

# GEOLOGICAL LEGEND

## SEDIMENTARY, METAMORPHIC AND VOLCANIC ROCKS

### QUATERNARY AND RECENT

Q Glacial deposits, recent alluvium

### CRETACEOUS

#### LOWER CRETACEOUS

IKs Sandstone, shale, coal, conglomerate, volcanic breccia  
Blairmore Group, Crownsnest Formation

### JURASSIC - CRETACEOUS

JKs Sandstone, siltstone, mudstone, coal, conglomerate  
Kootenay and Nakanassin formations

### JURASSIC

JF Shale, siltstone, sandstone, limestone. Fernie Formation (includes Hill Formation in the Nelson map area)

### DEVONIAN TO TRIASSIC

DTs TRIASSIC shale, sandstone, limestone. Spray River Group  
PENNSYLVANIAN-PERMIAN sandstone, shale, chert. Rocky Mountain Group  
MISSISSIPPIAN limestone, shale. Rundle Group; Banff, Exshaw, Etherington, Mount Head, Livingston, Hannan, etc. formations  
UPPER DEVONIAN limestone, sandstone, shale. Fairholme Group; Paliser and Alexo formations

### CAMBRIAN - DEVONIAN (pelitic facies)

EDp DEVONIAN limestone, shale. Starbird, Mount Forster, Harrogate and Cedared formations  
ORDOVICIAN-SILURIAN limestone. Beaverfoot Formation  
ORDOVICIAN sandstone, shale. Mount Wilson and Glenogle formations  
UPPER CAMBRIAN-ORDOVICIAN limestone, shale. McKay Group  
UPPER CAMBRIAN shale, limestone. Canyon Creek, Ottertail, Jubilee formations and Chancellor Group

### CAMBRIAN - SILURIAN (carbonate facies)

EOc ORDOVICIAN-SILURIAN limestone. Beaverfoot Formation  
ORDOVICIAN limestone, shale. Mount Wilson, Owen Creek, Skoki, Outram and Survey Peak formations  
UPPER CAMBRIAN limestone, shale. Lynx Formation  
MIDDLE CAMBRIAN limestone, shale. Actomys, Pika, Eldon, Cathedral, Stephen, Mount Whyte formations

### LOWER PALEOZOIC

IPs Argillite, limestone, schist, phyllite, greenstone. Lardeau Group; Broadview, Eagle Bay, Nehway, Metaline and Active formations, Ledbetter Slate, Grass Mountain Sequence

### LOWER CAMBRIAN

IEs Quartzite, limestone, phyllite, argillite. Hamill and Gog groups; Eager, Badshot, Mohican, Donald, Reno, Lab, Quartzite Range formations; Matten Phyllite, Emerald and Reeves Limestone members

### PROTEROZOIC - PALEOZOIC

PPes Paragneiss, schist, amphibolite, marble, orthogneiss, pegmatite. Shuswap Metamorphic Complex

### PROTEROZOIC

#### HADRYNIAN (WINDERMERE)

Hs Sandstone, conglomerate, limestone, grt. minor volcanic rocks. Miette and Horseshoe Creek groups; Toby, Shadroof and Monk formations; Irene Volcanic Formation and Leola Volcanics. Silver Creek and Chase formations near Shuswap Lake

