GEOLOGICAL LEGEND

STRATIFIED ROCKS

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

Qs	*Alluvial, marine and glacial deposits*

TERTIARY AND QUATERNARY
PLIOCENE TO RECENT

TQG	**GARIBALDI GROUP:** *Basalt to rhyodacite flows and pyroclastics, minor intercalated sediments*

TERTIARY
EOCENE

EH	**HUNTINGDON FORMATION:** *Sandstone, shale*

MESOZOIC AND CENOZOIC

UPPER CRETACEOUS AND TERTIARY
CAMPANIAN TO EOCENE

KTKB	**BURRARD AND KITSILANO FORMATIONS:** *Sandstone, shale and conglomerate; basalt flows, sills and dykes; minor tuff and coal*

MESOZOIC

CRETACEOUS
UPPER CRETACEOUS

uKN	**NANAIMO GROUP:** *Conglomerate, shale, sandstone*

LOWER CRETACEOUS

lKH	**HELM FORMATION:** *Argillite, quartzite, sandstone, conglomerate, limestone and arkose*
lKFL	**FIRE LAKE GROUP (INCLUDES BROKENBACK HILL AND PENINSULA FORMATIONS):** *Greenstone, slate, schist, greywacke, andesite*
lKG	**GAMBIER GROUP:** *Andesite to rhyodacite flows and pyroclastics, greenstone, argillite; minor conglomerate, limestone and schist*

JURASSIC

JHL	**HARRISON LAKE FORMATION:** *Felsic flows, porphyritic meta-andesite and meta-dacite; minor breccia*
JC	**CULTUS FORMATION:** *Pelite, sandstone, conglomerate*
JBI	**BOWEN ISLAND GROUP:** *Greenstone; minor chert and greywacke*

TRIASSIC
UPPER TRIASSIC

uTrK	**KARMUTSEN FORMATION:** *Basalt flows, pillow lava, pillow breccia, greenstone; minor limestone and shale*

PALEOZOIC

PTI	**TWIN ISLAND GROUP:** *Granulite, amphibolite, gneiss, schist*

INTRUSIVE ROCKS

CENOZOIC - MESOZOIC

COAST PLUTONIC COMPLEX

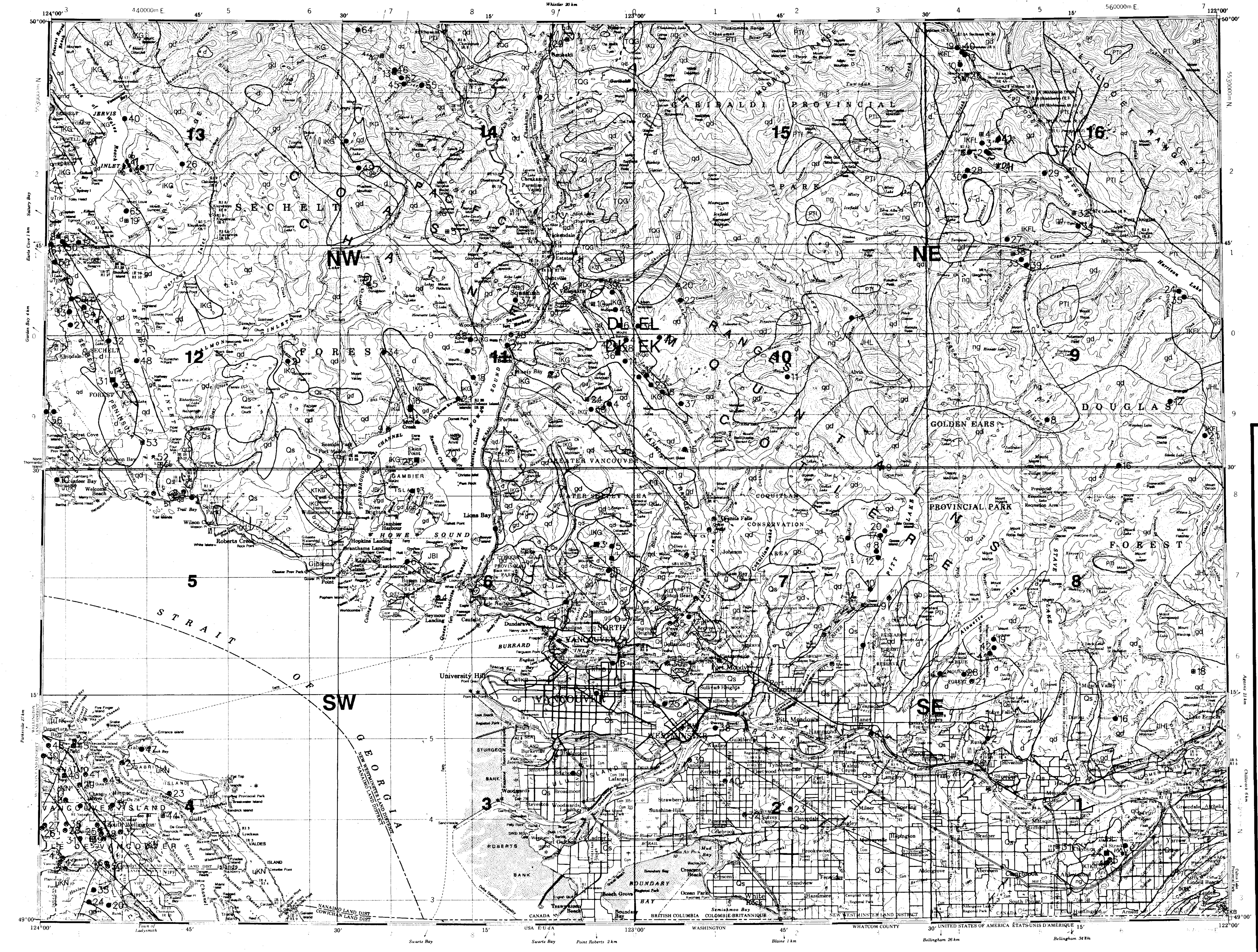
g	*Granite*
gd	*Granodiorite; leucocratic varieties of granodiorite, tonalite and quartz diorite*
qd	*Quartz diorite; leucocratic quartz diorite, minor granodiorite and tonalite*
t	*Tonalite; minor quartz diorite*
qmd	*Quartz monzodiorite; minor quartz diorite*
d	*Diorite; minor gabbro and quartz diorite*
gb	*Gabbro; minor diorite*
ng	*Migmatite*

