EMPLOYEE WAS AWARDED 10% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
Miner advised by telephone call from dist 4 this indiv has exercised his right at the time the mine w
The Company was notified on 01/07/2021 that this employee was diagnosed with pneumoconiosis
In May of 2015 this employee retired from work. On 08/22/2016 this mine was notified that this e
Occupational Pneumoconiosis
Employee was diagnosed with occupational pneumoconiosis.
Employee was granted a 10% award for pneumoconiosis on 8/27/13 by the WV Occupational Pne
After mining had ceased and mine entrances sealed, the operator received notice of Occupational
the employee has been diagnosed with occupational pneumoconiosis, we were informed on 02-23
MONTERY COAL COMPANY WAS NOTIFIED THAT EMPLOYEE HAD SUFFICIENT EVIDENCE OF PNEUM
On June 14,2013 EE filed for Federal Black Lung with the Office of Worker's Compensation. There i
EE was employed by Premier Elkhorn Coal Company from 1/19/02 until 7/19/07. ON 3/31/08, EE v
The superintendent was given letter of correspondence by employee from the dr. on 1/14/13. The
Received a CWP diagnosis for employee. He last worked on 8/7/2013.
Received a CWP diagnosis on 6/16/2014. Employee last worked on 3/20/14 and is no longer emplo
Received a CWP diagnosis on 5/13/2014. Employee was termed on 4/9/2013 and is no longer emp
Received a CWP diagnosis on 4/13/2020 for employee.
Notification has been received via US mail that this retired former employee has been awarded pe
Notification was received on 10/25/2016 that this employee has been granted an award of 10% fo
Employee was diagnosed with occupational Pneumoconiosis and was awarded 10% permanent pa
Diagnosed with Occupational Pneumoconiosis in letter dated 8/20/09, received on 8/27/09.
Employee was awarded 10% partial permanent disability for occupational pneumoconiosis.
Miner was diagnosed with evidence of pneumoconiosis and was placed in a Part 90 Miner status ir
Employee filed an ALLEDGED" Occupational Pneumoniosis claim No. 2008007023 on 3/3/08. Rece
Employee was diagnosed with occupational pneumoconiosis.

EE WAS AWAWRDED 5% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
EE has been diagnosed with Occupational Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis without pulmonary function imp
Employee received an additional 10% award for OP. Employee received employee's original 30% a
Employee has been diagnosed with a sufficient degree on pneumoconiosis"(black lung) and is eligi
We was notified on 1/12/15 that he was diagnosed with simple pneumoconiosis on 6/24/14. He ha
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
The Operator was notified on 4/8/2021 that the employee was diagnosed with Occupational Pneu
Employee was diagnosed with Pneumoconiosis.
On September 28, 2015, this mine was notified that this employee was diagnosed with an Occupat
Claim for Occupational Pneumoconiosis due to coal dust.
Pneumoconiosis award date 10-04-15. Last day worked 12-27-12.
Received a CWP diagnosis on 2/14/2014. Employee was termed on 4/21/2013 and is no longer em
This miner participated in a medical examination authorized by the Federal Mine Safety and Health
Received a CWP diagnosis for employee. He was terminated on 6/19/11.
Received a CWP diagnosis for employee on 4/29/2019.
OCCUPATIONAL PNEUMOCONIOSIS.
RECEIVED LETTER FROM WORKERS COMPENSATION DIVISION GRANTING AN AWARD FOR OCCUPA
Was diagnosed with 10% occupational pneumoconiosis. Loveridge was notified on 2/4/11.
Employee was awarded 10% Partial Disability for Pneumoconiosis.
Employee was awarded a 20% partial disability for Occupational Pneumoconiosis.
This employee has not been working since 5/13/2009. On 04/11/2016 this Plant was notified that
EE began missing on May 2, 2011 due to sickness. The Employer was notified on December 20, 201
Employee was diagnosed with Pneumoconiosis by a board certified doctor in internal medicine on
Employee exercised his rights as a part 90 miner due to occupational Pneumoconiosis.
OCCUPATIONAL PNEUMOCONIOSIS AWARD. (NOTIFICATION RECEIVED ON 8/5/04).
Management was notified on 07/14/08 that employee had participated in a medical examination a
The operator has been notified that the employee has been diagnosed with occupational pneumoc
Confirmed OP diagnosis on 2/13/13.
Claim for occupational Pneumoconiosis due to exposure to mine coal dust
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
Employee was diagnosed with pneumoconiosis.
Employee has exercised his rights to occupational pneumoconiosis. On 06/04/2013 a chest x-ray sh
The operator was notified on 11/10/2015 that the employee has been diagnosed with Occupation
Employee was diagnosed with pneumoconiosis.
Employee was diagnosed with Occupational pneumoconiosis on 5/2/22 by chest x ray. We were no
On 5/3/13 this employee retired form coal mining. On 3/29/16 this company was notified that ee v
Received a CWP diagnosis on 12/12/13. Employee was termed on 3/5/13 and is no longer employ
On 5/18/12 employee stated that he was informed by his personal physician that he has pneumoc
Employee was given a diagnosis of pneumoconiosis based upon readings of April 27, 2005 film fro
Received a CWP diagnosis for employee. He last worked on 7/2/2014. No % disability at this time.
The employee has been diagnosed with occupational pneumoconiosis.
The mine received Self Insured Employer Decision on 09/19/2016 from a medical report dated 08/
Employee was awarded 10% permanent partial disability for Occupational Pneumoconiosis.
ALLEGED 10% PNEUMOCONIOSIS.
Employee was diagnosed with pneumoconiosis by Dr. on December 6, 2012 by chest x-ray. We rec

Employee was diagnosed occupational pneumoconiosis without pulmonary function impairment.
The Occupational Pneumoconiosis Board diagnosed employee with occupational pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis. Marfork Safety Department rec
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department was no
Employee has been diagnosed with Occupational Pnemoconiosis.
EMPLOYEE FILED FOR OCCUPATIONAL PNEUMOCONIOSIS ON 12-30-03 REC NOTICE 1-17-03.
On 1-9-19 Employee received 10% awarded for occupational pneumoconiosis. Employee has retire
The operator was notified on 8/5/2022 that the employee was diagnosed with occupational pneur
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
On 7/25/14 at approximately 8:00 a.m. the operator was notified that this previously employed in
Occupational Pneumoconiosis
Operator was notified on 12/02/2010 that the employee had participated in a medical examinatio
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
This office was notified on 1/18/12 that a former EE assigned to TSSG has filed a claim for black lur
Operator Received notice on 11-13-13 that employee participated in a medical exam and has a suf
We was notified on 10/14/2021 that employee was diagnosed on 6/15/21 with occupational pneu
Received a CWP diagnosis for EE. EE was termed on 11/19/15.
Received a CWP claim for Donald Duncan. He was termed due to mine closure on 8/25/2014.
Received a CWP diagnosis for employee. EE was termed on 8/29/14.
Received a CWP claim on 10/9/13 for employee.
Received a CWP diagnosis for employee.
Received a CWP diagnosis for EE on 8/22/2014.
Received a CWP diagnosis for employee on 5/31/2012.
Received a CWP diagnosis for EE. No % disability at this time.
Received a CWP diagnosis for employee on 7/18/2018.
The miner received notification of a chest x-ray reading of over 1/0.
Occupational Illness: Employee was diagnosed with Occupational Pneumoconiosis (Black Lung). W
Medical evidence received on 5/13/2015 that is dated 5/11/2015 indicate that this retired former
Medical evidence received indicate that this retired former employee (retired 1-8-2006) has receiv
RETIRED EMPLOYEE AWARDED 15% DISABILITY FOR PNEUMOCONIOSIS.
Consolidation Coal Company received a report dated 2/25/2014 from Occupational Pneumoconios
We were notified on 7-19-13 that employee has been diagnoised with occupational pneumoconios
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
EE RECEIVED 15% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
Employee was awarded 5% ppd benefits for occupational pneumoconiosis.
Claim for Occupational Pneumoconiosis, due to exposure to coal dust.
Employee has been diagnosed with Occupational Pneumoconiosis
Company was notified on 10/7/2020 that former employee was diagnosed with pneumoconiosis o
On 11/30/2016 this mine was notified this employee was diagnosed with Occupational Pneumoco
This office was notified on 06/21/19 that EE was diagnosed with Occupational Pneumoconiosis on
Medical evidence received indicates a 10% black lung impairment.
Occupational Pneumoconiosis, due to exposure of coal dust, filed on 01/22/2012, and was awarde
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Claim filed for pneumoconiosis. Date of diagnosis was 11/16/2015. Date of notification was 1/14/2
On April 23, 2014 we were notified that the employee had a medical examination that indicated ev

Employer was notified by the workers compensation administrator on 3/21/16 that the employee
Part 90
This is to report a miner that has exercised EE's rights as a part 90 Miner.
Pneumoconiosis award date 08/17/16. Last day worked 08/10/13.
Claim filed for pneumoconiosis. Termination date 7/7/2014. X-ray date 11/21/2014.
Claimant was awarded black lung benefits.
Received a CWP diagnosis for employee. Employee last worked on 3/29/2014.
Received a CWP diagnosis for EE.
Received a CWP diagnosis for employee. EE was termed on 9/25/15.
Received a CWP claim for employee on 7/4/2013.
The employee was diagnosed with 10% permanent partial disability. The mine was notified on Jun
Employee filed an ALLEGED occupational pneumoconiosis claim on 10/24/08. Received notice on
OCCUPATIONAL PNEUMOCONIOSIS CLAIM- MEDICAL RECEIVED 9/19/03 SHOWS THE CLAIMANT H
EE has been diagnosed with Occupational Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been off work since 08/17/2015 for a work related incident. On 09/29/2016 this mi
We were notified on 9/9/14 that he has been diagnosed with coal workers pneumoconiosis.
Employee filed an ALLEDGED Occupational Pneumoconiosis Claim on 8/28/06. Received notice on
Employee was diagnosed with Occupational Pneumoconiosis.
This person has filed an occupational pneumoconiosis claim with Brick Street Mutual Insurance (W
Employee has been diagnosed with Occupational Pneumoconiosis. Employee has been released du
On March 25, 2013 employee was awarded 10% pulmonary function impairment attributed to occ
Previous employee has been diagnosed with pneumoconiosis; company notification 4/20/2015. Er
This is not an accident, this is an illness, Part 90 miner. MIIN # M64567381.
THE OPERATORS INVESTIGATION DETERMINED THAT THIS ALLEGED INJURY/ILLNESS WAS NOT WC
EE HAS FILED A FEDERAL BLACK LUNG CLAIM WITH THE US DEPT OF LABOR. NO ONE MINE CAN BE
Employee was granted 10% award by the Occupational Pneumonconiosis Board.
Received a CWP diagnosis for employee.
Received a CWP diagnosis for employee.
Received a CWP claim for employee.
On 06/28/2010 the employee had a preliminary diagnosis of Pneumoconiosis (black Lung). The cla
Received a CWP diagnosis for employee. He last worked on 1/17/2010.
Received a CWP diagnosis for EE on 5/21/2018.
Notification was received on 02/14/2020 that this retired employee has received a 10% award for
The mine received a Self Insured Employer Decision on 7/14/20 from the Occupational Pneumocor
West Virginia Occupational Pneumoconiosis 10% award letter dated 4-28-05.
ALLEGED PNEUMOCONIOSIS 10%.
ALLEGED PNEUMOCONIOSIS 10%.
Employee was diagnosed with occupational pneumoconiosis.
Occupational pneumoconiosis - Date notified 01-19-2007.
AWARD FORM WV WORKERS COMPENSATION DIVISION FOR PNEUMOCONIOSIS.
Employee was awarded 15% benefits (additional) for occupational pneumoconiosis.
Claim for occupational pneumoconiosis due to exposure to mine coal dust.
Employee has been diagnosed with simple workers pneumoconiosis
EMPLOYEE WAS AWARDED A 20% BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
MR. TURNER FILED FOR OP ON 12-30-02 REC. NOTICE 1-17-03 CLAIM NO. 20030300881-OP ALLEG
Employer was notified on 11/18/14 by the compensation provider of a diagnosis of pneumoconios

