

**Description for Datacard 13: Mining and Quarrying**  
**Total Names for This Data Card: 31525**

**Publishers Introduction**

Establishments who are actively involved in the development of mines or exploration of metallic minerals and ores. It involves both senior management and laboratory staff working in research analysis and verifying the ores and metals recoverable for use or as constituents of alloy, chemicals, pigments or other products. This work area includes all ore dressing and operations whether performed at mills operating in conjunction with the mines served or at mills such as custom mills, as listed in Work Area 10 SIC classifications.

**Coal and lignite Mining** – Individuals and establishments engaged in producing bituminous coal, anthracite and lignite, including mining operations and preparational plants also known as cleaning plants and washeries, whether or not such plants are operated in conjunction with mine sites. The base is primarily made up of senior management and geological research consultants and are listed in Work Area 12 sic classifications.

**Oil and Gas Extraction** – the international base of individuals and establishments producing crude petroleum and natural gas, extracting oil from oil sand and oil shale, producing natural gasoline, gas and hydrocarbon liquid from coal at the mine site. Types of activities include exploration, drilling, oil and gas well operation and maintenance, the operations of natural gasoline and cycle plants and the gasification, liquefaction and pyrolysis of coal at the mine site. This work area also includes such basic activities as emulsion breaking and desilting of crude petroleum in the preparation of oil and gas customarily done at the field site, pipeland transportation of petroleum, gasoline and other petroleum products as listed in Work Area 13 Sic classification.

**Work Types** – science and senior management and includes geologists, research analysts, microbiologists and biochemists who actively in the exploration and development of mineral ores, crude oil and gas.

**Selections Available** – work area, sic classification, work place, work type, establishment size, gender, income, geographical by country or postcode, telephone, fax, email.

**Source of Data** – strategic research for journal publications, questionnaire, campaign response and environmental registered licences.

**Updating** – continuously against source registers, campaign response and goneaways, new names checked and suppressed against the Frankform ANDS system. Users are fully covered by our Guarantee and EC Data Protection Licence.



<b>SIC</b>		<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
10110	Iron Ores	594	604	518	71
10210	Copper Ores	822	769	617	76
10310	Lead & Zinc Ores	353	348	324	55
10410	Gold Ores	2232	2070	1753	386
10440	Silver Ores	353	345	302	101
10510	Bauxite & Aluminium Ores	348	339	309	9
10610	Ferroalloy Ores, excl Vanadium	127	121	98	39
10810	Metal Mining Services	882	870	748	147
10910	Miscellaneous Metal Ores	79	79	79	64
10940	Uranium-Radium-Vanadium Ores	151	151	131	1
10950	Engineering Science	29	31	5	0
10990	Metal Ores, nec	698	671	449	78
10999	Analytical Mining Process	758	766	710	336
11110	Anthracite	134	134	115	2
11120	Anthracite Mining Services	24	24	22	10
11999	Analytical Anthracite Process	6	6	4	0
12110	Bituminous Coal & Lignite	513	500	356	7
12130	Bituminous Mining	75	75	57	12
12210	Bituminous Coal & Lignite Surface Mining	398	391	375	3
12220	Bituminous Coal Underground Mining	249	250	235	0
12310	Anthracite Mining	31	32	25	0
12410	Coal Mining	481	466	368	25
12999	Analytical Coal & Crude Process	19	20	14	2
13110	Crude Petroleum & Natural Gas	2891	2776	1867	348
13201	Oil & Gas Fields	203	196	126	12
13210	Natural Gas Liquids	726	622	496	20
13801	Oil & Gas Field Services	411	401	338	319
13810	Drilling Oil & Gas Wells	763	668	530	104
13820	Oil & Gas Exploration Services	4006	3864	3192	851
13890	Oil & Gas Field Services, nec	5477	5355	3980	1521
13950	Mining Process Sciences	1460	506	288	160
13999	Analytical Oil & Gas Process	49	49	24	2
14110	Dimension Stone	455	461	340	12
14220	Crushed & Broken Stone	441	443	387	10
14230	Crushed & Broken Granite	74	63	52	7
14280	Crushed Breaking Services	2	2	2	0
14290	Crushed & Broken Stone, nec	605	609	434	23
14400	SAND & GRAVEL	1	1	1	1
14420	Construction Sand & Gravel	1072	1072	897	39
14460	Industrial Sand	198	198	195	2
14530	Fire Clay	14	14	12	0
14540	Fullen Earth	2	2	2	0
14550	Kaolin & Ball Clay	63	67	61	8
14590	Clay & Related Minerals, nec	111	123	113	45
14700	CHEMICAL & FERTILISER MINERALS	0	0	0	2
14720	Barite	1	1	1	0
14730	Fluospar	1	1	0	0
14740	Potash, Soda & Borate Minerals	122	122	122	17
14750	Phospate Rock	66	63	57	1
14760	Rock Salt	82	82	78	2
14790	Chemical & Fertiliser Mining, nec	550	514	339	6
14810	Non-metallic Minerals Services	198	197	155	47
14920	Gypsum	16	15	7	8
14950	Chemical Engineering Science	196	198	4	2
14960	Talc, Soapstone & Pyrophillie	1	1	1	0

