GEOLOGICAL LEGEND
PENTICTON - 082ESW

LAYERED ROCKS

QUATERNARY

| Qal | *Unconsolidated glacial, fluvial and alluvial deposits* |

TERTIARY
MIOCENE TO PLIOCENE

| Mo | **Olalla Rhyolite:** *rhyolite breccia, obsidian and related dikes* |

EOCENE

| EP | **PENTICTON GROUP:** *Undivided mixed alkalic and calcalkaline trans-tensional volcanics and associated fluvial and lacustrine sediments* |

Included in legend but NOT shown on map (except (Esb) Springbrook and (Epwl) White Lake formations):

EPs	**Skaha Formation:** *mostly chert and greenstone slide breccia, some tephrite lava; overlain by polymictic fanglomerate*
EPwl	**White Lake Formation:** *interdigitated volcanic sandstone and conglomerate with feldspar porphyry lavas, lahars, pyroclastic rocks and volcanic breccias*
EPma	**Marama Formation:** *flow banded dacite, breccia; mainly lava domes*
EPmr	**Marron Formation:** *undivided Park Rill, Nimpit Lake, Kearns Creek, Kitley Lake and Yellow Lake members; merocrystalline andesitic lava, tan trachyte and trachyandesite lava with up to 10 per cent plagioclase glomerophenocrysts in a finely crystalline matrix, pyroxene-rich rhomb-porphyry and mafic phonolite lava and minor breccia; Kitley Lake Member is 51.6 +/- 1.8 Ma, K-Ar (biotite)*
Esb	**Springbrook Formation:** *discontinuous, basal, polymictic conglomerate and breccia; derived from underlying upper Paleozoic and older basement rocks*

| Egn | **Okanagan Gneiss:** *massive, medium grey weathering, resistant hornblende biotite granodiorite orthogneiss: strongly foliated, grades to mylonitic gneiss, mylonite and blastomylonite; minor amphibolite, paragneiss, schist, pegmatite and aplite: strongly chloritized along the Okanagan Valley fault; includes* **(Eg)** *hornblende granodiorite: massive, resistant, grey weathering, coarse grained, equigranular, mesocratic with euhedral fresh black hornblende crystals; includes granite and granodiorite gneiss with pegmatite veins and sills; 52.3 +/- 1.4 Ma, K-Ar (hornblende)* |

UPPER TRIASSIC

| uTrv | *Island-arc derived mafic lavas, volcaniclastics, comagmatic intrusions; includes undifferentiated greenstone lenses; includes Rossland Group* |
| uTrN | **NICOLA GROUP:** *Island-arc derived mafic lavas, volcaniclastics, comagmatic intrusions; rusty weathering black pyritic slate, phyllite and argillite, locally silicified or 'cherty'; minor quartzite, minor interbedded argillaceous limestone* |

CARBONIFEROUS TO TRIASSIC

CTrot	**Old Tom Formation:** *massive andesitic greenstone and greenstone breccia; locally includes large, extensive, strongly silicified equivalents in irregular bodies and lenses with gradational boundaries; undifferentiated limestone; minor diorite*
CTrs	**Shoemaker Formation:** *massive, greyish green silicified volcanic rocks: includes 'cherty' tuff and breccia, undifferentiated*
CTri	**Independence Formation:** *massive greenstone - volcanic breccia with greenstone fragments: includes large undifferentiated silicified lenses and limestone*

NOTE: The above units (CTrot, CTrs, CTri) have been informally referred to regionally as the Apex Mountain Group containing five major lithofacies: massive and bedded chert, greenstone, chert breccia, argillite and limestone.