Geological legend and base derived from:

Roddick, J.A. and Woodsworth, G.J. (1979): *Geology of Vancouver West Half and Mainland Part of Alberni;* Geological Survey of Canada, Open File 611, 1:125,000

Roddick, J.A. and Armstrong, J.E. (1964): *Pitt Lake (Vancouver, East Half);* Geological Survey of Canada, Map 1151A (To accompany Geological Survey of Canada Memoir 335), 1:253,440

Lynch, J.V.G. (1990): *Geology of the Glacier Lake Map (92G/16);* Geological Survey of Canada, Open File 2203, 1:50,000



Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

MINFILE MAP 092G
VANCOUVER
MINERAL OCCURRENCE MAP

Scale 1:250 000

Kilometres

This project is a contribution to the Canada/British Columbia Mineral Development Agreement 1985–1990.

Province of British Columbia — Ministry of Energy, Mines and Petroleum Resources

Energy, Mines and Resources Canada — Énergie, Mines et Ressources Canada

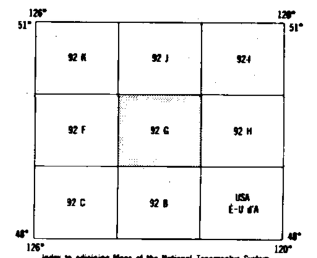
DATE REVISED: June 1990
DATE UPDATED : MAY 1995

TOTAL NUMBER OF OCCURRENCES: 197
: 203

LEGEND

STATUS

- Producer
- Past Producer
- Developed Prospect
- Prospect
- Showing



Index to adjoining Maps of the National Topographic System
Tableau d'assemblage du Système national de référence cartographique