ON 12/1/14 at approximately 8:00 a.m. the operator was notified that the employee had been dia
Received a CWP diagnosis for employee on 1/25/2019.
Medical evidence received Nov. 5, 2007 states diagnosis of occupational pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee is diagnosed with pneumoconiosis.
Claim for pneumoconiosis. X-ray read date of 4/21/14. Employment termination date of 5/1/2003
Pneumoconiosis award date 07/16/15. Last day worked 12/06/12.
Black Lung
Pneumoconiosis award date 06/21/16. Last day worked 09/01/10.
diagnosed with pneumoconiosis
Received a CWP claim with diagnosis on 4/15/2014. Employee last worked on 4/16/2013 and is no
Employee has filed a claim for black lung benefits with the Virginia Workers' Compensation Comm
Received a CWP diagnosis on 1/20/2014. Employee was termed on 12/24/2013 and is no longer er
Received a CWP diagnosis on 7/7/2014. Employee last worked on 2/8/2013 and is no longer emplo
Possible occupational illness, due to exposure to inspirable dust.
Received a CWP claim for EE on 6/28/2013.
Received a CWP diagnosis for EE on 5/21/2018. EE last worked on 1/6/2017 and was termed on 7/
Received a CWP diagnosis for employee on 12/17/2020.
Received a CWP diagnosis for EE on 9/2/2021.
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department was not
Employee was diagnosed with pneumoconiosis by doctor. We received the e-mail on 7/8/15. He w
EE RECEIVED A 5% PERMANENT DISABILITY AWARD FOR OCCUPATIONAL PNEUMOCONIOSIS.
OCCUPATIONAL PNEUMOCONIOSIS
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis. Employee retired on July 31, 20
Claim for Occupational pneumoconiosis, due to exposed to coal dust.
EE FILED FOR OCCUPATIONAL PNEUMOCONIOSES ON 7/25/03. RECEIVED NOTICE ON 9/12/03. ALL
EE FILED FOR OCCUPATIONAL PNEUMOCONIOSES ON 8/26/03. RECEIVED NOTICE ON 9/12/03. ALL
WEST VIRGINIA WORKERS COMPENSATION AWARD FOR PERMANENT PARTIAL DISABILITY OF 5% F
Employee diagnosed with OP
Report filed for occupational illness. Person has worked on continuous miner section during his mi
Mine management was notified on 8/1/2014 of employee diagnosis pertaining to occupational Pn
Employer received information from the workers compensation provider on 10/15/14 that the em
The company was notified 7/9/13 that EE qualified for a occupational pneumoconiosis claim.
Black Lung
No Accident. - Clinical pneumoconiosis established on the former employee. Company notified on
This miner participated in a medical examination authorized by the Federal Mine Safety and Health
Exposure to Coal Mine Dust
Employee received a CWP diagnosis on 12/16/13.
The mine received notification on 4/3/17 that this employee has been granted an award of 10% fo
The mine received self-insured employer decision on 11/24/14 from a medical report dated 9/23/
West Virginia Occupational Pneumoconiosis 10% Award. Letter dated Jan. 17, 2007.
Employee has been granted a 10% Occupational Pneumoconiosis partial disability.
Employee was awarded 10% permanent partial disability for occupational pneumoconiosis.
Employee has been diagnosed with Coal Workers Pneumoconiosis.
Employee was granted an award for occupational pneumoconiosis.
EE filed an ALLEDGED occupational pneumoniosis claim on 11/24/08, Claim No. 2008036353. Rece

Employee was diagnosed with pneumoconiosis by the board certified in internal medicine on 3/26
COMPENSATION AWARD FOR PNEUMOCONIOSIS.
The employee, an electrician on a non-producing shift, was recently diagnosed with occupational p
Employee has been diagnosed with pneumoconiosis.
This office was notified on 06/21/2019 that employee was diagnosed with Occupational Pneumoc
This office was notified on 04/03/2019 that EE was diagnosed with Occupational pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has over 30 years of underground mining experience, most of which has been at the fac
Employee filed for Black Lung then the following month quit. Letter received on 11/1/11 in HR dep
On 8/7/14 the mine operator was informed that the employee is a Part 90 miner.
Pneumoconiosis award date 02/23/16. Last day worked 05/20/14.
Pneumoconiosis award date 06/12/15. Last day worked 04/01/13.
Received a CWP diagnosis for employee. He voluntarily quit on 9/4/2015.
Coal dust / Black lung.
On May 19th 2013 the company was contacted by letter stating that a medical examination of em
Not wearing respirator, not following ventilation plans. *Employee did not notify mine manageme
EE WAS DIAGNOISED WITH COAL MINER PNEUMOCONIOSIS
Employee alleges to have contracted Coal Workers Pneumoconiosis while employeed at Jewell Sm
Received a CWP claim for EE on 11/1/13.
Received a CWP diagnosis on 6/11/14. Employee last worked on 7/29/2010.
Received a CWP diagnosis for EE. He last worked on 7/23/2014. No % disability at this time.
The mine received self insured employer decision on 12/5/16 from a medical report dated 10/11/1
The mine received a Self Insured Employer Decision on 8/2/2023 from the Occupational Pneumoc
West Virginia Occupational Pneumoconiosis. No award, no filing. This report is filed to abate 71394
OCCUPATIONAL PNEUMOCONIOSIS CLAIM. THE CLAIMANT HAS BEEN AWARDED 10%.
An employee of our operation was diagnosed with pneumoconiosis and has exercised their part 90
Occupational Pneumoconiosis - Received diagnosis 07-15-2010.
EE filed an ALLEDGED Occupational Pneumonoconiosis Claim on 10/22/08. Received notice on 10/
EE filed an ALLEDGED occupational pneumoniosis claim No. 2010018998 on 10/25/10. Received n
Employee has been diagnosed with Occupational Pneumoconiosis. Employee was terminated due
The employee has filed for Occupational Pneumoconiosis.
Employee was diagnosed with Pneumoconiosis by a board certified doctor in internal medicine on
Occupational Pneumoconiosis
The employee has been awarded 10% permanent partial disability for occupational pneumoconios
Employee was diagnosed with pneumoconiosis.
A diagnosis of occupational pneumoconiosis was confirmed on 1-10-13. The employer was notifie
Employee was diagnosed with pneumoconiosis.
Miner has been diagnosed with pnuemoconiosis.
THE OPERATOR WAS NOTIFIED BY MSHA THAT THE EE EXERCISED HIS RIGHTS UNDER 30 CFR PART
Employee turned in letter stating that ee had been diagnosed with silicosis.
Employee has filed a black lung claim with the Kentucky Labor Cabinet Department of Workers' Cla
Alleged state black lung
Received a CWP diagnosis for employee. He was termed on 8/25/14. No % disability at this time.
Received a CWP diagnosis on 3/18/2014 for employee.
Received a CWP claim for employee.
Received a CWP claim for employee on 12/6/2013.
Received a CWP diagnosis for Employee.

The mine received a Self Insured Employer Decision on 10/1/20 from Occupational Pneumoconios
Employee was awarded 10% permanent partial disability for occupational pneumoconiosis.
EE WAS AWARDED 5% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSES.
I was notified on 4/20/2020 the employee was diagnosed with black lung.
EE RECEIVED A 5% PERMANENT DISABILITY AWARD FOR OCCUPATIONAL PNEUMOCONIOSIS.
EMPLOYEE FILED FOR OCCUP PNEUMOCONIOSIS ON 3-19-03. RECEIVED NOTICE 4-24-03.
Employee has been diagnosed with Occupational Pneumoconiosis.
The operator was notified on 12/17/2015 that the employee has been diagnosed with Occupation
EE FILED FOR OCCUPATIONAL PNEUMOCONIOSIS ON 11-7-02.
THE CO RECEIVED MEDICAL NOTIFICATION ON JAN 21, 2004 THAT STATES THIS IS THE INITIAL AWA
Employee has been diagnosed with Occupational Pnemoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee was diagnosed with Occupational Pneumoconiosis on 9-21-20 we were notified 7-13-21
The operator was notified by MSHA that the ee exercised his rights under 30 CFR Part 90.
The results of a medical examination indicates the the miner may have pneumoconiosis.
Employee has filed a claim for Black Lung Benefits with the U.S. Department of Labor, Office of Wo
Pneumoconiosis
Pneumoconiosis
Claim filed for pneumoconiosis. Termination date of 7/9/14. X-ray date of 9/9/14.
Received a CWP diagnosis for employee.
Received a CWP diagnosis for EE.
On July 23, 2013, employee filed a black lung claim with the Virginia Workers' Compensation Comr
Received a CWP diagnosis for employee on 4/19/2022.
Received a CWP diagnosis for employee on 4/27/2020.
The miner received notification of a chest x-ray reading of over 1/0.
The mine was notified on 4/6/2016 that this former EE (retired) has been granted an additional PP
The mine received a Self Insured Employer Decision on 12/1/2020 from Occupational Pneumoconi
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
We were notified on February 10, 2014 that ee has been diagnosed with Black Lung disease.
On 07/21/2015 this employee was terminated due to a reduction in the workforce. On 10/13/201
Employee received an award of compensation for Pneumoconiosis.
OCCUPATIONAL ILLNESS PART 90 MINER.
Employee has been diagnosed with Occupational Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis
On 7-30-18 employee received 10% PPD awarded for occupational pneumoconiosis. Employee wa
Employee has been diagnosed with Occupational Pneumoconiosis.
Victim has activated his Part 90, reduced dust standard, option to work in a low-dust area of the m
Occupational Illness
On 7/9/2014 the operator was notified that the employee had been diagnosed with occupational p
We were notified on 6/8/2021 that employee was diagnosed with occupational pneumoconiosis o
Employee took chest x ray on 8-3-21 and was diagnosed with occupational pneumoconiosis, we wa
Employee has filed a black lung claim.
EE HAS INFORMED US THAT EE HAS BEEN DIAGNOSED WITH PNEUMOCONIOSIS. CWP
Received CWP claim for employee. He last worked on 3/25/15 and was termed on 9/21/15.
RECEIVED A LETTER STATING THE MINER HAD AN X-RAY INDICATING EVIDENCE OF PNEUMOCONIC
Received a CWP diagnosis for employee. He last worked on 8/31/2010.
Received a CWP diagnosis for employee. He last worked on 12/13/2013. No % disability at this tim

Received a CWP diagnosis on 8/8/2014 for Harold Mullins.
Received a CWP diagnosis for employee. He last worked on 5/29/14.
Received a CWP diagnosis for employee on 2/6/14.
Received a CWP diagnosis for employee from Worker's Comp.
Received a CWP diagnosis for employee. Employee was termed on 11/20/15.
Received a CWP claim for EE. No % disability at this time.
Medical evidence received on 05/04/2015 that is dated 05/01/2015 indicate that this retired form
Medical evidence received on 02/29/2016 indicate that this retired former employee has received
The mine received a Self Insured Employer Decision on 10/5/20 from Occupational Pneumoconios
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
Employee was diagnosed with pneumoconiosis.
EE WAS AWARDED 5% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
Employee has been diagnosed with Occupational Pneumoconiosis.
EE FILED FOR FEDERAL BLACK LUNG. RECEIVED REQUEST FOR INFORMATION ON 2-16-04. ALLEGED
Occupational illness
IT HAS COME TO OUR ATTENTION THE EE HAS BEEN AWARDED 15% PERMANENT PARTIAL DISABIL
Medical evidence received idicates a 10% permanent partial disability for Occupational Pneumoco
Employee has been diagnosed with Occupational Pneumoconiosis. Marfork Safety Department wa
On February 1, 2016 this mine was notified that this employee was diagnosed with Occupational P
On 11/5/2014 the operator was notified that the employee had been diagnosed with pneumoconi
On 01/22/2019 this mine was notified that this employee was diagnosed with Occupational Pneum
PNEUMOCONIOSIS (BLACK LUNG) PART 90 TRANSFER TO A AREA WHERE THE CONCENTRATION OI
On 11-29-10 we recieved an ILO radiograph report which stated that EE has Pneumoconioses with
On October 22, 2014, the named employee exercised his rights afforded under the Federal Regulat
Exposure to Coal Mine Dust.
Received a CWP claim for EE on 5/14/2013.
Received a CWP claim for EE on 10/1/2013.
Received a CWP claim for employee.
The mine received a self insured employee decision on 1/17/18 from a medical report dated 11/28
OCCUPATIONAL PNEUMOCONIOSIS 15%.
ALLEGED BLACK LUNG.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee was diagnosed with Coal Workers Pneumoconiosis.
Award granted for Occupational Pneumoconiosis by WV Occupational Pneumoconiosis Board. The
Employee has been diagnosed with Occupational Pneumoconiosis - During a Part 50 Audit it was d
Employee has been diagnosed with Occupational Pneumoconiosis.
We were notified on 4-28-2020 that employee had been diagnosed with pneumoconiosis on 4/22/
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department was not
Claim for Occupational Pneumoconiosis due to exposure to mine coal dust.
Claim for pneumoconiosis. X-ray read date of 2/20/2014. Termination date of 4/13/2003.
Coal Dust Black Lung
Pneumoconiosis
Employee has filed a claim for Black Lung Benefits with the U.S. Department of Labor Office of Wor
Coal dust Black Lung
Received a CWP diagnosis for EE. He last worked on 7/22/2014 and was terminated on 8/25/2014
Received a CWP claim on 11/11/13 for employee.
Received a CWP claim on 7/16/2013. Employee last worked on 6/11/2013 and is no longer employ