## INTRUSIVE ROCKS

### CRETACEOUS

#### EARLY AND/OR MID-CRETACEOUS

EKgd Granodiorite, quartz diorite, lesser quartz monzonite

### JURASSIC

#### MIDDLE AND/OR LATE JURASSIC

Jqm Quartz monzonite, lesser granodiorite

### PALEOZOIC

#### MIDDLE AND/OR LATE PALEOZOIC (?)

PIR Ice River Complex: syenite, gabbro, jacupirangite gneiss

#### Pgd

Adamant Pluton: granodiorite, quartz monzonite

#### Pmz

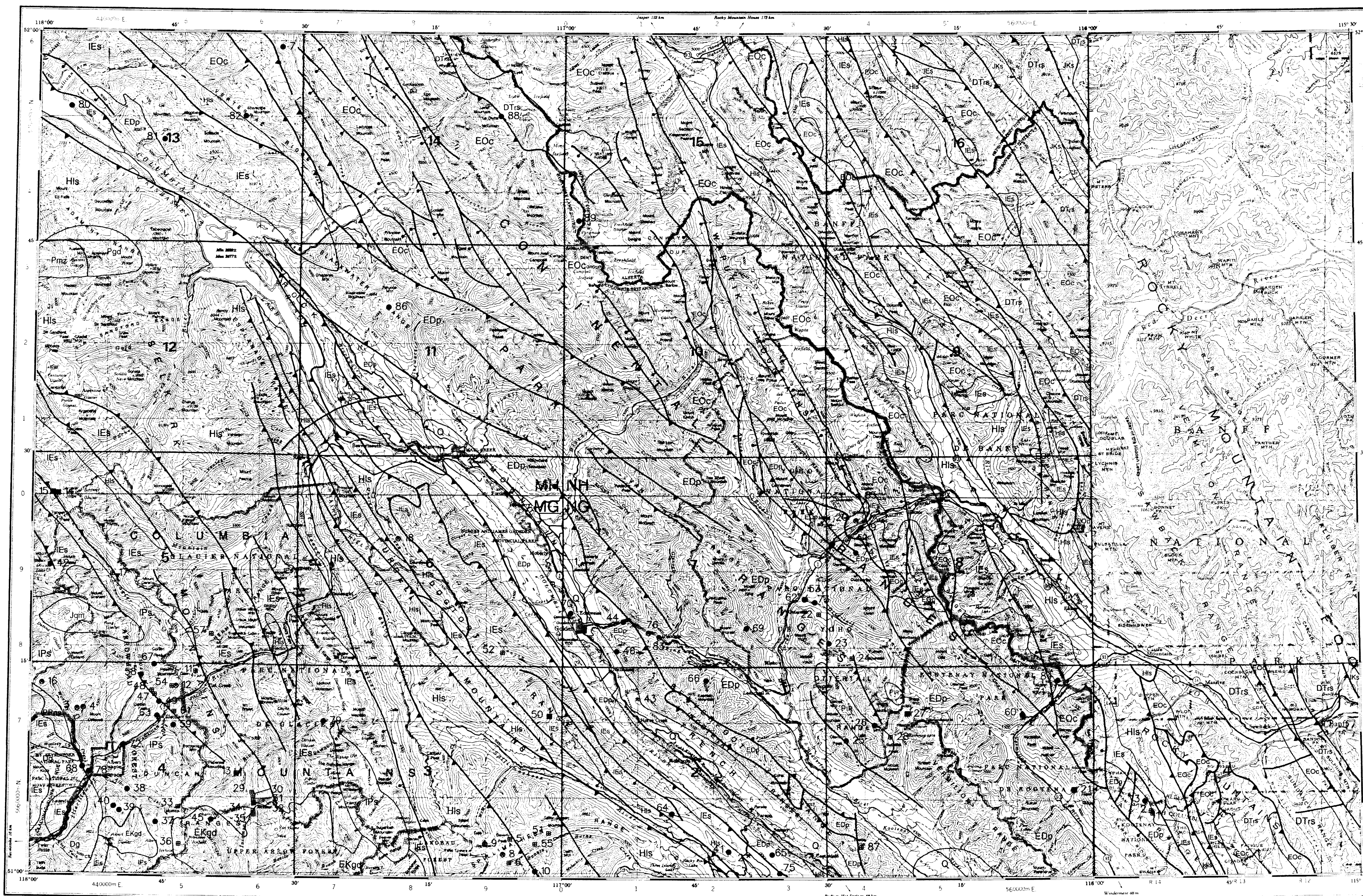
Adamant Pluton: monzonite, monzodiorite

### DEVONIAN

#### Dg

Gneissic granitic rocks. Mount Fowler batholith, Clachnacunn Gneiss

Geological map and legend compiled from:  
Ockali, A. V. and Woodsworth, G. J. (1977). Preliminary Compilation of the Kootenay River Map Sheet, Geological Survey of Canada, Open File 45, Scale 1:500,000.