14990	Diamonds & Non-Metallic	1523	1505	1244	207
14999	Analytical Metallic Minerals	389	439	422	5
		31525	29692	23381	5205

<b>WorkType</b>	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Administration Staff	296	285	249	45
Analyst	11	11	10	8
Author/Editor/Publisher	2	2	1	0
Commercial/Bus Develop Manager/Director	365	367	340	93
Communications Director/Manager	37	37	33	10
Company Secretary	655	635	479	69
Computer Manager/Director	18	19	15	2
Consultant	76	73	68	59
Customer Relations Mgr	8	8	7	7
DP Manager/Director	24	18	14	2
Designer	66	24	17	11
Developers	25	5	5	1
Educator, Lecturer, Reader	133	23	8	4
Engineer	619	529	295	75
Environmentalist	2	2	1	2
Facilities Manager/Director	7	7	7	2
Finance Dir/Controller	1534	1509	1232	220
Fleet Manager/Director	20	20	18	1
Fund Manager	4	4	3	0
Health & Safety Officer	30	30	29	9
IS Manager/Director	21	21	17	5
IT Manager/Director	145	129	114	23
Import/Export Dir/Mgr	84	83	79	16
Legal Executives	128	125	109	17
Logistics/Transport Mgr/Dir	4	4	4	3
Marketing/Sales Dir/Mgr	857	845	789	136
Operations Director/Manager	404	396	362	72
Personnel Manager	638	622	581	68
President, Chairman, Dir, Mgr	22656	21912	16827	3939
Product/Brand Manager	5	5	5	5
Production/Works Dir/Mgr	629	626	582	77
Professor	143	268	221	2
Programmer	12	8	8	6
Projects Manager/Director	69	68	64	27
Purchasing Dir/Mgr	254	256	244	17
Quality Controller	154	82	66	15
R & D Dir/Mgr	193	54	20	2
Researcher	520	101	37	18
Scientist	106	92	77	37
Security Dir/Mgr	1	1	1	0
Senior Executives & Professionals	133	103	82	11
Services Manager	52	48	41	10
Software Engineer	7	7	5	5
Systems Manager/Engineer	11	9	7	3
Technician, Technical Manager/Director	346	199	189	60
Training Manager	16	16	16	8
Unknown Job Title	2	1	1	0
Web Master	3	3	2	3
	31525	29692	23381	5205

**Country****Africa**

	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Algeria	31	30	21	9
Angola	1	0	0	0
Botswana	27	27	26	1
Egypt	148	144	104	16
Ethiopia	3	3	3	0
Gabon	2	13	1	0
Ghana	25	24	24	0
Kenya	14	13	6	0
Lesotho	4	4	4	0
Libya	2	0	0	0
Mauritania	14	14	14	0
Morocco	20	22	19	0
Mozambique	2	2	2	0
Namibia	33	28	28	0
Nigeria	25	25	8	0
Rwanda	2	2	2	0
Senegal	1	1	1	0
Seychelles	1	0	0	0
South Africa	1471	1317	1091	129
Sudan	18	17	1	0
Swaziland	3	2	2	0
Tanzania	4	3	3	1
Tunisia	46	46	24	0
Uganda	2	1	0	0
Zaire	9	0	0	0
Zambia	85	84	56	0
Zimbabwe	134	131	103	0
	2127	1953	1543	156