Received a CWP claim on 4/9/2014 for employee.
OCCUPATIONAL PNEUMOCONIOSIS
The employee has been diagnosed with occupational pneumoconiosis.
Employee was awarded 10% partial disability for occupational pneumoconiosis.
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
Occupational Pneumoconisis award 10%
Employee has been diagnosed with Occupational Pneumoconiosis. Marfork Safety Department rec
The operator was notified on 7/15/2016 that the employee has been diagnosed with Occupational
Employee worked at Ruby Energy for approx 1 month he went out on short term Disability and ha
Employer received a pneumoconiosis claim on 2/19/15 noting an initial diagnosis on 2/10/15.
Employee was diagnosed with occupational pneumoconiosis on 11/3/2015. The operator was noti
Employee is diagnosed with pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Previous employee has been diagnosed with pneumoconiosis; company notification 04/17/2015. E
We were notified on Nov 2, 2021 that this employee has a Pneumoconiosis category s/p 1/0. No w
Coal dust / Black lung.
Claim filed for pneumoconiosis. Made aware of claim 12/16/2013.
Pneumoconiosis award date 10/31/16. Last day worked 10/08/14.
Received a CWP diagnosis on 2/7/2014. Employee last worked on 11/19/2010 and is no longer em
Received A CWP diagnosis on 7/17/14 for Elmer Campbell.
Received a CWP diagnosis for Employee.
OCCUPATIONAL PNEUMOCONIOSIS.
Notification was received on 11-4-2016 that this employee has been awarded a PPD of 10% for Oc
The mine received self insured employer decision on 1/13/15 from a medical report dated 11/13/
Employee has been diagnosed with Occupational Pneumoconiosis
ALLEGED OCCUPATIONAL PNEUMOCONIOSIS.
Diagnosis of Pneumoconiosis. Received 01/22/2010.
Occupational pneumoconiosis.
Claim for Occupational Pneumoconiosis due to exposure to mine coal dust.
Employee was diagnosed with Occupational Pneumoconiosis.
EE WAS AWARDED 5% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
On 4/14/15 at approximately 4:00 p.m. the operator was notified that the employee had been diag
Mine operator has been notified that the former employee (last exposure date worked was Augus
On 01/28/2019 this mine was notified that this employee was diagnosed with Occupational Pneum
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
Mine was notified on 03/28/2014 that employee had diagnosis of pneumoconiosis.
After mining had ceased and mine entrances sealed, the operator received notice of Occupational
MEDICAL EXAMINATION INDICATES DEGREE OF PNEUMOCONIOIS TO BE CLASSIFIED AS PART 90 M
EE filed a claim for Black Lung Benefits with the US D.O.L. Office of Worker's Comp. The date issue
On 8/24/11 the individual filed a claim for Coal Workers Pneumoconiosis with the Kentucky Labor
Pneumoconiosis award date 02/16/16. Last day worked 11/09/12.
Pneumoconiosis award date 10/19/16. Last day worked 02/26/15.
Employee has exercised his option to work in a low dust area (Part 90 Miner)
Received a CWP claim for employee on 10/3/2013.
Received a CWP diagnosis for employee on 1/15/2013.
Received a CWP claim for employee on 12/6/2013.
The miner received notification of a chest x-ray reading of over 1/0.

Employee was awarded 10% partial disability for pneumoconiosis.
Employee filed an ALLEGED" occupational pneumoniosis claim on 9/22/06. Received notification o
Employee has been diagnosed with simple occupational pneumoconiosis
Employee has been diagnosed with pneumoconiosis.
On march 31, 2004, ee was given an award for occupational pneumoconiosis.
EE was rewarded 5% ppd benefits for occupational pneumoconiosis.
Has been diagnosed with a degree of Pneumoconiosis.
Employee filed an ALLEDGED Occupational Pneumoconiosis Claim on 6/5/10, Claim No. 201001195
Employee filed an ALLEGED" occupational pneumoniosis claim No. 2005030425 on 2/9/05. Receiv
Long-term exposure to dust.
AWARD FROM WEST VIRGINIA WORKER'S COMPENSATION DIVISION FOR 10% AWARD FOR OCCUP
PROLONGED EXPOSURE TO COAL DUST, MEDICAL EXAMINATION INDICATES THAT THIS MINER HAS
The Company was notified on 12/17/2020 that this former employee was diagnosed with pneumo
EE WAS AWARDED 5% OCCUPATIONAL PNEUMOCONIOSIS BY WEST VIRGINIA WORKERS COMPENS
On 12-3-19 an employee received 15% award in occupational pneumoconiosis. The employee is cu
Illness
Per NIOSH notification, ee has been diagnosed with Catagory 1, coal workers' pneumoconiosis.
EE exercised his rights to become a part 90 miner by presenting evidence of his condition from a re
Pneumoconiosis award date 07/13/15. Last day worked 10/24/12.
Claim filed for Coal Workers Pneumoconiosis.
Claim filed for pneumoconiosis. Diagnosis date 05/29/2015. Employer received notification 09/15/
Received a CWP diagnosis for employee.
Received a CWP claim with diagnosis on 4/9/2014. Employee was termed on 4/9/2013 and is no lo
Received a CWP diagnosis for employee on 1/8/2019.
Received a CWP diagnosis for employee on 1/5/2021.
The miner received notification of a chest x-ray reading of over 1/0.
REPORTED CLAIM ON OCCUPATIONAL PNEUMOCONIOSIS BY WV WORKER'S COMP. DUE TO EXPOS
Claim filed for pneumoconiosis. Employee retirement date of 12/29/2014. Diagnosis date of 3/26/
Employee received a 10% permanent disability award for occupational pneumoconiosis.
Employee filed an ALLEDGED occupational pneumoniosis claim on 6/3/05, Claim No. 2005044352-
Employee was diagnosed with occupational pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with simple pneumoconiosis.
PROLONGED EXPOSURE TO COAL DUST, MEDICAL EXAMINATION INDICATES THAT THIS MINER HAS
Employee was diagnosed with simple pneumoconiosis on 3/2/15. We were notified on 5/15/15.
Employee has been diagnosed with Occupational Pneumoconiosis. Marfork Safety Department rec
On June 16, 2015 - mine operator was notified that the former employee was diagnosed with simp
The operator was notified on 2/2/2016 that the employee has been diagnosed with Occupational I
Employee medical examination indicates a sufficient degree of pneumoconiosis. He has exercised
Employee medical examination indicates a sufficient degree of pneumoconiosis. Employee has exe
Per notice received from MSHA, Employee has been diagnosed with a sufficient degree of pneumo
EE has been awarded Black Lung Benefits by the U.S, Department of Labor, Office of Worker's Com
During a pre-employment medical exam it is alleged that this miner has a sufficient degree of pneu
Pneumoconiosis award date 08/31/15. Last day worked 12/07/12.
Black lung claim
EE ALLEGES TO HAVE CONTRACTED COAL WORERS PNEUMOCONIOSIS WHILE EMPLOYED AT DOM
Received a CWP claim on 10/28/2013 for employee.

Received a CWP diagnosis on 1/24/2014 for employee.
The mine received notification on 3/17/17 that this employee has been granted an award of 20% f
Occupational pneumoconiosis. Diagnosis made 7/17/09, received by company 8/4/09.
OCCUPATIONAL PNEUMOCONIOSIS CLAIM. THE CLAIMANT WAS GRANTED 5% PPD.
On January 31, 2015 this employee was terminated due to a Lay off at the mine site. On May 7th, 2
10% Occupational Pneumoconiosis Award.
Employee has been diagnosed with Occupational Pneumoconiosis - During a Part 50 Audit it was d
Employee was diagnosed with pneumoconiosis.
Award granted for Occupational Pneumoconiosis by WV Occupational Pneumoconiosis Board. The
Claim for Occupational Pneumoconiosis, due to exposure to coal dust
Employee has been diagnosed with simple occupational pneumoconiosis
The operator was notified on 12/2/2015 that the employee has been diagnosed with Occupational
Employee was diagnosed with Occupational Pneumoconiosis and has exercised his rights as a Part
OCCUPATIONAL PNEUMOCONIOSIS CLAIM. MEDICAL RECEIVED 9/11/03 SHOWS CLAIMANT WAS A
Claim for Occupational Pneumoconiosis, due to exposure to coal dust.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis. Employee is on disability effect
On 8/6/2014 mine management was notified of the employee's diagnosis of occupational pneumo
Brooks Run Mining Co. LLC accepted a federal black lung claim on 1/24/14 for this individual who h
Miner was diagnosed with evidence of pneumoconiosis and was placed in a Part 90 Miner status ir
The mine was notified by MSHA that employee received a diagnosis of occupational illness and has
EE started missing work due to self-sickness. We rec. notification on 11/16/10 that he has filed for
Coal Dust - Black Lung
OCCUPATIONAL ILLNESS, PNEUMOCONIOSIS.
Claim filed for pneumoconiosis. Termination date of 3/19/2014. X-ray date of 8/22/2014.
Employee has filed an application for benefits under the Black Lung Benefits Act on 5/17/12 with t
EMPLOYEE WAS DIAGNOSED WITH COAL MINER PNEUMOCONIOSIS
Received a CWP claim on 4/12/13 for employee.
Received a CWP claim for EE. He last worked on 7/21/14. No % disability at this time.
Received a CWP diagnosis for employee on 5/21/2018. Employee last worked on 11/3/2017 and h
Received a CWP diagnosis for employee on 12/19/2012.
Received a CWP diagnosis for employee on 3/6/2014.
Received a CWP diagnosis for employee on 5/21/2018.
OCCUPATIONAL PNEUMOCONIOSIS.
Medical evidence received on 6-17-2016 indicate that this employee was granted a 10% permaner
RETIRED EMPLOYEE AWARDED 10% DISABILITY FOR PNEUMOCONIOSIS.
Employee is receiving a 10% award for Occupational Pneumocooniousis.
Employee filed an ALLEGED" occupational pneumoconiosis claim on 9/21/07. Received notice of c
EE was diagnosed with occupational pneumoconiosis.
Employee was diagnosed with Occupational Pneumoconiosis
EE RECEIVED A 5% PERMANENT DISABILITY AWARD FOR OCCUPATIONAL PNEUMONICOSIS.
Miner was diagnosed with pneumoconiosis and excerised his right to be moved to an atomsphere
Employee filed another occupational pneumoconiosis claim on 10/13/10. Received notice on 6/29
notified of employees diagnosis of occupational pneumoconiosis
This is an Occupational Illness report of Occupational Pneumoconiosis.
AWARD WEST VIRGINIA BUREAU OF EMPLOYMENT PROGRAM WORKER'S COMPENSATION DIVISIC
On May 10th, 2016 we were notified that the employee had been diagnosed with black lung.

Pneumoconiosis claim, last date of employment 10/1/1992.
UPON MEDICAL EXAMINATION EMPLOYEE WAS DIAGNOSED THAT HE HAD SUFFIEIENT DEGREE OF
Coal dust / Black lung.
The miner has participated in a medical examination authorized by the Federal Mine Safety and He
RECEIVED NOTIFICATION THIS DATE FROM MSHA THAT THE BELOW LISTED EE IS CONSIDERED A PA
Received letter stating miner shows evidence of pneumoconiosis.
Pneumoconiosis
Received a CWP diagnosis for employee. He was laid off on 8/26/14.
Received a CWP claim for employee on 4/10/2012
Received a CWP diagnosis for EE on 1/28/2019.
Received a CWP diagnosis on 2/13/14. Employee last worked on 4/30/13 and is no longer employe
Received a CWP diagnosis for ee. No % disability at this time.
Received a CWP diagnosis on 4/16/2020 for employee.
We have been notified that the employee has a sufficient degree of pneumoconiosis (black lung) a
Employee has filed for coal miners pneumoconiosis (black lung). We received notice on 07/07/201
Medical Evidence received on May 27, 2016, indicate that this ee was granted a 10% permanent p
Notification was received on 07/25/2022 this employee has received a 10% award for Occupationa
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
ALLEGED PNEUMOCONIOSIS 15%.
Exposure to dust.
EE was awarded an additional 5% occupational pneumoconiosis. (Please make sure that this was n
Employee has been diagnosed with Occupational Pneumoconiosis
The employee has been diagnosed with Occupational Pneumoconiosis.
EE WAS AWARDED 5% FOR OCCUPATIONAL PNEUMOCONIOSIS BY THE WV WORKERS COMPENSAT
Occupational Pneumoconiosis
Employee was diagnosed with pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
EE filed claim 1/14/2011, no percentage has been granted. Person filing this report was unaware th
Claim for Occupational Pneumococcus, due to exposure to coal dust. Date notified 8/20/2018
Occupational Illness. Operator was notified on July 7, 2016 that employee submitted a workers cor
After medical exam. miner has sufficient degree of Pneumoconioses (black lung) Notification letter
Black-lung. Result of coal dust
Claim for pneumoconiosis.
Pneumoconiosis award date 8/29/2016. Last day worked 10/16/2014.
On July 10, 2013, widow of employee filed a Black Lung with the Office of Workers Compensation,
Received a CWP diagnosis on 2/28/2014. Employee last worked on 7/15/2010 and is no longer em
Exposure to Coal Mine Dust
Received a CWP diagnosis for employee. No % disability at this time.
Employee has filed for mild coal miners pneumoconiosis (black lung). We received notice on 04/28
Received a CWP diagnosis for employee.
Received a CWP diagnosis for Employee on 5/21/2018.
Employee has been diagnosed with Occupational Pneumoconiosis
Employer received a pneumoconiosis claim on 4-22-2013 noting an initial diagnosis of 2-7-2013.
Occupational Pneumoconiosis.
Claim for occupational pneumoconiosis, due to exposure to mine coal dust.
Employee has been diagnosed with Occupational Pneumoconiosis.
Information diagnosing the employee with occupational pneumoconiosis was received on 6/18/20