MAP LEGEND 092G

NW

MINFILE NUMBER	NAME	COMMODITIES
001	MCNAUGHTON POINT	LS
002	THORNHILL CREEK	LS
003	BRITANNIA	CU ZN PB AG AU CD
004	BANK OF VANCOUVER (L.3096)	CU MO ZN
005	HOWE COPPER	CU AG MO
006	MCVICAR	CU ZN PB AG
007	HIGH HOPES	CU MO
008	CHALICE	AU AG CU
009	MCNAB CREEK SLATE	ST
010	MULLIGAN	CU ZN AG
011	CAMBRIAN CHIEFTAIN	CU AG ZN AU
012	WALLY	CU AG AU MO
013	ASHLU	AU AG CU ZN WO
014	BELLE	CU AG ZN PB
015	PRINCESS ROYAL AND HAZEL	ZN
016	CROFTON	CU ZN PB AG
017	COPPER	MA FE CU AG ZN PB
018	HORSESHOE	CU
019	RED JACKET	CU MO AG
020	ANVIL ISLAND	CY
021	GROUP A	MO CU
022	VENUS	CU MO
023	CHEAKAMUS BRIDGE	CU AG
024	WATERSHED	CU ZN
025	GAMBIER ISLAND	CU MO
026	PERKETTS CREEK	MO
027	JON	CU MO
028	A.B.C.	CU ZN
029	VENETIAN	AU AG CU
030	SUN	CU
031	SECHELT CARBONATE	DO LS
032	WAR	CU MO
033	DAY	CU MO ZN
034	ADRIANA	CU MO
035	MC	CU AG
036	MAGGIE	AU AG CU ZN PB
037	MOLY	MO CU
038	WATTS POINT	AT
039	RAFFUSE CREEK	CU ZN AG
040	FANG	CU
041	CHRISTINA	CU AG ZN PB AU
042	WAR EAGLE	CU ZN PB AG
043	SLIDE CREEK	CU ZN PB AG
044	PHANTOM	CU AU RS
045	TUFF	AU
046	ASH	CU
047	ICE	AU AG CU
048	SN	CU MO
049	LLAMA	CU AU AG
050	NL	AU AG CU
051	RED TUSK	CU ZN PB AG AU
052	SNAKE BAY	WL GN LS
053	WORMY LAKE	WL GN
054	CAMBRIAN CHIEFTAN DOLOMITE	DO LS
055	TROY	AU
056	TRINITY	CU MO
057	CLARE	CU
058	FOULGER CREEK	MO
059	EDDY	CU
060	BACON	CU MO
061	STEIN	AU AG
062	HAWK 8	AU
063	JR	AU AG PB CU ZN
064	ELEPHANT	AU CU
065	MOUNT LOUIE	MO CU
066	SECHELT GRANITE	DS GR
067	ISLAND WHITE QUARRY	DS GR
068	STAWAMUS CHIEF	GR DS
069	JI	CU
095	ADIT CREEK	CU AG AU ZN PB
096	ROAD	CU AG ZN
097	TREAT	CU AG ZN PB AU
098	LONE JACK CREEK	CU AG AU ZN

NE

MINFILE NUMBER	NAME	COMMODITIES
001	ROY	CU AG
002	MONEY SPINNER	AU CU
003	BARKOOLA	AU CU
004	BLUE LEAD	AU AG
005	KING NUMBER 1	AU
006	RICHFIELD	AU
007	BULLIONDALE	CU
008	STAVE RIVER	MO CU AG
009	KATANGA	AU CU AG
010	MAYFLOWER	AU
011	BOISE CREEK	CU MO
012	KF	CU MO
013	MONTE CRISTO	AU PT
014	MAX	CU AU AG MO
015	RWS	CU AG
016	FRIENDSHIP	MO CU
017	LONDON	MO ZN CU
018	CALEDONIA	CU
019	CHILCO	AU PT PD AG
020	LORI	CU MO
021	SHREW	CU ZN
022	MAMQUAM RIVER	CU MO
023	PRINCESS	CU
024	BREM	AG ZN PB CU
025	ALPEN	ZN PB AG CU
026	EASY-JOE	AU PB ZN
027	SLO	AU AG PB ZN CU
028	LILABET	CU AG
029	FIRE MOUNTAIN GYPSUM	GY
030	FIRE LAKE MOLYBDENUM	MO
031	EASY NUMBER 1	AG ZN PB CU
032	FIRE CREEK	AU AG CU ZN
033	HOT SPRINGS	AU AG CU
034	FRONTIER - GEM	AG ZN PB
035	TOIL	AU
036	RAFFUSE CREEK	CU ZN PB
037	FRED	CU AG ZN PB
038	QUET	AG AU PB ZN CU
039	SLOQUET CREEK HOTSPRINGS	HS
040	SKOOKUMCHUCK HOTSPRINGS	HS
041	Fm 3	AU AG ZN PB CU
042	Fm 1	AU AG CU