BC  
Ministry of Energy, Mines and  
Petroleum Resources

Geological Survey Branch

## MINFILE MAP NTS 082N AND 082O (PART) GOLDEN - CALGARY

This MINFILE release researched and compiled by:  
G. Owsicki

Date Revised: October 1993  
Scale 1:250 000

Total Number of Mineral Occurrences: 92

Status

093D	093C	ALBERTA
082M	082N	082O
082L	082K	082J

Legend:

- Producer
- Paid Producer
- Developed Prospect
- Prospect
- Showing

### MAP LEGEND - 082N

MINFILE NUMBER	MINFILE NAME	COMMODITIES
001	AGBERTY	BA
002	PARSON	AG ZN CU AU WO SN
003	SNOWFLAKE	PS AG ZN CU AU WO SN
004	WOLFEY (L114)	PS AG ZN CU AU WO SN
005	ELLEN BUTTERMAN	PS AG ZN CU AU WO SN
006	PRATTLE CREEK	PS AG ZN CU AU WO SN
007	ROBERTS (L1002)	PS AG ZN CU AU WO SN
008	CROWN POINT	PS AG ZN CU AU WO SN
009	SMOKE (L145)	PS AG ZN CU AU WO SN
010	DONALD	PS AG ZN CU AU WO SN
011	LAMAR (L1524)	PS AG ZN CU AU WO SN
012	WATERLEY (L1367)	PS AG ZN CU AU WO SN
013	YAGER (L1368)	PS AG ZN CU AU WO SN
014	ALCO	PS AG ZN CU AU WO SN
015	GRANGE	PS AG ZN CU AU WO SN
016	QUARTZ CREEK PLACER	PS AG ZN CU AU WO SN
017	MCNAB	PS AG ZN CU AU WO SN
018	HAWK CREEK	PS AG ZN CU AU WO SN
019	COBBER	PS AG ZN CU AU WO SN
020	HARKINS CREEK	PS AG ZN CU AU WO SN
021	SILVER CREEK	PS AG ZN CU AU WO SN
022	SHAWNEE BEAUTY	PS AG ZN CU AU WO SN
023	ZINC CREEK	PS AG ZN CU AU WO SN
024	MOOSE CREEK	PS AG ZN CU AU WO SN
025	WATERLOO	PS AG ZN CU AU WO SN
026	EDMUND	PS AG ZN CU AU WO SN
027	ELIZABETH (L1786)	PS AG ZN CU AU WO SN
028	SCOTIA	PS AG ZN CU AU WO SN
029	ALBA	PS AG ZN CU AU WO SN
030	AGNES	PS AG ZN CU AU WO SN
031	HEERENACK	PS AG ZN CU AU WO SN
032	SALMON	PS AG ZN CU AU WO SN
033	ICE	PS AG ZN CU AU WO SN
034	AC	PS AG ZN CU AU WO SN
035	EX 11	PS AG ZN CU AU WO SN
036	ROSE AND DAIRY	PS AG ZN CU AU WO SN
037	SAPPHIRE	PS AG ZN CU AU WO SN
038	MCCLISON	PS AG ZN CU AU WO SN
039	RED DIRT	PS AG ZN CU AU WO SN
040	MCQUIGAL CREEK	PS AG ZN CU AU WO SN
041	JANIE	PS AG ZN CU AU WO SN
042	NORTH STAR	PS AG ZN CU AU WO SN
043	ROADSIDE	PS AG ZN CU AU WO SN
044	TRINITY	PS AG ZN CU AU WO SN
045	POPPERY AND IRON HILL (L1368)	PS AG ZN CU AU WO SN
046	SILVER	PS AG ZN CU AU WO SN
047	CRYSTAL AND WONDERFUL	PS AG ZN CU AU WO SN
048	TAMMIE	PS AG ZN CU AU WO SN
049	SILVER	PS AG ZN CU AU WO SN
050	CHERRY	PS AG ZN CU AU WO SN
051	BLUE BELL	PS AG ZN CU AU WO SN
052	TOWNSHIP CREEK	PS AG ZN CU AU WO SN
053	SILVER BELL	PS AG ZN CU AU WO SN
054	EMERALD	PS AG ZN CU AU WO SN
055	CASTLEDALE	PS AG ZN CU AU WO SN
056	MAIRIE	PS AG ZN CU AU WO SN
057	SILVER BLANCHE	PS AG ZN CU AU WO SN
058	CONSCIENCE CREEK	PS AG ZN CU AU WO SN
059	SEVER MOON	PS AG ZN CU AU WO SN
060	ALBERT CANYON	PS AG ZN CU AU WO SN
061	ONTARIO	PS AG ZN CU AU WO SN
062	MOUNT STEPHEN	PS AG ZN CU AU WO SN
063	GLACIERS	PS AG ZN CU AU WO SN
064	WOLFEY CREEK	PS AG ZN CU AU WO SN
065	MCCLISON RIVER	PS AG ZN CU AU WO SN
066	SULLIVAN RIVER	PS AG ZN CU AU WO SN
067	SCOTTIE MOUNTAIN	PS AG ZN CU AU WO SN
068	WILSON PASS	PS AG ZN CU AU WO SN
069	GLACIERS	PS AG ZN CU AU WO SN
070	YONG RIVER	PS AG ZN CU AU WO SN
071	GRIZZY	PS AG ZN CU AU WO SN
072	CASTLE MOUNTAIN	PS AG ZN CU AU WO SN
073	JACK	PS AG ZN CU AU WO SN
074	MARK	PS AG ZN CU AU WO SN