On November 16, 2016 at 9:40 am we were notified that the employee had been diagnosed with C
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine 10/
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
Claim for Occupational Pneumoconiosis, due to exposure of mine coal dust.
The operator has been notified that the employee has been diagnosed with pneumoconiosis.
THE COMPANY RECIEVED NOTIFICATION OF BLACK LUNG ON THIS DATE
Pneumoconiosis award date 01/11/2015. Last day worked 07/02/12.
Pneumoconiosis award date 10/17/16. Last day worked 09/29/14.
Pneumoconiosis award date 10-15-15. Last day worked 12-06-12.
Coal dust filed a state and federal Black Lung claim
DIAGNOSIS OF COAL WORKERS PNEUMOCONIOSIS ON 9/26/05. LAST DAY WORK 9/30/05. HAS NO
This miner participated in a medical examination authorized by the Federal Mine Safety and Health
The emp. alleges to have contracted CWP while working at this mine. Emp. was diagnosed with the
Received a CWP diagnosis for EE on 1/3/2011.
Part 50 miner (pneumoconiosis). Removed from a 2.0 mg/m3 atmosphere to a 1.0 mg/m3 atmosp
Received a CWP diagnosis for employee on 8/23/21.
The mine received a Self Insured Employer Decision on 7/8/19 from a medical report dated 5/14/1
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine 10-
Employee was diagnosed with Pneumoconiosis by a board certified doctor in internal medicine on
AWARD FROM WEST VIRGINA COMPENSATION DIVISION, OCCUPATIONAL PNEUMOCONIOSIS BOA
Claim for Occupational Pneumoconiosis, due to exposure to mine coal dust.
AWARD FROM WEST VIRGINIAL WORKER'S COMPENSATION DIVISION FOR 5% OCCUPATIONAL PNI
The employer was notified on 9/16/2013 that the employee was diagnosed with pneumoconiosis.
Company was notified on 3-27-20 that employee was diagnosed with occupational pneumoconiosi
On 01-25-16 we were notified this employee has occupational pneumoconiosis but still continues t
Employee has been diagnosed with Occupational Pneumoconiosis.
This report is being filed under protest and solely to abate citation 9002338. According to MSHA, a
Employee medical examination indicates a sufficient degree of pneumoconiosis. He has exercised I
On this date we were notified by MSHA that the employee was diagnosed with pneumoconiosis.
Received a CWP diagnosis for EE No% disability at this time.
Received a CWP diagnosis for employee on 3/18/2014.
Employee alleges coal workers pneumoconiosis. I was notified on 06/30/2015 regarding this claim
Alleged black lung claim.
An employee presented his medical examination as evidence of Pneumoconiosis and requested to
Employee was awarded 15% partial disability for Occupational Pneumoconiosis.
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
The employee has been diagnosed with Occupational Pneumoconiosis.
Occupational Pneumoconiosis Award. Received notification 07/15/2010.
The operator has been notified that the employee has been diagnosed with occupational pneumoc
Occupational Pneumoconiosis
This office was notified on 04/03/2019 that EE was diagnosed with occupational pneumoconiosis c
Medical evidence received 2/19/08 Black Lung claim.
This is being reported now as a result of a Part 50 Audit performed by MSHA at Kingston #2. This is
This report is being filed under protest and solely to abate citation 9002340. According to MSHA, a
Employee was diagnosed with pneumoconiosis.

Notified on Feb 1, 2016 that the employee was diagnosed with Simple Pneumoconiosis.
This is not an accident, this is an Occupational Illness. We were notified on July 11, 2017 by the De
coal dust causing B/L
Employee alleges coal worker's pneumoconiosis. Employer was notified by letter dated 1/10/12 ar
Received a CWP diagnosis for employee. He last worked on 12/13/13.
Received a CWP diagnosis for employee. He was termed on 7/1/2011. No % disability at this time.
Received a CWP diagnosis for employee on 7/17/2014.
Received a CWP claim on 11/11/13 for employee.
The mine received notification on 3/17/17 that this employee has been granted an award of 10% f
The mine received a Self Insured Employer Decision on 08/29/2022 from the Occupational Pneum
Over exposure to coal dust resulting in lung disease.
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
An employee of our operation was diagnosed with pneumoconiosis and has exercised his part 90 r
On October 30, 2020, we received reports that an employee was diagnosed with occupational Pne
This office was notified on 07/09/2019 that the employee was diagnosed with pneumoconiosis on
Employee has been diagnosed with Coal Worker's Pnemoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis. The safety department receive
Employee was diagnoised with pneumoconiosis by a board certified doctor in internal medicine on
On 12-7-2018, this mine was notified that this employee was diagnosed with Pneumoconiosis. Last
Employee has been diagnosed with Occupational pneumoconiosis. Safety department received no
Employee has been diagnosed with Occupational Pnemoconiosis
Employer was notified by the compensation provider on 11/4/14 of a pneumoconiosis diagnosis fo
The EE began U.G. mining in 1975 and first filed for Coal Workers Pneumoconiosis in 1987 and was
Employee was diagnosed with pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with occupational pneumoconiosis. the safety department received
Employee has been diagnosed with Occupational Pneumoconiosis. The safety department was not
A Workers Compensation letter provided to the operator on 6-18-14 list a work loss date for 6-12-
THE MINE OPERATOR WAS NOTIFIED BY MSHA THAT THE EMPLOYEE EXERCISED HIS RIGHTS UNDE
Notification by MSHA of possibility of pneumoconiosis.
Pneumoconiosis award date 09/09/2016. Last day worked 7/23/2014.
EE started short term disability in April 2012. He filed a claim with the U.S. Department of Labor ur
EMPLOYEE WAS DIAGNOSED WITH COAL MINER PNEUMOCONIOSIS.
Received a CWP diagnosis for employee.
Received a CWP diagnosis for employee on 3/5/2014.
Received a CWP diagnosis for employee on 12/27/13.
Occupational pneumoconiosis award.
RECEIVED NOTIFICATION THAT WV WORKERS COMP. DIV. GRANTING AN AWARD FOR OCCUPATIO
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
Diagnosed with Occupational Pneumoconiosis (15%)
Granted award for pneumoconiosis, 10% permanent partial disability.
Employee was awarded 10% pneumoconiosis on July 12, 2021.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with occupational pneumoconiosis. Employee retired July 31,2014 b
EE FILED AN ALLEGED CLAIM FOR OCCUPATIONAL PNEUMOCONIOSIS ON 10/6/2003. RECEIVED NO
Employee excercised his rights as part 90 miner due to occupational pneumoconiosis.

Employee worked from 02/20/1989 thru 07/19/2012. He has been diagnosed with pneumoconios
Employee has been diagnosed with Coal Workers Pneumoconiosis
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
On 7-9-2021 Employee received 10% award for occupational Pneumoconiosis. Employee no longer
OCCUPATIONAL ILLNESS, OCCUPATIONAL PNEUMOCONIOSIS.
Occupational Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee was diagnosed pneumoconiosis.
Claim for occupational pneumoconiosis, due to exposure to mine coal dust.
The mine operator has been notified that the former employee (last exposure date 11/15/13) has
Employee has been diagnosed with Occupational Pneumoconiosis. Employee was terminated due
Black Lung/ Coal Dust
Pneumoconiosis award date 10/19/16. Last day worked 12/23/12.
Pneumoconiosis award date 12/27/16. Last day worked 02/26/15.
Claim for pneumoconiosis. Date of x-ray 2/7/2014.
Exposure to Coal Mine Dust
Received a CWP diagnosis for employee. EE last worked on 6/11/11 and was termed on 1/3/13.
The Human Resource Department received notification from the U.S. Dept. of Labor that the ee ha
The EE contracted Coal Workers Pneumoconiosis while working underground.
Received a CWP claim on 11/11/13 for employee.
The mine received a Self Insured Employer Decision on 01/08/2019 from a medical report dated 0
The mine received a Self Insured Employer Decision on 10/5/20 from the Occupational Pneumocor
WEST VIRGINIA OCCUPATIONAL PNEUMOCONIOSIS 10%
WEST VIRGINIA OCCUPATIONAL PNEUMOCONIOSIS - 5% AWARD - 2/22/05.
West Virginia Occupational Pneumoconiosis 15%.
Employee was awarded 15% partial disability for Occupational Pneumoconiosis.
Employee was awarded 10% partial disability for Occupational Pneumoconiosis.
Employee was awarded 10% permanent partial disability for occupational pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
Employee was diagnosed with Black Lung.
Employee was diagnosed with pneumoconiosis.
Employee was awarded 10% for occupational pneumoconiosis.
Employee filed an ALLEGED" occupational pneumoniosis claim on 10/21/04. Received notification
Employee has been declared eligible for Part 90 status.
We was notified of his diagnosis with coal workers pneumoconiosis on 9/9/2014.
On July 9, 2015 this employee was terminated. On 08-18-2015 this mine was notified that this emp
on 6-27-2019 an employee received and additional 5% for occupational pneumoconiosis. The emp
received employee notification of diagnosis of occupational pneumoconiosis
On 10/8/15 we were informed that the employee had been diagnosed with black lung. His last day
On 09/21/2016 the mine was notified that this employee has been diagnosed with Complicated Pr
EE HAS FILED A WORKERS COMP CLAIM FOR POSSIBLE OCCUPATIONAL PNEUMOCONIOSIS IN THE
Claim filed for pneumoconiosis. Termination date of 8/9/1996. Physician report 9/11/2014.
CLAIM FILED FOR PNEUMOCONIOSIS. X-RAY READ DATE 6/7/14. TERMINATION DATE OF 10/8/201
The employee retired on 01/04/2016. On 3/31/2016 the retiree filed an occupational lung disease
Received a CWP diagnosis for employee on 1/7/2019.
Received a CWP claim on 6/10/2013. Employee last worked on 7/31/2012 and is no longer with th
Received a CWP diagnosis for EE on 9/26/2012.

Received a CWP claim on 9/19/2013 for employee.
Received a CWP diagnosis for employee.
DIAGNOSED OCCUPATIONAL PNUEMOCONIOSIS
He was diagnosed as a occupational illness for respiratory conditions due to Toxic Agents.
Diagnosed with occupational pneumoconiosis (10%) Company notified on 4/13/11
ALLEGED OCCUPATIONAL PNEUMOCONIOSIS.
Claim for Occupational Pneumoconiosis due to alleged coal dust exposure.
On April 16, 2019, we were notified employee was diagnosed with black lung.
Employee was diagnosed with Occupational Pneumoconiosis.
AFTER RECEIVING A CHEST X-RAY, THROUGH THE MINES CHEST X-RAY PROGRAM, THE CLAIMANT
Claim for Occupational Pneumoconiosis, due to exposure to coal dust
Claim for Occupational Pneumoconiosis, due to exposure to coal dust.
EMPLOYEE FILED FOR OCCUPATIONAL PNEUMOCONIOSIS ON 12-30-02 RECEIVED NOTICE 1-17-03.
Employer received a notification on 7/30/14 that the employee had a diagnosis of pneumoconiosis
Claim filed for pneumoconiosis on 9/18/2017. X-ray read 04/04/2018. We received notification on
The employee has been diagnosed with Occupational Pneumoconiosis on 01-14-16 the company w
Employee has been diagnosed with occupational pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department was not
Employee was diagnosed with pneumoconiosis.
Brooks Run Mining Co. was informed that retired employee has been diagnosed with Occupationa
EE has been diagnosed with occupational pneumoconiosis
Pneumoconiosis award date 06/22/15. Last day worked 07/10/08.
Pneumoconiosis award date 06/13/16. Last day worked 05/23/06.
Pneumoconiosis award date 08/10/15. Last day worked 01/16/13.
EE has filed a black lung claim with the Kentucky labor Cabinet, Department of Workers Claims. **
Operator notified that employee has a sufficient degree of pneumoconiosis to be eligible for rights
Received a CWP claim for employee. He was laid off on 8/25/14.
Received a CWP diagnosis on 6/11/2014 for employee.
On May 17, 2013, employee filed a black lung claim with the Virginia Workers Compensation Com
Received a CWP diagnosis for employee on 10/20/2021.
Received a CWP diagnosis for employee on 7/1/2021.
The miner received notification of a chest x-ray reading of over 1/0.
OCCUPATIONAL PNEUMOCONIOSIS.
RECEIVED LETTER FROM WV WORKERS COMPENSATION DIVISION GRANTING AWARD FOR OCCUP
The mine received a Self Insured Employer Decision on 3/6/2023 from the Occupational Pneumoc
Retired employee was awarded 10% disability for Occupational Pneumoconiosis.
Exposure to coal dust resulting in black lung.
Employee has been diagnosed with Occupational Pneumoconiosis.
THIS EMPLOYEE FILED AN OCCUPATIONAL PNEUMOCONIOSIS CLAIM WITH WEST VIRGINIA WORK
COMPANY RECEIVED MEDICAL NOTIFICATION ON 1-24-04 THAT THE CLAIMANT RECEIVED AN INIT
THIS RECEIVED NOTICE ON 2-4-03 GRANTING 5% AWARD FOR OCCUPATIONAL PNEUMOCONIOSIS
on 09-15-15 this mine was notified that this employee was diagnosed with Occupational pneumoc
EE FILED FOR OCCUP. PNEUM ON 7/3/03. ALLEGED. REC'D NOTICE ON 7-18-03.
Former employee was awarded 5% OP
The Workers Compensation administrator for the employer was notified on 9/13/13 that the occu
MEDICAL EXAMINATION INDICATES DEGREE OF PNEUMOCONIOSIS. MINER HAS EXERCISED THE OP
Claim for pneumoconiosis. Termination date of 12/23/1996. X-ray read date of 12/5/2013.