CARBONIFEROUS TO PERMIAN

CPA	**ANARCHIST GROUP:** *Dark grey weathering, recessive amphibolite, greenstone, quartz chlorite schist, quartz biotite schist,* **(um)** *minor serpentinized peridotite or dunite*
Pw	**Wallace Formation:** *metamorphosed andesitic tuffs and lavas, intrusions, hornfels and minor limestone; correlated with the upper (Permian) part of the Anarchist Group*
CPK	**KOBAU GROUP:** *Undivided amphibolite, green schist, quartzite, mica schist, greenstone and minor marble: strongly foliated and penetrative flaser fabrics*
CPB	**BARSLOW ASSEMBLAGE:** *Undivided thin bedded, brown, silty slate and argillaceous siltstone; lacks penetrative fabric; lower greenschist facies metamorphism*

PROTEROZOIC TO (?) LOWER PALEOZOIC

| PMgf | **Grand Forks and Monashee Gneiss:** *undifferentiated: includes grey, massive, biotite granite gneiss; layered paragneiss; schist; quartzite; calcsilicate gneiss; amphibolite; carbonatite; marble; pegmatite and amphibolite* |

INTRUSIVE ROCKS

TERTIARY
EOCENE

| Ec | *Undifferentiated Coryell-related intrusions: alkalic to calcalkaline, high level, syenite, monzonite and shonkinite: includes* **(Eal)** *Allendale Lake stock, porphyritic biotite pyroxene monzonite, syenite, shonkinite, 51.7 +/- 1.8 Ma, K-Ar (biotite)* |
| Esc | **SHINGLE CREEK PORPHYRY:** *quartz feldspar porphyry stock: includes* **(Etc)** *Tuzo Creek (porphyry) stock, quartz-albite-sanidine porphyry, 49.5 +/- 2 Ma, K-Ar (biotite);* **(Ebp)** *Beaverdell porphyry, massive, lightly jointed, porphyritic granite, distinctive pink orthoclase phenocrysts up to 6 centimetres long, 49.4 +/- 0.7 Ma, K-Ar (biotite); and* **(Eec)** *Eugene Creek stock, 54.5 +/- 1.9 Ma, K-Ar (biotite); plutonic equivalent of the Marron Formation, especially* **(Ek)** *the Kettle River Formation* |

CRETACEOUS AND/OR TERTIARY

| KTo | **OKANAGAN BATHOLITH and satellite stocks:** *massive, light grey weathering, medium to coarse grained, equigranular to porphyritic, unfoliated to weakly foliated, fresh biotite granodiorite and granite* |

JURASSIC AND/OR CRETACEOUS

| JKf | **Fairview Granodiorite:** *massive, pink to light brown weathering, medium to coarse grained, unfoliated to weakly foliated, fresh granodiorite; 111 +/- 5 Ma minimum, K-Ar (biotite)* |

JURASSIC

Jos	**OSOYOOS PLUTON:** *synkinematic quartz monzonite intrusion at Anarchist Mountain and west of Osoyoos: medium grained, hypidiomorphic granular, biotite hornblende quartz monzonite, 170 Ma, Rb-Sr; pink weathering, leucocratic, foliated quartz monzonite with a medium grained, hypidiomorphic granular texture characterized by small pink garnets and poikilitic muscovite flakes, 140 Ma, Rb-Sr; medium to coarse grained, hypidiomorphic granular or occasional porphyritic biotite quartz monzonite with a weakly developed foliation, 135 Ma, Rb-Sr*
Jol	**OLIVER PLUTONIC COMPLEX:** *massive, unfoliated, medium grained, porphyritic biotite granite with weakly foliated hornblende granodiorite along the southern border; also includes biotite hornblende diorite, agmatite, massive garnet muscovite granite, porphyritic quartz monzonite and syenite phases; 152 +/- 3 Ma, U-Pb (zircon)*
Jk	**KRUGER ALKALIC COMPLEX:** *interpreted as a younger border phase of the Similkameen batholith, potassium feldspar porphyritic diorite, syenite and nepheline syenite, 139, 152 +/- 8 Ma (pyroxene-hornblende mix) and 171 +/- 6.4 Ma, K-Ar (hornblende)*
Jwk	**WESTKETTLE BATHOLITH:** *equigranular biotite hornblende granodiorite to quartz diorite; intensely chloritized mafics; age based on correlation with the Nelson batholith*