### MAP LEGEND - 082O

MINFILE NUMBER	MINFILE NAME	COMMODITIES
001	GOLD DOLLAR	TC
002	RED MOUNTAIN	TC
003	SADDLE	TC

### COMMODITY LEGEND

CODE INDEX	COMMODITY INDEX
AB	Asbestos
AG	Silver
AL	Aluminum
AM	Ammonium
AN	Antimony
AR	Argon
AS	As
AT	Antimony
BA	Baryte
BB	Bismuth
BC	Beryllium
BD	Bismuth
BE	Beryllium
BF	Bismuth
BG	Bismuth
BH	Bismuth
BI	Bismuth
BJ	Bismuth
BK	Bismuth
BL	Bismuth
BM	Bismuth
BN	Bismuth
BO	Bismuth
BP	Bismuth
BQ	Bismuth
BR	Bismuth
BS	Bismuth
BT	Bismuth
BU	Bismuth
BV	Bismuth
BW	Bismuth
BX	Bismuth
BY	Bismuth
BZ	Bismuth
CA	Calcium
CB	Calcium
CC	Calcium
CD	Calcium
CE	Calcium
CF	Calcium
CG	Calcium
CH	Calcium
CI	Calcium
CJ	Calcium
CK	Calcium
CL	Calcium
CM	Calcium
CN	Calcium
CO	Calcium
CP	Calcium
CQ	Calcium
CR	Calcium
CS	Calcium
CT	Calcium
CU	Copper
CV	Copper
CW	Copper
CX	Copper
CY	Copper
CZ	Copper
DA	Diamond
DB	Diamond
DC	Diamond
DD	Diamond
DE	Diamond
DF	Diamond
DG	Diamond
DH	Diamond
DI	Diamond
DJ	Diamond
DK	Diamond
DL	Diamond
DM	Diamond
DN	Diamond
DO	Diamond
DP	Diamond
DQ	Diamond
DR	Diamond
DS	Diamond
DT	Diamond
DU	Diamond
DV	Diamond
DW	Diamond
DX	Diamond
DY	Diamond
DZ	Diamond
EA	Emerald
EB	Emerald
EC	Emerald
ED	Emerald
EE	Emerald
EF	Emerald
EG	Emerald
EH	Emerald
EI	Emerald
EJ	Emerald
EK	Emerald
EL	Emerald
EM	Emerald
EN	Emerald
EO	Emerald
EP	Emerald
EQ	Emerald
ER	Emerald
ES	Emerald
ET	Emerald
EU	Emerald
EV	Emerald
EW	Emerald
EX	Emerald
EY	Emerald
EZ	Emerald
FA	Fluorite
FB	Fluorite
FC	Fluorite
FD	Fluorite
FE	Fluorite
FF	Fluorite
FG	Fluorite
FH	Fluorite
FI	Fluorite
FJ	Fluorite
FK	Fluorite
FL	Fluorite
FM	Fluorite
FN	Fluorite
FO	Fluorite
FP	Fluorite
FQ	Fluorite
FR	Fluorite
FS	Fluorite
FT	Fluorite
FU	Fluorite
FV	Fluorite
FW	Fluorite
FX	Fluorite
FY	Fluorite
FZ	Fluorite
GA	Garnet
GB	Garnet
GC	Garnet
GD	Garnet
GE	Garnet
GF	Garnet
GG	Garnet
GH	Garnet
GI	Garnet
GJ	Garnet
GK	Garnet
GL	Garnet
GM	Garnet
GN	Garnet
GO	Garnet
GP	Garnet
GQ	Garnet
GR	Garnet
GS	Garnet
GT	Garnet
GU	Garnet
GV	Garnet
GW	Garnet
GX	Garnet
GY	Garnet
GZ	Garnet
HA	Hallucite
HB	Hallucite
HC	Hallucite
HD	Hallucite
HE	Hallucite
HF	Hallucite
HG	Hallucite
HH	Hallucite
HI	Hallucite
HJ	Hallucite
HK	Hallucite
HL	Hallucite
HM	Hallucite