Pneumoconiosis award date 10/20/2014. Last day worked 12/2/2011.
Claim for Coal Workers Pneumoconiosis.
Employee was given a diagnosis of pneumoconiosis by dr. on 1/19/06 and the safety department v
Received a CWP claim for Employee on 3/19/2013.
Received a CWP diagnosis for employee. He last worked on 4/5/2014.
Received a CWP diagnosis for employee on 6/11/2014.
Received a CWP claim for employee on 10/1/2013.
Received a CWP diagnosis for employee on 2/1/2019.
Received a CWP diagnosis for EE on 10/5/2021.
Medical evidence received on 02/08/2016 indicate that this employee has received a 5% award fo
Notification was received on 08/21/2017 that this retired employee has received a 10% award for
The mine received a Self Insured Employer Decision on 07/19/2022 from the Occupational Pneum
Employee was awarded a 10% partial disability for Occupational Pneumoconiosis.
On 11/10/2015 this employee was laid off due to the mine closing. On 8/12/2016 this mine was no
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis. The last day worked was 7/17/
Employee has been diagnosed with a degree of Black Lung. This employee worked from 10-5-1998
Occupational pneumoconiosis per company call 8-24-05.
Was diagnosed with Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department was no
Employee has been diagnosed with Occupational Pneumoconiosis. Employee's employment termi
Employee was awarded 30% permanent disability for occupational pneumoconiosis.
This office was notified that EE was diagnosed with Occupational Pneumoconiosis on 4/17/18. EE i
EE was granted a 10% PPD award for Occupational Pneumoconiosis by WV OP Board.
Miner has been diagnosed with pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
Black Butte Coal Company was informed on 6/2/16 that a former employee had been diagnosed w
Employee filed a black lung claim with the Kentucky Labor Cabinet, Department of Worker's Claims
EE filed a claim with the U.S. Department of Labor, Office of Worker's Compensation, under the Bla
Received a CWP diagnosis for employee on 4/20/2021.
Received a CWP diagnosis on 6/4/14. Employee last worked on 8/23/13. Accident date of 8/23/13
Received a CWP claim for employee. He last worked on 8/22/2014.
Received a CWP claim for EE. He last worked on 2/20/2014.
Received a CWP diagnosis for ee. He last worked on 7/31/15. No % disability at this time.
The miner received notification of a chest x-ray reading of over 1/0.
Employee was diagnosed with Occupational Pneumoconiosis and granted 10%. Company was notif
Employee was awarded 15% Partial disability for Pneumoconiosis.
Retired employee was awarded 10% permanent partial disability for Occupational Pneumoconiosis
Employee filed an ALLEGED" Occupational Pneumoniosis claim No. 2008007063. Received notifica
Employee filed a pneumoconiosis claim based on a diagnosis of 8/15/12.
This employee was laid off due to reduction in work force on 11/11/2015. On 10/24/2016 this min
Occupational pneumoconiosis.
On Friday, 11/15/2013 the mine operator was notified that the former employee was diagnosed w
Employee was diagnosed for occupational pneumoconiosis. This office received this notification or
Claim for Occupational pneumoconiosis, due to exposure to coal dust.
The workers compensation carrier was notified on 5/12/2016 that the employee had been diagnos
Employee has been diagnosed with occupational Pneumoconiosis. The safety department was info

Employee has been diagnosed with Occupational Pneumoconiosis.
Employer was notified 4/25/14 that the employee has a sufficient degree of pneumoconiosis for P
Employee has been diagnosed with Occupational Pneumoconiosis.
The mine operator was notified by MSHA that the employee exercised his rights under 30 CFR Part
On 7/22/2009 employee had a follow up visit with his family doctor and was diagnosed with silicos
Claim filed for pneumoconiosis. Termination date of 11/13/13. X-ray read date 5/16/14.
Claim filed for pneumoconiosis. X-ray read date of 8/25/14. Employee termination date of 9/1/10.
Employee was notified by letter from the Department of Health and Human Services that he may s
On 6/14/2013 we were notified by worker's compensation that he was awarded CWP benefits. Em
Received a CWP claim for Employee on 3/19/2013.
Received a CWP diagnosis for employee.
Received a CWP diagnosis on 4/30/2014. Employee was termed on 3/13/2012 and is no longer wit
Received a CWP diagnosis on 4/22/2019 for Employee.
Received a CWP diagnosis for employee. No % disability at this time.
EMPLOYEE HAS FILED A REPORT OF OCCUPATIONAL PNEUMOCONIOSIS WITH WV WORKER'S COM
On 8/31/2020 we received reports that the employee was diagnosed with occupational pneumocc
The operator was notified 7/8/16 of a claim for occupational pneumoconiosis for the affected emp
Employer was notified by the compensation provider on 2/24/15 that the employee had a diagnos
Employee has been diagnosed with Occupational Pneumoconiosis
EE filed an ALLEDGED Occupational Pneumoconiosis Claim No. 20080132277 on 4/25/08. Receive
EE WAS AWARDED AN ADDITIONAL 5% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
EE filed an ALLEGED occupational pneumoconiosis claim on 9/15/11, Claim No. 2011015018. Rece
Employer received a notification on 1/8/15 from the compensation agent that the employee was c
Mine operator has been notified that the former employee (last exposure date worked was March
The employee has filed for occupational pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
The operator has been notified that the employee has Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis. Employee retired on 6-28-13.
Miner was diagnosed with pneumoconiosis and exercised his right to be moved to an atmosphere
On September 12, 2016 at approx. 2:45 pm we were notified that the employee had been diagnos
This is not an accident, this is an Occupational Illness. We were notified on July 11, 2017 by the De
EMPLOYEE HAS BEEN DIAGNOSED WITH PNEUMOCONIOSIS. EMPLOYEE HAS BEEN OFF SINCE OCT
On this date the company was notified that this miner had developed black lung disease.
Coal Dust Black Lung
Note: on June 27, 2011, EE filed a coal workers pneumoconiosis claim with the Kentucky labor Cab
Pneumoconiosis
Pneumoconiosis
Pneumoconiosis
Claim filed for pneumoconiosis. 1-3-2014 was date of diagnosis.
Received a CWP diagnosis on 7/14/2014. Employee last worked on 12/17/2010 and is no longer er
Received a CWP diagnosis for employee.
Former employee filed a claim for black lung
Received a CWP claim for employee on 10/28/13.
Received a CWP diagnosis for employee on 5/21/2018.
Received a CWP diagnosis for employee. No % disability at this time.
The mine's Safety Department was notified on 6/27/2016 that this retired employee has been grar
EMPLOYEE ALLEGES TO CONTRACT COAL WORKERS PNEUMONIOSIS AS A RESULT OF HIS EMPLOYI

Received notice on 1/11/08 that employee has been granted a 10% award by the Occupational Pn
OP Claim: The Occupational Pneumoconiosis Findings (02/06/07) to justify a diagnosis of OP. The c
Employee has been diagnosed with Occupational Pneumoconiosis. Employee's date of last exposu
Employee received an additional 5% of award. Worked at Pleasant Hill Mine and went out on LOA
EE filed an ALLEDGED occupational pneumonocosis claim on 6/23/10, Claim No. 2010012409. Not
The operator was notified on June 3, 2013 that the employee had developed coal worker's pneum
On Jan. 12 2017 this office was notified that this employee has been diagnosed with Occupational
On 4/28/2010 management was notified by MSHA that EE MIIN M60820349 had exersiced rights u
Employee was diagnosed with pneumoconiosis.
Occupational Illness: Employee was diagnosed with Occupational Pneumoconiosis (black lung). Wo
Employee has been diagnosed with Occupational Pneumoconiosis.
We were notified by MSHA by letter this employee is now a part 90 miner on 03/03/2023 and nee
Employee was sent a letter stating that he had evidence of pneumoconiosis. Employee, MIIN M00
Employee has contracted pneumoconiosis (Black Lung) and is a Part 90 Miner.
Employee has exercised his option rights under Part 90 as evidence of pneumoconiosis.
Received a CWP claim for EE. He last worked on 8/29/2014 and is no longer employed with the co
Received a CWP diagnosis for employee.
Black Lung
Received a CWP claim for employee on 4/3/2013.
Received a CWP diagnosis on 3/10/2014 for EE
The mine received notification on 8/7/17 that this employee has been granted an award of 10 % fo
WEST VIRGINIA OCCUPATIONAL PNEUMOCONIOSIS.
OCCUPATIONAL PNEUMOCONIOSIS 5%.
West Virgina Occupational Pneumoconiosis 10% award-letter date 8/2/05.
ALLEGED BLACK LUNG.
OCCUPATIONAL PNEUMOCONIOSIS HAS BEEN DETERMINED MEDICALLY.
EE RECEIVED AN AWARD FROM WORKERS COMP. IN THE AMOUNT OF 5% RECOMMENDED BY THE
Received notification that employee was diagnosed with simple pneumoconiosis category s/t, 1/0
ALLEGED PNEUMOCONIOSIS.
Claim for Occupational Pneumoconiosis, due to exposure to coal dust.
EE filed an ALLEDGED" Occupational Pneumoconiosis Claim on 7/15/08. Received notice on 9/15/0
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
A miner chose to exercise his Part 90 rights on 3/1/10, therefore the occupational illness is reporta
Alleged exposure to mine coal dust, resulting in Occupational Pneumoconiosis.
Claim filed for pneumoconiosis. X-ray read date of 08/01/2017.
Miner has been diagnosed with pnuemoconiosis.
This is not an accident, this is an Occupational Illness. We were notified on 8/11/18 by the Departı
Black Lung
Employee laid off on March 27, 2020 due to Covid-19 issues and the mine closing. The employee w
On this date, we were notified that this miner had been diagnosed with Coal Miner's Pneumocono
Miner exercised their rights as being a Part 90 miner
Ee was given a diagnosis of pneumoconiosis by dr. on 10/27/05 and the safety department was no
This miner participated in a medical examination authorized by the Federal Mine Safety and Health
Received a CWP diagnosis for employee. He last worked on 4/30/14.
Received a CWP claim for employee. No % disability at this time.
Received a CWP diagnosis for EE on 1/17/2013.
Received a CWP diagnosis for Perry Fraley. No % disability at this time.