SW

MINFILE NUMBER	NAME	COMMODITIES
001	COPPER DUKE (L.2467)	CU FE MA AG AU
002	SECHELT QUARRY	DS
003	LYNN CREEK	ZN AG PB
004	BOWENA	AU CU AG
005	EAST LYNN CREEK	CU
006	BOWEN ISLAND	CU
007	NEWMAN CREEK	CU
008	SWANSON GRANITE	DS
009	LULU ISLAND CLAY	CY
010	THORMANBY ISLANDS CLAY	CY
011	MILLSTONE RIVER CLAY	CY
012	BLUE FLAME	CL
013	GAMBIER ISLAND CLAY	CY
014	CAPILANO VALLEY CLAY	CY
015	LYNN VALLEY CLAY	CY
016	TROUT LAKE DIATOMITE	DE
017	SOUTH SECHELT SHORES	CY
018	BURRARD INLET SHALE	SH
019	EAST WELLINGTON SHALE	SH
020	THISTLE	CU MO
021	GABRIOLA ISLAND QUARRY	SV DS
022	NEWCASTLE ISLAND QUARRY	SV DS
023	GABRIOLA ISLAND SHALE	SH CY
024	BUSH CREEK	CU
025	ALEXANDRIA	CL
026	BEBAN'S	CL
027	OLD NO. 1 SLOPE	CL
028	EXTENSION COLLIERY	CL
029	DOUGLAS SEAM MINES	CL
030	EAST WELLINGTON	CL
031	EXTENSION NO. 4	CL
032	MORDEN	CL
033	HAREWOOD COLLIERY	CL
034	FIDDICK COLLIERY	CL
035	HASLAM CREEK	CL
036	EXTENSION PROSPECT	CL
037	RESERVE	CL
038	SOUTH WELLINGTON NO. 5	CL
039	SOUTH WELLINGTON NO. 10	CL
040	WAKESIAH	CL
041	NO. 1 MINE	CL
042	EXTENSION NO. 8	CL
043	WHITE RAPIDS	CL
044	ROUND ISLAND COAL	CL
045	BRECHIN	CL
046	GRANBY	CL
047	GABRIOLA ISLAND DIATOMITE	DE
048	WELLINGTON	CL
049	JACK POINT QUARRY	SV DS
050	BRIGHT	CL
051	TRAIL BAY QUARRY	GR DS
052	NANAIMO COAL	CL

SE

MINFILE NUMBER	NAME	COMMODITIES
001	GILLEY QUARRY	DS AT
002	RUSKIN	AU
003	INDIAN ARM GRANITE QUARRY	DS AT
004	CLAYBURN FIRECLAY	SH CY
005	RICHMIX FIRECLAY	SH CY
006	PORT HANEY CLAY	CY
007	PITT RIVER QUARRY	DS AT
008	STANDARD	AU AG CU
009	VIKING	CU AG AU ZN
010	JUBILEE	CU
011	CLOVER	CU MO
012	ST. PAUL	CU AU
013	RACOON ISLAND	AU
014	P	CU AG
015	ST. JOHN	CU
016	HOW	CU
017	MILLIE	CU NI
018	LOGAN	CU ZN BI
019	SPANAR	AU AG
020	SAM	CU
021	WALDEN	AU
022	EAST NEW WESTMINSTER CLAY	CY
023	SURREY BRICK	CY
024	SUMAS MTN FIRECLAY	SH
025	BURNABY LAKE DIATOMITE	DE
026	RUSKIN CLAY	CY
027	PORT MOODY	CY
028	BLUE MOUNTAIN SHALE	SH
029	SILVERDALE CLAY	CY
030	BARNET BRICK	SH CY
031	CLAYBURN CLAY	CY
032	SULLIVAN BRICK	CY
033	BRIGHTEN QUARRY	DS AT
034	CROKER ISLAND QUARRY	DS AT
035	DEEP COVE QUARRY	DS
036	GRANITE FALLS QUARRY	DS AT
037	SUMAS MTN FELDSPAR	FD
038	FRASER RIVER CLAY	CY
039	FRASER RIVER BRICK	CY
040	BEAR CREEK BRICK	CY
041	ORO	AU AG CU
042	SKY	CU AG AU
100	EEL	AT CU

COMMODITY LEGEND

COMMODITY (INDEX)	CODE	CODE (INDEX)	COMMODITY
Aggregate	AT	AG	Silver
Bismuth	BI	AT	Aggregate
Cadmium	CD	AU	Gold
Clay	CY	BI	Bismuth
Coal	CL	CD	Cadmium
Copper	CU	CL	Coal
Diatomite	DE	CU	Copper
Dimension Stone	DS	CY	Clay
Dolomite	DO	DE	Diatomite
Feldspar	FD	DO	Dolomite
Garnet	GN	DS	Dimension Stone
Gold	AU	FD	Feldspar
Gypsum	GY	FE	Iron
Hotspring	HS	GN	Garnet
Iron	FE	GY	Gypsum
Lead	PB	HS	Hotspring
Limestone	LS	LS	Limestone
Magnetite	MA	MA	Magnetite
Molybdenum	MO	MO	Molybdenum
Nickel	NI	NI	Nickel
Palladium	PD	PB	Lead
Platinum	PT	PD	Palladium
Rare Earths	RS	PT	Platinum
Sandstone	SV	RS	Rare Earths
Shale	SH	SH	Shale
Silver	AG	ST	Slate
Slate	ST	SV	Sandstone
Tungsten	WO	WL	Wollastonite
Wollastonite	WL	WO	Tungsten
Zinc	ZN	ZN	Zinc
Granite	GR	GR	Granite