HN	Hallucite
HO	Hallucite
HP	Hallucite
HQ	Hallucite
HR	Hallucite
HS	Hallucite
HT	Hallucite
HU	Hallucite
HV	Hallucite
HW	Hallucite
HX	Hallucite
HY	Hallucite
HZ	Hallucite
IA	Iron
IB	Iron
IC	Iron
ID	Iron
IE	Iron
IF	Iron
IG	Iron
IH	Iron
II	Iron
IJ	Iron
IK	Iron
IL	Iron
IM	Iron
IN	Iron
IO	Iron
IP	Iron
IQ	Iron
IR	Iron
IS	Iron
IT	Iron
IU	Iron
IV	Iron
IW	Iron
IX	Iron
IY	Iron
IZ	Iron
JA	Jadeite
JB	Jadeite
JC	Jadeite
JD	Jadeite
JE	Jadeite
JF	Jadeite
JG	Jadeite
JH	Jadeite
JI	Jadeite
JJ	Jadeite
JK	Jadeite
JL	Jadeite
JM	Jadeite
JN	Jadeite
JO	Jadeite
JP	Jadeite
JQ	Jadeite
JR	Jadeite
JS	Jadeite
JT	Jadeite
JU	Jadeite
JV	Jadeite
JW	Jadeite
JX	Jadeite
JY	Jadeite
JZ	Jadeite
KA	Kyanite
KB	Kyanite
KC	Kyanite
KD	Kyanite
KE	Kyanite
KF	Kyanite
KG	Kyanite
KH	Kyanite
KI	Kyanite
KJ	Kyanite
KL	Kyanite
KM	Kyanite
KN	Kyanite
KO	Kyanite
KP	Kyanite
KQ	Kyanite
KR	Kyanite
KS	Kyanite
KT	Kyanite
KU	Kyanite
KV	Kyanite
KW	Kyanite
KX	Kyanite
KY	Kyanite
KZ	Kyanite
LA	Lapis Lazuli
LB	Lapis Lazuli
LC	Lapis Lazuli
LD	Lapis Lazuli
LE	Lapis Lazuli
LF	Lapis Lazuli
LG	Lapis Lazuli
LH	Lapis Lazuli
LI	Lapis Lazuli
LJ	Lapis Lazuli
LK	Lapis Lazuli
LL	Lapis Lazuli
LM	Lapis Lazuli
LN	Lapis Lazuli
LO	Lapis Lazuli
LP	Lapis Lazuli
LQ	Lapis Lazuli
LR	Lapis Lazuli
LS	Lapis Lazuli
LT	Lapis Lazuli
LU	Lapis Lazuli
LV	Lapis Lazuli
LW	Lapis Lazuli
LX	Lapis Lazuli
LY	Lapis Lazuli
LZ	Lapis Lazuli
MA	Malachite
MB	Malachite
MC	Malachite
MD	Malachite
ME	Malachite
MF	Malachite
MG	Malachite
MH	Malachite
MI	Malachite
MJ	Malachite
MK	Malachite
ML	Malachite
MM	Malachite
MN	Malachite
MO	Malachite
MP	Malachite
MQ	Malachite
MR	Malachite
MS	Malachite
MT	Malachite
MU	Malachite
MV	Malachite
MW	Malachite
MX	Malachite
MY	Malachite
MZ	Malachite
NA	Natural Gas
NB	Natural Gas
NC	Natural Gas
ND	Natural Gas
NE	Natural Gas
NF	Natural Gas
NG	Natural Gas
NH	Natural Gas
NI	Natural Gas
NJ	Natural Gas
NK	Natural Gas
NL	Natural Gas
NM	Natural Gas
NO	Natural Gas
NP	Natural Gas
NQ	Natural Gas
NR	Natural Gas
NS	Natural Gas
NT	Natural Gas
NU	Natural Gas
NV	Natural Gas
NW	Natural Gas
NX	Natural Gas
NY	Natural Gas
NZ	Natural Gas
OA	Olivine
OB	Olivine
OC	Olivine
OD	Olivine
OE	Olivine
OF	Olivine
OG	