Received a CWP diagnosis for ee. He was termed on 8/30/10. No % disability at this time.
Received a CWP diagnosis for employee. EE was termed on 9/28/15.
The mine received notification on 6/19/17 that this employee has been granted an award of 15% f
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
Employee was awarded 15% permanent partial disability for Occupational Pneumoconiosis.
Employee participated in a medical examination that indicates he has a sufficient degree of pneum
Employee has been diagnosed with Occupational Pneumoconiosis.
Retired employee received award of compensation for occupational pneumoconiosis
EE. filed an ALLEGED claim for Occupational Pneumoniosis on 12/29/2005. Received notification o
Received notice on 2/5/2010 that employee has been granted a 10% award by the Occupational P
Employee has been diagnosed with Occupational Pneumoconiosis. Employee retired July 1, 2010.
Employee previously worked for Gateway Eagle Coal Company, LLC and retired on 06/27/2013. On
Received a CWP diagnosis for employee on 5/14/2019.
The Company was notified on 12/17/2020 that this employee was diagnosed with pneumoconiosis
On 09/29/2016 this mine was notified the this employee was diagnosed with Occupational Pneum
Claim filed for pneumoconiosis. X-ray ready date of 09/12/2017.
Employee was diagnosed with pneumoconiosis.
Employee was diagnosed with occupational pneumoconiosis on 12/18/2015. The operator was no
Date above reflects filing date.
Employer was notified by the compensation administrator that the employee had a diagnosis or pr
Employer completed the employer's report of occupational disease on 4/23/13 upon being inform
The employer was notified on 5/7/14 by the workers compensation agent that the employee had a
The employer was notified on 9/8/14 by the workers compensation administrator that the employ
On 05/02/2018 this mine was notified that this employee was diagnosed with occupational pneum
Employee has been diagnosed with Occupational Pneumoconiosis.
BASED ON MEDICAL EXAMINATION AT NATIONAL JEWISH HOSPITAL, EE HAS BEEN DIAGNOSED WI
Pneumoconiosis award date 05/04/2015. Last day worked 02/03/2012.
Employee received a letter from NIOSH stating the x-ray from medical screening showed evidence
Employee is absent from work due to occupational illness (Pneumoconiosis)
This miner participated in a medical examination authorized by the Federal Mine Safety and Health
Received a CWP claim on 5/23/2013. Employee's last day worked was 2/8/2013 and is no longer e
Received a CWP diagnosis for Employee. He was terminated on 8/2/15. No % disability at this time
Received a CWP diagnosis on 4/5/2019 for EE. EE last worked on 8/11/2016 and was termed on 2/
The miner received notification of a chest x-ray reading of over 1/0.
THIS REPORT IS TO DENOTE THAT EE HAS RECEIVED A 5% AWARD FRO OCCUPATIONAL PNEUMOC
On September 19, 2014 mine management was notifiedofan occupational illness. The emplyoee w
Claim for Occupational Pneumoconiosis, due to coal dust exposure.
Occupational Pneumoconiosis
The company was notified that ee qualified for an occupational pneumoconiosis claim.
On 10/18/2016 this mine was notified that this employee has been diagnosed with Occupational P
Employee has been diagnosed with Occupational Pneumoconiosis
Claim for pneumoconiosis. X-ray date of 2/28/2014. Employment termination date of 3/14/1998.
Coal dust
Received a CWP diagnosis for employee on 8/16/2018.
Received a CWP claim for employee.
Received a CWP diagnosis for employee.
Employee has been diagnosed with occupational pneumoconiosis.

Employee has been granted a 10% Occupational Pneumoconiosis partial disability.
Employee has been diagnosed with occupational pneumoconiosis based on a physician's report.
Employee was diagnosed with pneumoconiosis by MD pneumoconiosis B Reader. I received the let
On 11/14/2016 this mine was notified that the employee was diagnosed with occupational pneum
Employee is receiving black lung benefits.
Previous employee has been diagnosed with pneumoconiosis: company notification 7/2/14 Emplo
EE filed an ALLEDGED Occupational Pneumoconiosis Claim on 9/30/10. Received notice on 11/8/1
Employee was awarded 10% ppd benefits for occupational pneumoconiosis.
EE filed an Occupational Pneumoconiosis claim on 1/19/2011. Received notice on 11/8/11 that a 1
Claim filed for pneumoconiosis. Diagnosis date of 12/2/2014. Notification date of 2/5/2015.
We received a letter dated 8/10/15 that informed us that employee had developed Occupational F
The employee was awarded and additional 10% impariment for coal workers Pnumoconiosis on Ja
ON 9/15/2014, EMPLOYEE STATED HE HAD RECEIVED NOTIFICATION FROM MSHA THAT HE WAS E
DR STATEMENT SHOWING THE EE HAS L/D.
Employee laid off on March 27, 2021 due to Covid-19 issues and the mine closing. The employee w
Claim for pneumoconiosis. Termination date of 4/16/2015. X-ray read date of 6/19/2015.
Received a CWP diagnosis for EE from Worker's comp. Date of B-reader was 6/17/15.
Employee filed claim for Black Lung Benefits.
Coal dust
Received a CWP diagnosis for.
Received a CWP diagnosis on 7/14/14 for employee.
Received a CWP diagnosis for employee. He was termed on 6/16/2012. No % disability at this time
Received a CWP claim for EE on 7/16/2013.
Received a CWP diagnosis on 7/17/2014 for employee.
Received a CWP diagnosis for employee on 2/21/2022.
Medical evidence received on 01/26/2016 indicate that this employee has received a 10% award fo
The mine received self-insured employee decision on 11/24/14, from a medical report conducted
The mine received self insured employers decision on 2/7/18 from a medical report dated 12/12/1
The mine received a Self Insured Employer Decision on 11/5/2021 from the Occupational Pneumo
Employee was awarded 10% permanent partial disability for Occupational Pneumoconiosis.
EE began missing work on 10/7/2011 due to progressive massive fibrosis.
The employee had been provided a Part 90 letter in 1983 while with another employer. He was hir
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department was not
Part 90 Miner per MSHA District 12. This miner has participated in a medical exam authorized by th
REPORTED CLAIM ON OCCUPATIONAL PNEUMOCONIOSIS BY WV OF EMPLOYEMENT PROGRAMS (
Employee retired from working on 01/01/2014. On 06/10/2015 this mine was notified that this em
Employer was notified by compensation administrator that the employee had a diagnosis of pneur
EE FILED FOR OCCUP. PNEUMOCONIOSIS. RECEIVED NOTICE: 5-2-03. CLAIM#: 2003045776-OP. AL
ON 3-29-19 a former employee received 15% for occupational pneumoconiosis. It was reported to
Employer was notified on 3-27-23 the employee was diagnosed with occupational pneumoconiosis
This office has been notified of an occupational pneumoconiosis claim filed by this person on 5/31
Claim filed for pneumoconiosis. X-ray read date of 09/12/2017.
Pneumoconiosis award date 05-24-18. Last day worked 12-18-14.
Received a CWP claim on 5/1/2013. Employee was terminated on 3/21/12 and is no longer employ
Possible occupational illness due to exposure to respiratory dust.
Received a CWP diagnosis for employee. EE quit to retire on 5/31/2014.
Received a CWP claim for EE on 11/1/2013.

Received a CWP diagnosis for employee. He last worked on 3/20/14.
Received a CWP diagnosis for employee.
Received a CWP diagnosis for employee on 5/21/2018. Employee was termed on 3/28/2017.
Received a CWP diagnosis for employee on 5/22/2018.
Received notification that WV Workers Compensation Division granted award for occupational illn
The mine received self insured employer decision dated 4/2/2015,awarding an additional 5% perm
WEST VIRGINA OCCUPATIONAL PNEUMOCONIOSIS 10% AWARD. LETTER DATED 3/28/05.
ALLEGED 10% OCCUPATIONAL PNEUMOCONIOSIS.
EE filed an ALLEDGED occupational pneumoconiosis claim on 5/28/08. Received notice on 6/23/08
Employee was diagnosed with Pneumoconiosis by a board certified doctor in internal medicine on
Notified 2/1/07 that claimant was awarded permanent partial disability for occupational pneumoc
Claim for Occupational Pneumoconiosis due to exposure to coal dust.
Occupational Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis. Employee terminated on 6/06/
EMPLOYEE WAS AWARDED 5% BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
Claim for occupational pneumoconiosis, due to exposure to coal dust.
Employer was notified on 10/6/15 by the compensation administer that the employee was diagno
The Employee Receive 10% Awarded for occupational Pneumoconiosis. Employee is currently still
The operator was notified on 11/6/2021 that the employee has been diagnosed with occupational
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
Employee was diagnosed with pneumoconiosis.
Employee has been diagnosed with Occupational pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
Claim for Occupational Pneumoconiosis due to mine coal dust.
On 3-7-14 we were notified that ee was diagnosed with occupational pneumoconiosis.
Please be advised that the operator was notified on 5-7-14 by AIG Workers Comp Claims that the f
On January 9th 2020 we were notified that this employee was diagnosed with black lung.
Employee was awarded occupational illness.
Employee has been diagnosed with Occupational Pneumoconiosis
This is not an accident, this is an Occupational Illness. We were notified on July 11, 2017 by the De
Employee brought in a statement from NIOSH stating that he has pneumoconiosis. This statement
Claim for Pneumoconiosis.
FIBROSIS AND PNEUMOCONIOSIS
Code #22
Pneumoconiosis award date 04/11/17. Last day worked 05/14/15.
Pneumoconiosis award date 11-29-17. Last day worked 03-07-15.
Person has never worked for Tram Energy
Received a CWP diagnosis for employee. No % disability at this time.
Received a CWP diagnosis for employee.
On July 5, 2013, employee filed a black lung claim with the Office of Worker's Compensation, Divis
Notification was received on 07/15/2020 that this employee has received a 10% award for Occupa
Notification was received on 02/24/2017 that this employee has received a 10% award for Occupa
Was diagnosed with 10% Occupational Pneumoconiosis, Loveridge was notified on 2/15/11.
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
EMPLOYEE FILED AN OCCUPATION PNEUMOCONIOSIS CLAIM WITH WV WORKER'S COMPENSATIO
An ex employee was awarded 15% pneumoconiosis on February 17th 2022. Employee retired on 0
Occupational Pneumonicosis

On May 30, 2018 at approximately 2:44 pm the operator was notified that the employee had beer
Former Employee was awarded 10% OP
OP claim. The medical information received by the company on July 22, 2004, shows that the claim
The employer received a notification on 12/10/14 of a pneumoconiosis diagnosis for the employee
Employee worked for Brody, Mining, LLC until 2/22/2014. After ending his employment he was dia
The operator was notified on 7/11/2016 that the former employee (last exposure date worked 9/2
Mine was notified on 7/17/2014 that employee had diagnosis of mild simple pneumoconiosis.
Employer received notification on 1/29/15 from the compensation provider that the employee wa
Employer was notified by compensation administrator on 5/18/15 that the employee had a diagnc
On 08/17/2016 this mine was notified that this employee was diagnosed with occupational pneum
EE has been diagnosed with Occupational Pneumoconiosis
MEDICAL EXAMINATION INDICATES DEGREE OF PNUEMOCONIOSIS MINER HAS EXERCISED THE OP
Pneumoconiosis award date 06/22/16. Last day worked 09/08/06.
EE HAS INFORMED US THAT HE HAS BEEN DIAGNOSED WITH PNEUMOCONIOSIS. CWP.
Received a CWP claim on 9/3/2013. Employee last worked on 7/8/2013 and is no longer employed
The mine's safety department was notified on May 2, 2014 that this retired person has been grant
This person has filed an occupational Pneumoconiosis claim with Brickstreet Mutual Ins. His last pr
He is a 60 year old coal miner who has worked underground for 21 years. 12 of those years were a
Retired employee was granted 10% permanent partial disability for Occupational Pneumoconiosis.
EE filed an ALLEGED claim for Occupational Pneumoniosis on 3/13/06. Received notification on 3/
Injury filed an ALLEDGED claim for Occupational Pneumoniosis on 1/30/09. Received notice on 5/1
EE was diagnosed with pneumoconiosis by Doc on 9/8/2013 by a chest x-ray. I received the letter b
On 11/10/2015 EE was terminated due the mine being shut down. This office was notified on Sept
OCCUPATIONAL PNEUMOCONIOSIS. DATE OF DIAGNOSIS 05-15-03. DATE DIAGNOSIS RECEIVED 09
Employee was diagnosed with Occupational Pneumoconiosis. Employee has not been with this cor
Employee has been diagnosed with occupational Pneumoconiosis.
EE WAS AWARDED 5% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
EMPLOYEE RECEIVED 5% AWARD FOR OCCUPATIONAL LUNG DISEASE FROM THE STATE OF WEST V
Employee's last day of employment was 11/10/2015. This mine was notified on 04/26/2016 that tl
This is an Occupational Pneumoconiosis Ilness
Employee was diagnosed with occupational pneumoconiosis and awarded 10% PPD.
Employee was diagnosed with pnuemoconiosis.
The employer was notified on 5/20/14 that the employee had a diagnosis of pneumoconiosis from
On 07/06/2018 this mine was notified that this employee was diagnosed with Occupational pneum
An ex-employee filed a claim for black lung benefits on 11-7-2005 as per a notice from aig workma
EMPLOYEES EXPOSURE TO RESPIRABLE DUST OVER HIS WORK HISTORY.
Claim filed for pneumoconiosis. Termination date of 4/8/2013. X-ray read date of 5/5/2014.
Claim for Coal Workers Pneumoconiosis.
Claim for pneumoconiosis. X-ray was read 11/24/14. Employee was terminated 11/26/13
EMPLOYEE WAS DIAGNOSED WITH COAL MINER PNEUMOCONIOSIS
Received a CWP diagnosis on 8/8/2014 for Employee last worked on 8/30/2013.
Received a CWP diagnosis for employee. He was termed on 11/1/2013. No % disability at this time
Received a CWP diagnosis for employee. He last worked on 3/28/2012.
Received a CWP diagnosis on 4/22/2020 for employee. EE was termed on 8/28/2018.
Received a CWP diagnosis for employee. He last worked on 2/28/2014 when he retired.
RECEIVED LETTER FROM COMPENSATION DIVIDISON ON 2-4-03 GRANTING AWARD FOR OCCUPAT
Notification was received on 10/21/21 that this retired employee has received a 10% award for Oc