MIDDLE JURASSIC

mJn	*Undifferentiated intrusions correlated with the Nelson batholith: porphyritic granite, granodiorite*
mJs	**SIMILKAMEEN BATHOLITHIC COMPLEX:** *massive, medium grained biotite hornblende granodiorite; 171 +/- 6 Ma, K-Ar (hornblende); includes several satellite stocks referred to as Osoyoos and Testalinden granodiorite*
mJol	**OLALLA ALKALIC COMPLEX:** *magnetite-bearing pyroxenite border phase with a diorite and fine grained syenite core; 179 Ma, K-Ar*
mJok	**OKANAGAN BATHOLITHIC COMPLEX (BROMLEY BATHOLITH):** *occurring between Princeton and Okanagan Lake in the northwest corner of the Penticton map area; marginal diorite intruded by quartz diorite, 165 +/- 9.7 Ma to 185 +/- 6.6 Ma, K-Ar and 166 +/- 53 Ma, Rb-Sr isochron; younger porphyritic granodiorite, 194.8 +/- 2.4 Ma, U-Pb (zircon); quartz monzonite and granite, 160.4 +/- 4.8 Ma to 133 +/- 4.1 Ma, K-Ar and 154 +/- 6 Ma, Rb-Sr isochron*

Geological map and legend compiled from:

Cairnes, C.E. (1940): Kettle River (West Half), British Columbia; *Geological Survey of Canada*, Map 538A.

Hoy, T., Church, N., Legun, A., Glover, K., Gibson, G., Grant, B., Wheeler, J.O. and Dunn, K.P.E. (1993): Geology of the Kootenay River Map Area (NTS 82 and parts of 83C,D); *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1994-8.

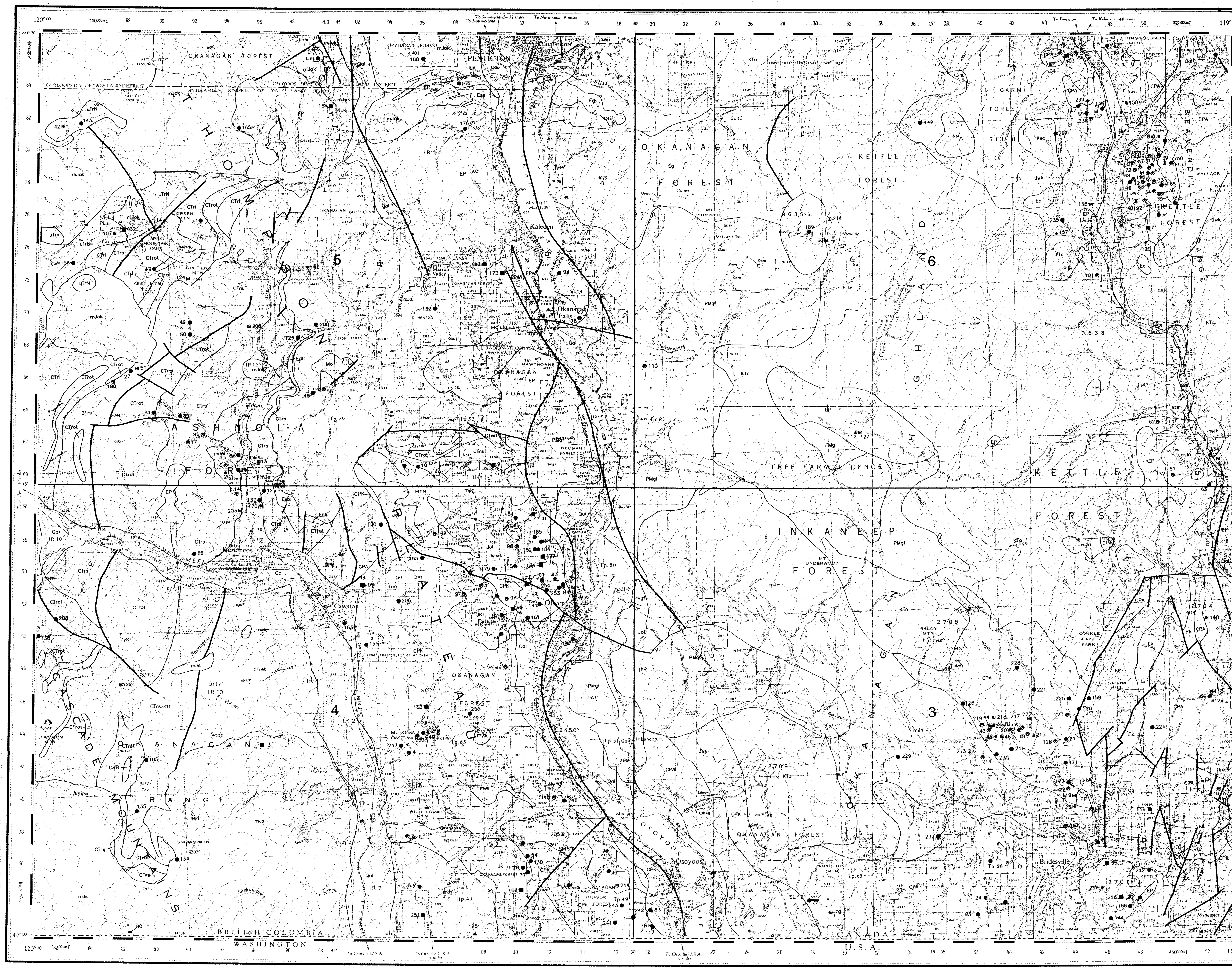
Little, H.W. (1961): Kettle River (West Half) British Columbia; *Geological Survey of Canada*, Map 15-1961.