**Australasia**

	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Australia	2055	2053	1852	424
Fiji	1	1	1	1
New Zealand	52	52	45	0
Papua New Guinea	43	43	43	0
	2151	2149	1941	425

**Eastern Europe**

	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Croatia	21	21	21	0
Czech Republic	115	148	148	32
Estonia	4	4	4	0
Hungary	102	83	78	0
Kazakhstan	4	4	4	0
Poland	220	195	85	0
Romania	1	0	0	0
Russia	150	136	129	69
Slovak Republic	1	0	0	0
Turkey	9	7	6	0
Yugoslavia	1	0	0	0
	628	598	475	101

<b>Far East</b>				
	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Bangladesh	11	11	0	0
Brunei	7	7	7	0
China	332	294	128	16
Hong Kong	21	21	16	0
India	41	16	13	10
Indonesia	126	103	87	32
Japan	322	282	246	0
Korea	44	43	38	0
Malaysia	261	241	185	40
Philippines	163	149	136	0
Singapore	10	8	8	0
Sri Lanka	26	27	25	0
Taiwan	80	80	72	1
Thailand	2	2	2	1
Vietnam	13	15	10	5
	1459	1299	973	105

<b>Middle East</b>				
	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Bahrain	60	60	60	7
Iran	8	8	8	0
Iraq	7	0	0	0
Israel	118	98	96	6
Jordan	124	124	119	18
Kuwait	140	137	92	39
Lebanon	1	1	1	0
Oman	135	135	134	147
Pakistan	60	59	41	0
Qatar	43	42	42	10
Saudi Arabia	303	290	290	63
Syria	43	45	43	0
United Arab Emirates	387	385	380	477
Yemen	15	15	14	3
	1444	1399	1320	770

<b>North America</b>				
	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Bahamas	18	18	18	0
Barbados	7	7	7	0
Bermuda	6	6	0	0
Canada	10576	10614	8266	1278
Dominican Republic	2	1	0	0
Haiti	2	2	2	0
Jamaica	8	8	8	0
Puerto Rico	4	4	1	0
Trinidad & Tobago	0	0	0	5
USA	4916	4945	3343	282
	15539	15605	11645	1565

<b>South America</b>				
	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Argentina	86	84	28	30
Belize	1	1	1	0
Bolivia	68	65	37	2
Brazil	444	364	203	89
Chile	224	211	133	26
Colombia	220	216	200	49
Ecuador	30	28	23	0
El Salvador	7	9	6	0
Guatemala	200	197	3	2
Guyana	20	20	0	0
Honduras	7	7	5	2
Mexico	349	343	247	151
Nicaragua	8	7	3	2
Panama	9	9	6	3
Paraguay	0	0	0	1
Peru	41	41	41	84
Uruguay	40	40	40	33
Venezuela	159	158	151	72
	1913	1800	1127	546

<b>Western Europe</b>				
	<b>Postal</b>	<b>Tel</b>	<b>Fax</b>	<b>Email</b>
Austria	82	78	73	0
Belgium	177	140	131	14
Cyprus	3	3	3	2
Denmark	46	41	36	0
Finland	41	38	37	5
France	261	199	158	1
Germany	760	663	551	9
Greece	28	24	21	0
Ireland	132	71	64	17
Italy	124	100	58	1
Luxembourg	21	15	10	8
Norway	311	264	251	138
Portugal	27	25	25	0
Spain	249	230	217	32
Sweden	77	75	70	0
Switzerland	67	47	38	3
The Netherlands	117	90	78	3
UK	3741	2786	2536	1304
	6264	4889	4357	1537