Employee was awarded 15% partial disability award for Occupational Pneumoconiosis.
Employee was awarded 20% permanent partial disability for Occupational Pneumoconiosis.
Employer was notified on 1/26/16 by the compensation administrator that the employee received
On 10/03/2016 this mine was notified that this employee has been diagnosed with Occupational P
On 12/8/2014 mine management was notified of a retired employee who was diagnosed with an o
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
Employee has filed an occupational pneumoconiosis claim with West Virginia Worker's Compensat
We were notifed of this diagnosis on 7-17-2013 and he continues to work
Employee has been diagnosed with Occupational Pneumoconiosis.
OCCUPATIONAL PNEUMOCONIOSIS CLAIM. MEDICAL RECEIVED 11/17/03 INDICATES THE EMPLOY
Employer was notified on 2/12/14 by the workers compensation carrier that the employee was giv
RECEIVED NOTIFICATION FROM ATTORNEY THAT MINER WAS FILING CLAIM FOR BLACK LUNG. DID
Coal dust/ Black Lung
Coal Dust - Black Lung.
Pneumoconiosis award date 07/10/15. Last day worked 04/18/12.
Pneumoconiosis award date 07/06/15. Last day worked 10/05/11.
Exposure to Coal Mine Dust
EMPLOYEE WAS NOTIFIED BY LETTER DATED APRIL 24, 2003 BY THE U.S. DEPARTMENT OF LABOR A
Received a CWP claim on 12/12/13 for employee.
The mine received a self insured employer decision on 11/4/14 indicating the retired miner had a 1
Employee was diagnosed with 10% permanent partial disability due to pneumoconiosis. Loveridge
Employee was awarded 10% Permanent Partial Disability for Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis
On May 25, 2017 we received a letter from MSHA notifying us that employee participated in a me
EMPLOYEE ALLEGES TO CONTRACTING COAL WORKER'S PNEUMOCONIOSIS AS A RESULT OF HIS EI
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
The employee was diagnosed with pneumoconiosis.
Occupational Pneumoconiosis
Employee has been diagnosed with Occupational Pneumoconiosis.
Award for occupationa pnemoconiosis for additional 5% by WV Occupationa Pnemoconiosis Board
Alleged exposure to mine coal dust, resulting in Occupational Pneumoconiosis
This is to file for an occupational illness of pneumoconiosis.
MEDICAL EXAM INDICATES A SUFFICIENT DEGREE OF PNEUMOCONIOSIS.
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
The employee had conducted pulmonary fuction studies date 11-18-03. the occupationa pneumoc
Employer was notified by the compensation administrator that the employee received a diagnosis
Miner was diagnosed with pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
The operator was notified of a claim for Occupational Pneumoconiosis after mining has ceased and
Coal Dust/ Black Lung
Coal dust/ Black Lung
THE EE PROVIDED A LETTER DATED 9/22/03 FROM THE DEPT. OF HEALTH & HUMAN SERVICES NO
Exposure to Coal Mine Dust
The Human Resources Department received notification on 3/17/14 that the ee has been diagnose
Received a CWP diagnosis for employee.
Received a CWP claim on 8/7/2013. Employee last worked on 9/13/2011 and is no longer employe
Received a CWP diagnosis for employee from Worker's Comp. He was termed on 9/25/2015.

Received a CWP claim for employee.
Employee received 10% award for occupational pneumoconiosis decision received 6/12/06
The mine received Self Insured Employer Decision on 1/23/17, from a medical report dated 12/6/2
The mine received a Self Insured Employer Decision on 7/14/20 from Occupational Pneumoconios
EE WAS AWARDED A 15% DISABILITY FOR OCCUPATIONAL PNEUMOCONIOSIS OF JULY 4, 2003. RE
West Virginia Occupational Pneumoconiosis Board Grant 10% award 7-10-08
Employee was awarded 15% Partial Disability for Occupational Pneumoconiosis.
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
Black Lung claim
The operator has been notified that the employee has been diagnosed with occupational pneumo
Employee has been diagnosed with pneumoconiosis.
The company was notified 7-3-2013 that ee qualified for a occupational pneumoconiosis claim
Employee has been diagnosed with Occupational Pneumoconiosis. Was terminated due to work fo
Coal dust
We was notified on 12-2-14 that he had been diagnosed with occupational pneumoconiosis.
This office was notified on 06/03/2019 that employee was diagnosed with occupational pneumoco
On 6/26/2018 employee received 10% PPD for occupational pneumoconiosis. Employee retired or
The mine operator has been notified that the employee has been diagnosed with occupational pn
Employer was informed on 4/7/2014 of employee's pneumoconiosis diagnosis that was made on 1
Notification received that the employee has elected to exercise his Part 90 option to work in a low
MINER WAS NOTIFIED BY MSHA THAT THIS EE HAS BECOME A PART 90 MINER (SUSPECTED EARLY
On September 4,2012, EE filed a notice with the U.S. Department of Labor, Office of Worker's Com
Received a CWP diagnosis for employee on 10/22/2014. He last worked on 12/13/2013.
Received a CWP claim with diagnosis on 4/11/2014. Employee last worked on 12/13/2013 and is n
Received a CWP claim for ee on 6/5/2013.
The mine's Safety Department was notified on 6/27/2016 that this employee has been granted an
Received notification on 12/3/19 that this current employee has been granted an award of 10% fo
The mine received self insured employer decision on 3/15/17 from a medical report dated 1/24/17
OCCUPATIONAL PNEUMOCONIOSIS 5%.
ALLEGED BLACK LUNG.
Employee filed an ALLEGED claim for Occupational Pneumoconiosis on 9/26/08. Received notice o
On December 9,2016 this office was notified that this employee was diagnosed with Occupational
On December 5, 2013 this mine received verification that a retired employee was awarded compe
Operator received notice on 01/13/09 that MIIN M28231706 participated in a medical exam and h
Filing a claim of simple pneumoconiosis, category s/t, 1/0, lower 4 zones
EE FILED A CLAIM FOR OCCUP PNEUM. RECEIVED NOTICE 8-30-04. CLAIM #2005007839. (ALLEDGE
On 05/27/2014 information diagnosing the employee with occupational pneumoconiosis was rece
Employee has been diagnosed with occupational Pneumoconiosis. Employee was terminated due t
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee was diagnosed with occupational pneumoconiosis. The employer received notification o
Employee has been diagnosed with Occupational Pneumoconiosis, And has been terminated due t
The operator received information on 4/3/2018 that the employee had went to the doctor and no
Employer was informed on 1/16/14 that the employee had a diagnosis of pneumoconiosis on 1/8/
On August 9, 2016 this mine was notified that this employee has been diagnosed with Occupationa
Was informed by letter that employee has evidence of pneumoconiosis.
Employee was diagnosed with pneumoconiosis.
Pneumoconiosis

Ee presented a letter to Lone Mountain reporting the results of a chest x ray finding from the Nati
Received a CWP diagnosis for employee. Employee retired on 7/31/2012.
Received a CWP diagnosis for employee.
EE filed a claim with the Virginia Worker's Comp. Comm. dated 3/29/13. There is not an accident a
Received a CWP diagnosis for Employee on 6/16/2011.
Received a CWP diagnosis for employee. Employee was termed on 3/17/2016.
Received a CWP diagnosis. No % disability at this time.
Received a CWP diagnosis for EE on 5/21/2018.
Received a CWP diagnosis for employee. Employee was termed on 11/4/15.
Received a CWP diagnosis for employee.
The employee has been diagnosed with occupational pneumoconiosis.
The ee was diagnosed with 10% permanent partial disability due to pneumoconiosis. Loverridge m
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
Awarded Pneumoconiosis Benefits
Employee filed a claim for pneumoconiosis.
Employee filed an ALLEGED occupational pneumoconiosis claim on 9/21/2004. Received notificati
Employee awarded 5% Occupational Pneumoconiosis.
The operator has been notified that the employee has been diagnosed with occupational pneumoc
Employee has been diagnosed with workers pneumoconiosis.
EE filed an ALLEDGED" occupational pneumoconiosis claim on 11/7/07. Received notice of claim N
Employer was notified on 7/9/15 by the compensation administer that the former employee was c
EE has 10% pulmonary function impairment attributable to occupational pneumoconiosis. This rep
This office was notified on 06/26/2019 that this individual was diagnosed with occupational pneum
Employer was notified on 11-25-19 that employee was diagnosed with occupational pneumoconio
Employer was notified on 9/16/15 by the compensation administrator that the employee was diag
Employee was diagnosed with pneumoconiosis after 50 years of mining employment. Employee is
The Employee Received 20% Award for occupational Pneumoconiosis. Employee last worked for u
Medical evidence received 9/2/2008 states diagnosis of occupational pneumoconiosis. Due to the
The operator was notified on June 5, 2013 that the employee has developed Coal Worker's Pneum
Employee has been diagnosed with Occupational Pneumoconiosis
Pneumoconiosis Awarded 07/13/2015 Last Day Worked 12/19/2012
Employee has filed a claim for Black Lung benefits with the U.S. Department of Labor, Office of Wo
Employee has filed a black lung claim with the Kentucky Labor Cabinet, Department of Workers' Cl
Employee's last work day was 12/04/2019. The employee was diagnosed with (CWP) Coal Worker
Based on a chest X-ray this miner has evidence of development of pneumoconiosis
Exposure to Coal Mine Dust
Received a CWP claim for employee. Employee voluntarily quit and was termed on 4/11/14.
Received a CWP claim on 9/6/13 for employee.
Received a CWP diagnosis for employee. No % disability at this time.
WEST VIRGINIA OCCUPATIONAL PNEUMOCONIOSIS 10% AWARD LETTER DATED OCT.14, 2005
Employee was awarded 15% permanent partial disability for occupational pneumoconiosis.
EE filed an ALLEDGED " Occupational Pneumoniosis claim No. 2008010972 on 4/7/08. Received nc
OP BLACK LUNG AWARD 20%
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
Employee has been diagnosed with Occupational Pneumoconiosis.
Claim for occupational pneumoconiosis, due to exposure to mine coal dust.

EE FILED FOR OCCUP, PNEUM. ON 6-24-03. REC'D NOTICE 7-11-03 CALIM #2003057940-0P LAST D
Employee has been diagnosed: Pneumoconiosis category t/p 2/1
PROLONGED EXPOSURE TO COAL DUST, MEDICAL EXAMINATION INDICATES THAT THIS MINER HAS
On March 27, 2014, this mine was notified that his employee has been diagnosed with occupation
EE filed claim 6/27/11, no percentage has been granted. Person filing this report was unaware this
Employee has been diagnosed with Pneumoconiosis on 1/14/2016. The safety department receive
Employee has been diagnosed with Occupational Pneumoconiosis. Marfork Safety Department rec
Employee has been diagnosed with Occupational Pneumoconiosis. The Safety Department receive
We were notified on 9-25-14 that he was diagnosed with simple pneumoconiosis.
EE has been diagnosed with Occupational Pneumoconiosis
Claim filed for pneumoconiosis. Diagnosis date 12-3-14. Last day worked 12-2-14. Received letter f
Pneumoconiosis award date 05/03/16. Last day worked 07/23/11.
Claim filed for pneumoconiosis. Termination date of 8/7/2012. X-ray date of 6/13/14.
Employee has filed a black lung claim with the Virginia Workers' Compensation Commission. **THI
Received a CWP diagnosis for employee. No % disability at this time.
Mine Management was notified of Occupational Pneumoconiosis benefits awarded to an employe
Employer was notified by compensation administrator on 6/25/15 that the employee was diagnos
Employee filed an ALLEGED Occupational Pneumoconiosis Claim on 6/19/08. Received notice on 7
Former employee filed pneumoconiosis on 6/1/2021 and on 6/6/2023 was evaluated at the Occup
Employee Dx - Coal miners Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee was diagnosed with pneumoconiosis on 3-5-2014. Company was not notified of this eve
On May 26, 2015 this mine was notified that this employee has been diagnosed with pneumoconi
Employee received a diagnosis of pneumoconiosis on 7/1/14
On 4/15/2016 at approx. 2:22 p.m. we were notified that the employee had been diagnosed with I
The operator was notified on 12/1/2015 that the former employee (last exposure date worked 5/2
Employee was diagnosed with pneumoconiosis on 7-21-15.
On Nov 21 we were notified that the employee was diagnosed with occupational pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with Occupational Pneumoconiosis
The mine operator was notified by MSHA that the employee exercised his rights under 30 CFR Part
Per notification from the U.S. DOL, Ofc. of W.C. dated 9/27/12 that the miner has filed a claim for I
Received notification from Department of Labor that employee exercised his right under Title 30 P
Received a CWP claim for employee on 4/29/13.
Received a CWP diagnosis for employee.
Received a CWP diagnosis on 2/6/14. Employee was termed on 1/24/14 and is no longer employed
Received a CWP diagnosis for Terry Wayne Campbell on 1/22/2013.
Received a CWP diagnosis on 1/31/2014. Employee was termed on 4/5/2013 and is no longer with
Received a CWP claim for employee. No % disability at this time.
Received a CWP diagnosis for on 9/24/2012.
RECEIVED LETTER FROM COMPENSATION DIVISION ON 1/2/03, GRANTING AWARD FOR OCCUPATI
RECEIVED LETTER FROM WV COMPENSATION DIVISION GRANTING AN AWARD FOR OCCUPATIONA
Medical evidence received on March 19, 2015 indicate that this retired former employee has recei
WEST VIRGINIA OCCUPATIONAL PNEUMOCINIOSIS AWARD 5%. WORKED AT IRELAND MINE 28 YEA
Injury filed an ALLEDGED" Occupational Pneumoconiosis claim on 7/2/08. Received notice on 4/27
On December 16, 2016 this office was notified this employee was diagnosed with occupational pne
Employee has applied for Occupational Pneumoconiosis.