Tempelman-Kluit, D.J. (1989): Geological Map with Mineral Occurrences, Fossil Localities, Radiometric ages and Gravity Field for Penticton Map Area (NTS 82E), Southern British Columbia; *Geological Survey of Canada*, Open File 1969.

Tempelman-Kluit, D.J. (1989): Geology, Penticton, British Columbia, *Geological Survey of Canada*, Map 1736A, scale 1:250 000.

See Penticton (082ESW) Summary Sheet for an overview of the map area and additional regional references.

Positions of all geological contacts are approximate. In the case of an apparent disagreement between an occurrence's geological location on the map and its stratigraphic setting given in the MINFILE documentation, the latter should be given priority.



BRITISH COLUMBIA
Ministry of Employment and Investment
Energy and Minerals Division
Geological Survey Branch

Geological Survey Branch

MINFILE MAP
NTS 082ESW
PENTICTON

This MINFILE release researched and compiled by: K.J. Mountjoy

Date Revised: **July 1997**
Scale 1:100 000

0 2 4 6 8 10 kilometres

Total Number of Mineral Occurrences: 257

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

092P	082M	082N
092I	082L	082K
092H	082E (NW, NE, SW, SE)	082F

52° 122° 116° 52° / 49° 122° 116° 49°

MAP LEGEND - 082ESW

MINFILE NUMBER	NAME	COMMODITIES
001	DIVIDEND-LAKEVIEW	AU AG CU PB ZN BI CO
002	HORN SILVER (L.1928)	AG AU PB ZN CU
003	KING EDWARD (L.542S)	CU MO AG
004	MAK SICCAR	AU AG CU
005	TINHORN (L.726)	AU AG PB CU ZN
006	MORNING STAR (L.443)	AU AG PB ZN CU SI
007	STEMWINDER (L.384)	AU AG PB ZN CU
008	FAIRVIEW (L.556S)	AU AG PB CU ZN SI
009	MO RHODONITE	RO GS
010	GRANDORO	AU AG PB ZN
011	TWIN LAKES	AU AG PB ZN
012	DOLPHIN (L.978S)	CU AG AU PB MO
013	BULLION NO. 1 (L.3116)	AU AG CU NI
014	SOMETHING GOOD (L.1451)	AU AG CU ZN
015	SUNRISE (L.18S)	AU AG CU PB ZN
016	GOLCONDA	CU PB MO AU AG
017	DIEF	MN RO GS
018	FONTENOY (L.752)	AU PB ZN
019	WATERLOO	AU
020	CARIBOO-AMELIA	AU AG PB ZN CU PL SI
021	VICTORIA (L.218)	AU AG PB CU ZN
022	DAYTON	AU AG CU PB ZN
023	WAR EAGLE (L.1879)	AU AG CU
024	ANARCHIST CHROME	CR
025	BRIDON	CR
026	ROCK CREEK PLACER	AU PT
027	ALLEGRO	AU AG MO WO
028	JOE 7	AG CU MO
029	CARMI (L.2352)	AU AG ZN PB CU MO
030	BEAVERDELL	AG PB ZN AU CD CU
031	KOKOMO FR. (L.3067)	AG PB ZN AU
032	DUNCAN (L.2605)	AG PB ZN
033	BOUNTY (L.2348)	AG PB ZN AU
034	RAMBLER (L.2797)	AG PB ZN AU CU
035	STANDARD FR. (L.3297S)	AG PB ZN AU CU
036	BUSTER (L.2937)	AG PB ZN AU CU
037	JOE 5	AG CU MO
038	NEPANEE	AG PB ZN AU CU
039	WASHINGTON (L.2363)	AG PB
040	BEAVER (L.2342)	AG PB ZN AU
041	GOLD DROP (L.1195S)	AG PB ZN CU AU
042	GOLDEN ZONE (L.904S)	AU AG ZN CU AS
043	GOLD HILL	AU PB ZN AG
044	EUREKA (L.242)	AU AG PB CU
045	SAILOR (L.766)	AU AG PB ZN CU CR NI
046	MINNIE HA-HA (L.680)	AU AG PB ZN CU