Employee was diagnosed with pneumoconiosis on 4/16/14. Company was notified of this event or
OCCUPATIONAL PNEUMOCONIOSIS.
EE filed for ALLEGED" occupational pneumoconiosis benefits on 9/28/04, Claim No. 2005013135-C
Employee was diagnosed with black lung. Occupational Illness. Employee is on 1 section.
Claim filed for pneumoconiosis. X-Ray read date 09/21/2017.
OCCUPATIONAL PNEUMOCONIOSIS CLAIM. MEDICAL RECEIVED 5-22-03.
Employee was diagnosed with Occupational Pneumoconiosis.
On this date we were notified of an employee receiving an award of 10% for Occupational Pneumo
This report is being filed under protest and solely to abate citation 9002339. According to MSHA, a
Occupational Illness
Pneumoconiosis award date 06/27/16. Last day worked 11/17/14.
Exposure to Coal Mine Dust
Exposure to Coal Mine Dust
EE HAS FILED OCCUPATIONAL PNEUMOCONIOSIS CLAIM WITH WEST VIRGINIA WORKERS COMPEN
Received a CWP diagnosis for employee on 6/25/2020.
Received a CWP diagnosis for employee. He was termed on 8/29/2014. No % disability at this time
Received a CWP settlement on 12/18/2013 for EE.
Received a CWP diagnosis for employee on 3/18/2014.
Received a CWP diagnosis for employee. Employee was termed on 12/14/15.
Received a CWP diagnosis for employee. He last worked on 1/9/14.
Received a CWP diagnosis on 5/21/2018 for EE. EE last worked on 2/21/2017.
OCCUPATIONAL PNEUMOCONIOSIS.
Medical evidence received on March 13, 2015 indicate that this former employee had received an
Notification was received on 07/15/2021 that this retired employee has received a 10% award for
SHOEMAKER MINE LAST PLACE WORKED. DUP OF 232740028
Employee was diagnosed with Occupational Pneumoconiosis. The employee was diagnosed with 1
Employee was awarded 5% Partial Disability for Pneumoconiosis.
ALLEGED OCCUATIONAL PNEUMOCONIOSIS.
Employee filed an ALLEDGED" occupational pneumoconiosis claim No. 2007036703 on 11/13/200
EMPLOYEE WAS AWARDED A 5% PPD BENEFITS FOR OCCUPATIONAL PNEUMOCONIOSIS.
This office was notified on 07/09/2019 that the employee was diagnosed with occupational pneum
EE (RETIRED) RECEIVED A WORKMANS COMPENSATION AWARD FOR OCCUPATIONAL PNEUMOCO
Miner was diagnosed with pneumoconiosis and exercised his right to be moved to an atmosphere
Employer was notified on 01/14/16 that the employee had a diagnosis of pneumoconiosis on 09/3
We was notified on 8-28-14 that employee was diagnosed with coal workers pneumoconiosis. He h
The employee has filed for occupational pneumoconiosis, we were notified on 12-11-15 but he sti
We were notified by MSHA about the part 90 miner and was unaware that we needed to complete
Employee alleges to contracting coal workers' pneumoconiosis as a result of his employment with
Employee has been diagnosed with Occupational Pneumoconiosis
EE filed claim on 1/25/2011, no percentage has been granted. Person filing this report was unawa
The mine site was notified on 5-27-14 that the employee was diagnosed with Occupational Pneum
On 2/1/08 the operator was informed by MSHA of the employee's black lung condition.
Pneumoconiosis award date 06-06-18. Last day worked 12-19-14.
Claim filed for pneumoconiosis. Termination date of 9/7/12. X-ray read date of 8/27/14.
Received notification from MSHA on 03/15/2015 that miner (MIIN:M09850762)had exercised his r
Received letter on 11/16/06 that this part 90 miner has exercised his option.
This miner participated in a medical examination authorized by the Federal Mine Safety and Health

Received notification of a CWP claim on 6/22/2011.
Received a CWP diagnosis for employee.
Received a CWP claim for employee.
Received a CWP diagnosis on 1/31/2014. Employee last worked on 7/25/2013 and is no longer em
Received a CWP claim for employee on 10/28/2013.
Received a CWP diagnosis for employee on 1/23/2023.
The mine received notification on 11-16-2009 that the employee had been granted an award for O
Notification was received on 2-1-2017 that this employee has been awarded a PPD of 10% for Occ
OCCUPATIONAL ILLNESS: PNEUMOCONIOSIS-
On 10/03/2013 the mine operator received notification that this former employee had received a
Occupation Pneumoconiosis - State Disability Award of 10%
Notified 2/1/07 that claimant was awarded permanent partial disability for occupational pneumoc
EE FILED AN ALLEGED OCCUPATIONAL PNEUMOCONIOSIS CLAIM ON 12/05/03, RECEIVED NOTICE
Exposure to Coal Dust
Employee has been diagnosed with pneumoconiosis.
The operator was notified of a claim for Occupational Pneumoconiosis for an employee at Poplar F
On 7/8/2014 at approx 2:00pm the operator was notified that this employee which was last emplo
Employee was diagnosed with Occupational Pneumoconiosis.
Employee has been diagnosed with complicated pneumoconiosis. Employee is not currently emplo
Employee has been diagnosed with Occupational Pneumoconiosis, Employee has been terminated
Miner was diagnosed with evidence of pneumoconiosis and was placed in a Part 90 Miner status in
On 2/5/2016 at approximately 3:00 p.m. we were notified that employee had been diagnosed with
Employee has a x-ray diagnosis of 1/0 for Occupational Pneumoconiosis.
Employee medical examination indicates a sufficient degree of pneumoconiosis. He has exercised h
On 12/01/10 we were notified by the Department of Labor that EE has pneumoconiosis.
EE HAS INFORMED US THAT HE HAS BEEN DIAGNOSED WITH PNEUMOCONIOSIS. CWP.
Black Lung
Coal dust - black lung
Received a CWP diagnosis on 12/23/2013. Employee last worked on 9/11/2012 and is no longer er
After X-Rays, it was determined that the employee showed signs of pneumoconiosis. No schedule
We received notification at the mine on April 3, 2014 that employee had exercised his Part 90 Min
RECEIVED A LETTER DATED AUGUST 6, 2004 DURING THE WEEK OF AUGUST 13, 2004 INDICATING
This miner participated in a medical examination authorized by the Federal Mine Safety and Health
Received a CWP diagnosis for employee. He last worked on 7/2/2010.
Received a CWP claim for ee. He last worked on 8/13/14.
Received a CWP diagnosis for EE on 12/13/12.
Received a CWP diagnosis for EE. No % disability at this time.
Was diagnosed with 10% occupational pneumoconiosis. Loveridge was notified on 2/4/11.
The mine received self insured employers decision on 3/7/18 from a medical report dated 2/6/18 a
WEST VIRGINIA OCCUPATIONAL PNEUMOCONIOSIS AWARD 10 %.
Employee was awarded 20% permanent partial disability for occupational pneumoconiosis.
ALLEGED OCCUPATIONAL PNEUMOCONIOSIS.
Exposure to coal dust resulting in Black Lung.
Notified on 2/1/07 that claimant was awarded permanent partial disability for occupational pneum
ALLEGED OCCUPATIONAL PNEUMOCONIOSIS.
Employee filed an ALLEGED" occupational pneumoconiosis claim on 9/6/06. Received notice on 10
An employee at the mine elected to exercise his Part 90 option.

On 04/22/2016 this Plant was notified that this employee was diagnosed with pneumoconiosis.
Mr. Hamilton filed an ALLEDGED occupational pneumoniosis claim on 2/27/09, Claim No. 2009005
Employee has been diagnosed with Occupational Pneumoconiosis.
On September 09, 2013, this mine was notified that this employee has been diagnosed with pneur
Employee was diagnosed with occupational pneumoconiosis on 3/30/2015 we was notified on 7-2
On 6-11-19 a former employee received 15% for occupational pneumoconiosis. It was reported to
The employee was diagnosed with occupational pneumoconiosis on 5/11/2016. The mine operato
The operator was notified on 2/9/2023 that the employee has been diagnosed with occupational p
Employer was notified on 11/20/2015 that the employee was diagnosed with pneumoconiosis on
After mining had ceased and mine entrances sealed, the operator received notice of Occupational
Employee has been diagnosed with Occupational Pneumoconiosis.
EE WAS GIVEN A CHEST X-RAY AS PART OF A PRE-EMPLOYMENT PHYSICAL. HE HAD ONLY 6 MONTI
Black Lung, coal dust
Occupational illness - Pneumoconiosis.
Pneumoconiosis award date 06/11/15. Last day worked 02/25/13.
Note: On October 4, 2011, employee filed a notice with the U.S. Department of Labor, Office of W
Received a CWP diagnosis for employee on 3/18/2014.
Received a CWP diagnosis for employee on 3/14/2013.
Received a CWP diagnosis for ee. He last worked on 2/21/12 and was termed on 8/21/12
Received a CWP diagnosis for EE on 1/11/2011.
Occupational Pneumoconiosis
The mine received self-insured employer decision, dated 3/3/15 awarding a 15% permanent partia
Employee awarded 10% partial disability for Occupational Pneumoconiosis.
Retired employee was awarded 10% permanent partial disability for Occupational Pneumoconiosis
The operator was notified on 5/24/2016 that the former employee (Last exposure date worked 10
Employee was diagnosed with pneumoconiosis by a board certified doctor in internal medicine on
The employee was diagnosed with pneumoconiosis.
Employee received a pneumoconiosis diagnosis on 9/4/13. His employment was terminated at the
BASED ON EE WORK HISTORY IT APPEARS HE IS ENTITLED TO THE PRESUMPTION THAT ANY CHRON
EE FILED AN ALLEGED CLAIM FOR OCCUPATIONAL PNEUMOCONIOSIS ON 8/28/03, RECEIVED NOTI
Notified on 2/1/07 that claimant was awarded permanent partial disability for occupational pneum
Occupational Pneumoconiosis-Board findings-AWARD ORDER received on 4.18.2014 from AIG.EE h
On March 28, 2014 we were notified that EE had been diagnosed with occupational pneumoconios
Miner has been diagnosed with pneumoconiosis.
Employee was employed by Brody Mining, LLC until 10/28/2012. On 7/10/2014 the operator was n
Employee has been diagnosed with occupational Pneumoconiosis.
The operator was notified on June 3, 2013 that the employee has developed coal worker's pneumo
Received a CWP claim for employee on 6/28/2013.
Received a CWP diagnosis on 12/27/13. Employee was terminated on 12/13/13 and is no longer en
Employee was removed from the mine atmosphere by a medical physician immediately due to cor
Received a CWP diagnosis on 6/2/2014. Employee was termed on 10/5/2010 and is no longer emp
Received a CWP claim for employee on 10/1/2013.
Received a CWP diagnosis for employee on 2/14/14.
Received a CWP diagnosis for employee on 8/8/2014.
The mine was notified on 4/11/2016 that this retired employee has been granted an award for Occ
The mine received Self Insured Employer Decision on 3/26/19 from a medical report dated 1/29/1
Pneumoconiosis Diagnosis

Employee was diagnosed with Occupational Pneumoconiosis.
OCCUPATIONAL PNEUMOCONIOSIS. EE RECEIVED A 15% PERMANENT DISABILITY FOR OCCUPATIO
On April 7, 2014, this mine was notified that this employee was diagnosed with pneumoconiosis.
Employee was diagnosed with Occupational Pneumoconiosis - During a Part 50 Audit it was detern
Employee filed another ALLEGED OP Claim on 12/29/08. Received notice on 1/9/09 of Claim No 2
Employee retired from work on 05/01/2009. On 04/19/2016 this mine was notified that this emplo
Claim filed for pneumoconiosis. X-ray read date of 05/11/2017.
We were notified by MSHA about the part 90 miner and were unaware that we needed to complet
EE filed a claim on black lung. Report came in the mail.
Employer received notification 8/26/13 that the employee was diagnosed with occupational pneu
Employee has been diagnosed with Pneumoconiosis on 11/30/2015. The safety department did no
The operator has been notified that the employee has met the requirements for filing an occupati
Employee was diagnosed with occupational pneumoconiosis. The employer received notification o
The operator has been notified that the employee has been diagnosed with pneumoconiosis.
The operator was notified on 11/11/2015 that the former employee (last exposure date worked 4-
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