047	ACACIA (L.694S)	AU CU AG WO
048	GOLDEN PLUG	AG ZN CU PB
049	PAPEX	CU
050	KOPR	CU
051	STAR OF HOPE (L.2671)	AU AG PB CU ZN
052	GREENWOOD (L.3114)	AU CU
053	LOOKOUT	CU AG AU
054	OLD 9	AG CU MO
055	OLD NICK	NI CO CU AU MO CR
056	NORTHWESTERN QUARRIES	DS
057	WHITE KNIGHT (L.1081)	AG AU PB CU
058	MO	MO ZN PB CU
059	INYO-ACKWORTH	AG AU PB ZN CU
060	LYNX	CU AG MO
061	ENTERPRISE (L.1449S)	AU AG TE CU PB ZN
062	COLBY 1 (L.1088S)	AU AG PB ZN
063	BOOMERANG (L.733S)	AU AG PB ZN CU
064	CROWN POINT (L.2448)	AG PB ZN AU
065	BLACK DIAMOND (L.1098S)	AG PB ZN CU AU
066	BOUNTY FR. (L.2962)	AG PB ZN AU
067	TIGER (L.2097)	AG PB ZN AU CU
068	NODAWAY (L.2615)	AG PB ZN AU
069	CASTOR FR. (L.2278)	AG PB ZN AU
070	HOMESTAKE FR. (L.1094S)	AG PB ZN AU
071	SCANDIE	AG PB ZN AU CU
072	WELLINGTON (L.2621)	AG PB ZN AU
073	SALLY (L.2092)	AG AU PB ZN CU
074	OPULENCE (L.1910)	CU AG AU
075	LIBRA	CU MO
076	ROHNE FR. (L.2676)	CU AU AG
077	SHELL NO.1	CU ZN PB
078	DUSTY MAC	AU AG CU PB ZN
079	SHELL NO.17	CU PB ZN AU AG
080	YRD	MO CU PB
081	GOATS	PB
082	LOUIS	RO GS
083	CAT FRACTION	CU MO
084	GYPO (L.3098S)	SI FL MI AU AG CU FD
085	OLALLA CREEK LIMESTONE	LS MB BS
086	SILVER COIN	AG AU PB CU
087	COPPER COIN	CU MO
088	HOMESTEAD (M47)	NI CU
089	SMUGGLER	AU AG PB ZN
090	SUSIE (L.1917)	AG AU PB ZN CU SI
091	STANDARD	AU AG PB ZN CU
092	DIVINE	AU AG
093	EMPIRE (L.611)	AG AU
094	BEV	AU AG
095	KOH-I-NOOR	AG AU
096	OLALLA	AG AU MN
097	QUEEN MARY	AG AU
098	YELLOW VALLEY	AG AU
099	SIL	MB DS BS
100	BOOT	CU AG NI
101	MAY	AG ZN PB CU MO AU
102	CRYSTAL PEAK GARNET	GN WO CU AG AU ZN
103	MAY (L.2355)	AG PB
104	CAPCO	AG AU CU
105	ANDREANA	WO
106	MOUNT KRUGER	NS FD
107	PATRICIA	CU AG AU WO
108	TORRES	AU AG CU PB ZN
109	LAURION	PB ZN AU AG PT HG
110	SHUTTLEWORTH CREEK	AB MI VM
111	PASS	CU PB AU AG
112	GOLD	AU AG
113	OROFINO MOUNTAIN	AU AG PB CU ZN RO GS
114	JJ	CU AG AU
115	FEDERAL (L.2030S)	AG AU PB ZN CU
116	ROCK CREEK ASBESTOS	AB
117	MOLKA (L.2675)	CU
118	MAYBE	AU AG PB ZN CU
119	HOMESTAKE (L.1892)	AU CU
120	COBO	CU NI
121	RAY	CU NI
122	GIL	WO MO CU ZN PB AG
123	RENO	AG CU
124	DIVIDEND	CU AG AU WO
125	NIKKI	CU PB ZN AG AU
126	YOUNKIN	MO
127	VENNER	AU AG CU
128	GOLD STANDARD	AU PB CU ZN
129	LEONA	AU AG PB ZN
130	BUL 19	AG CU MO
131	WALT 32	AG CU MO
132	BUTCHER BOY (L.2353)	AU AG ZN PB CU MO
133	HIGHLAND LASS (L.2341)	AG PB ZN AU CU
134	SNO	CU MO PB WO
135	JUN	CU ZN
136	DOORN	AU AG PB ZN CU BI
137	HILLSIDE	AG CU AU
138	FOB	MO CU AG AU
139	BRENT LAKE	UR
140	SPOTTED LAKE	MS SO
141	CONTACT LAKE	UR TH
142	SPIRE	AG AU CU PB ZN MO
143	TOUGH OAKS	AU AG CU WO
144	EK	SI
145	HIGHLAND CHIEF (L.2345)	AG PB ZN AU CU
146	OLYMPIC	AG
147	NIPPER	AU AG PB ZN
148	JO DANDY (L.2120)	AU AG PB ZN CU
149	ROCK CREEK	CR NI
150	SILVER STAR	AG CU PB ZN MO

MAP LEGEND - 082ESW

MINFILE NUMBER	NAME	COMMODITIES
151	GOLDEN GATE	ZN PB CU AG AU
152	LUCKY BOY (L.3073S)	AU AG CU PB ZN
153	IRENE	AU AG PB
154	FARLEIGH LAKE	TH UR
155	PAULSEN TALC	TC MG
156	HARD CASH (L.2715)	AG ZN PB CU AU
157	CRANBERRY	AU AG
158	FLORENCE	AG AU PB ZN CU
159	JOLLY CREEK CHROME	CR
160	RIDGE	AU AG ZN
161	JOE DANDY (L.447)	AU AG PB
162	MARRON FLAT	RO GS
163	CAWSTON	RO TC GS
164	COVERT BASIN	UR
165	ALLEN GROVE	AE GS
166	SHINGLE CREEK	FD GS
167	OLIVER	AE GS
168	DAN	NI CR
169	BEAVERDELL GRANITE	GR DS BS
170	JUNIPER (L.1604)	AU AG CU
171	RICE	AU CU PB
172	RICE B	AU AG CU PB
173	VAULT	AU AG
174	SINKING POND AND FLATS	UR
175	GYPO GREISEN	UR TH
176	SKAHA RESERVATION	TH UR
177	NORTH WOW FLAT	UR
178	SOUTH WOW LAKE	UR
179	BURNELL POND	UR
180	YUNIMAN	AU AG PB ZN CU RO
181	POWERLINE	UR
182	HEART	UR
183	PURPLE	UR
184	POLVO	UR
185	RANCH LAKE	UR
186	MEYERS SWAMP	UR
187	KALEDEN	UR
188	NKWALA SOUTH	UR
189	ALLENDALE LAKE	UR
190	PDL	AU AG CU PB ZN MO
191	ALASKA (L.2938)	AG AU CU PB ZN
192	BELLACLAVA (L.3837S)	AU AG PB ZN
193	HIDDEN TREASURE (L.3840S)	AG PB ZN AU
194	GOLDEN FR. (L.3289S)	AG PB ZN CU AU
195	EXCELSIOR FR. (L.1204S)	PB
196	ADVANCE FR. (L.3834S)	AG PB ZN
197	REVENGE (L.3294S)	AU AG PB ZN
198	WOMBAT	AU CU AG
199	JAY	CU AG AU
200	YELLOW LAKE	FD
201	KET 27	AU CU PB
202	O.K. MARL (L.2193)	MR
203	ROADSIDE	AU AG CU PT
204	COPPER KING	AU AG CU PB
205	MAM	AU AG CU PB ZN MO
206	LINDA LOU	AU AG PB CU
207	LOBO	AG CU MO NI
208	PINKY	RO GS AU
209	KERO	AU AG PB ZN CU
210	KET 28	AU
211	ALLENDALE	DS GR BS NS
212	SYACKAN	CU PB
213	ANARCHIST (L.647)	AU AG PB ZN CU
214	GRANITE (L.1585)	AU AG CU PB ZN
215	KAMLOOPS (L.275)	AU AG PB CU ZN
216	BIG BUG (L.923)	AU
217	WIARTON (L.856)	AU AG PB ZN
218	PANDRE (L.2661)	AU PB
219	EDWARD VII (L.3499)	AU AG
220	SLAMET (L.2663)	AU
221	PICTOU (L.2524)	PB CU ZN
222	ARGEN (L.343)	AU AG PB
223	LEMON (L.760)	AU
224	JOLLY	AU AG CU PB ZN
225	STAN	CU AG
226	HO	CU
227	INTERNATIONAL (L.1877S)	AG AU PB
228	ELK	AU AG PB ZN CU CR
229	HGM	AG PB
230	RCJV	PB ZN CU
231	LAWLESS	AU AG CU ZN MO
232	KET 20	CR NI
233	MONTE CHRISTO (L.3125)	AU AG CU PB
234	OHIO (L.3124)	AU AG CU PB
235	BUG	AU AG PB ZN CU
236	CHARYBDIS	AG PB
237	OBSERVATORY (L.1252S)	AG
238	BOUNDARY	AG PB ZN CU
239	NORTH	AG PB
240	MARY-O	AU AG CU ZN MO
241	GOLD HILL (L.1916)	AG CU PB ZN
242	MANX (L.3558S)	CU AU AG
243	BLUE BELL (L.1902)	CU AU AG
244	KRUGER	CU AG AU
245	MS	AU AG CU BI
246	RICHTER	AG AU CU
247	IXL-ELLEN	AU AG CU
248	APEX (L.1038S)	AU AG CU
249	TOWER	AU
250	FRENCH (L.2975)	AU AG
251	BORDER	AU AG PB ZN
252	CHOPAKA	AU AG PB ZN
253	QUEEN QUARTZ	AU AG PB
254	GOLDEN WEST	AU AG
255	TESTALINDEN	AU AG ZN
256	ROCK	BA
257	MCKINNEY CREEK PLACER	AU

OCCURRENCES DELETED FROM PREVIOUS MAP RELEASES
082ESW - PENTICTON

OLD NUMBER	OLD NAME	REASON FOR DELETION
082ESW048	AUSTRALIAN (L.690)	Combined with 082ESW047 ACACIA (L.694S)
082ESW105	PA	Combined with 082ESW122 GIL
082ESW118	BALDY	Combined with 082ESW022,23 DAYTON, WAR EAGLE (L.1879)
082ESW127	SHUTTLEWORTH CREEK	Combined with 082ESW110 SHUTTLEWORTH CREEK
082ESW129	OGOFAN	Combined with 082ESW128 LEONA
082ESW137	MO	Combined with 082ESW113 HILLSIDE
082ESW160	KRUGER MT	Combined with 082ESW106 MOUNT KRUGER
082ESW161	KEREMEOS	Combined with 082ESW082 LOUIS
082ESW203	SUN AND MOON	Same as 082ESW158 FLORENCE
082ESW204	WOMBAT	Same as 082ESW198 WOMBAT
082ESW206	JOE DANDY (L.447)	Same as 082ESW161 JOE DANDY (L.447)
082ESW207	DELL-KUZA	Combined with 082ESW136 DOORN

COMMODITY LEGEND

CODE INDEX

Code	Commodity
AB	Asbestos
AE	Agate
AG	Silver
AS	Arsenic
AU	Gold
BA	Barite
BI	Bismuth
BS	Building Stone
CD	Cadmium
CO	Cobalt
CR	Chromium
CU	Copper
DS	Dimension Stone
FD	Feldspar
FL	Fluorite
GN	Garnet
GR	Granite
GS	Gemstones
HG	Mercury
LS	Limestone
MB	Marble
MG	Magnesium
MI	Mica
MN	Manganese
MO	Molybdenum
MR	Marl
MS	Magnesium Sulphate
NI	Nickel
NS	Nepheline Syenite
PB	Lead
PL	Pyrophyllite
PT	Platinum
RO	Rhodonite
SI	Silica
SO	Sodium Carbonate
TC	Talc
TE	Tellurium
TH	Thorium
UR	Uranium
VM	Vermiculite
WO	Tungsten
ZN	Zinc

COMMODITY INDEX

Commodity	Code
Agate	AE
Arsenic	AS
Asbestos	AB
Barite	BA
Bismuth	BI
Building Stone	BS
Cadmium	CD
Chromium	CR
Cobalt	CO
Copper	CU
Dimension Stone	DS
Feldspar	FD
Fluorite	FL
Garnet	GN
Gemstones	GS
Gold	AU
Granite	GR
Lead	PB
Limestone	LS
Magnesium	MG
Magnesium Sulphate	MS
Manganese	MN
Marble	MB
Marl	MR
Mercury	HG
Mica	MI
Molybdenum	MO
Nepheline Syenite	NS
Nickel	NI
Platinum	PT
Pyrophyllite	PL
Rhodonite	RO
Silica	SI
Silver	AG
Sodium Carbonate	SO
Talc	TC
Tellurium	TE
Thorium	TH
Tungsten	WO
Uranium	UR
Vermiculite	VM
Zinc	ZN