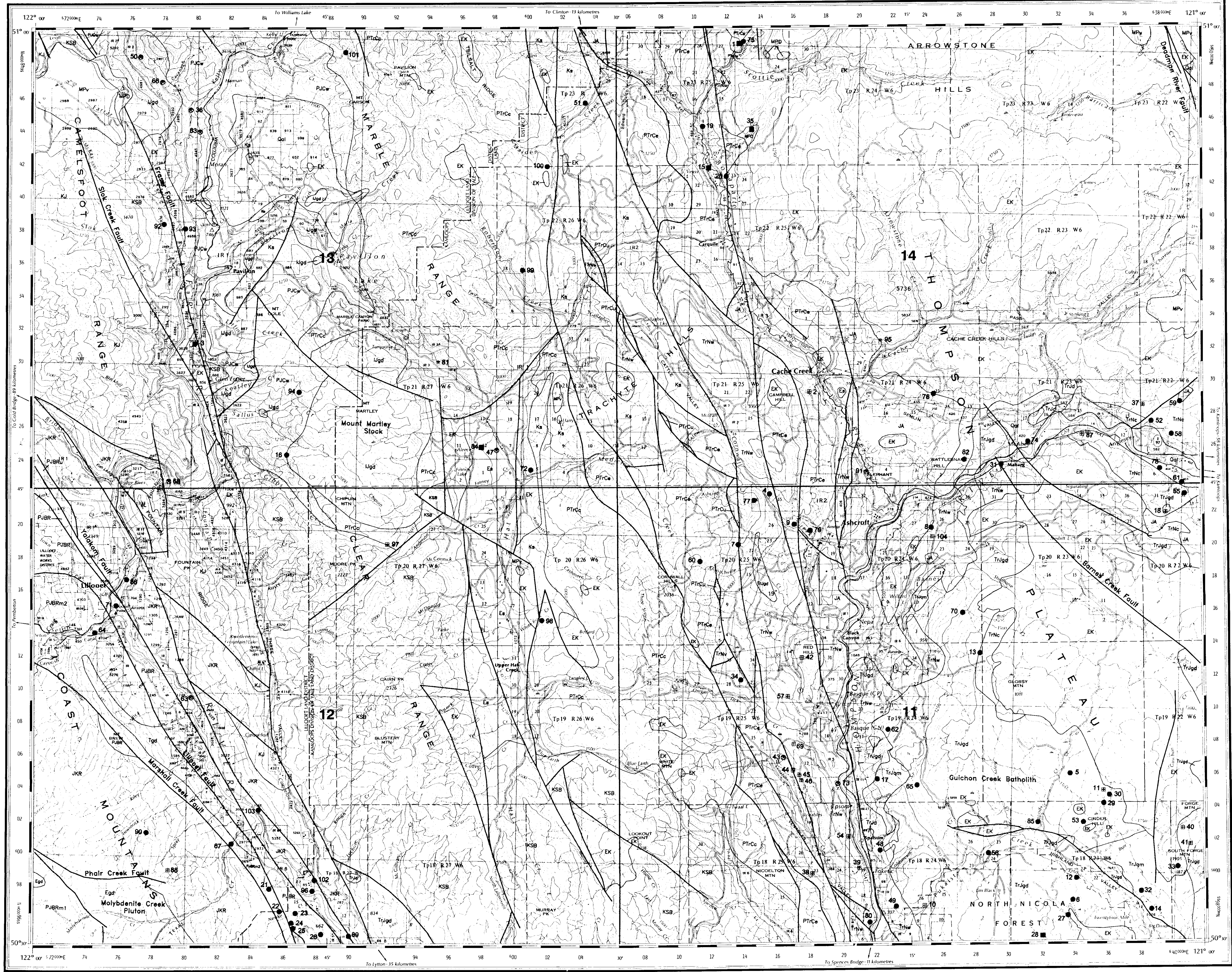


GEOLOGICAL LEGEND

(092INW - ASHCROFT)

- QUATERNARY**
PLEISTOCENE AND RECENT
 Qal Thick drift, alluvium, glaciofluvial and lacustrine deposits, till, colluvium
- TERTIARY**
MIOCENE AND PLEISTOCENE
 MP Plateau basalt, basalt, olivine basalt, minor tuff
 MPd **DEADMAN RIVER FORMATION:** poorly consolidated tuff, breccia, diatomite, sandstone, conglomerate
- Eocene**
 EK **KAMLOOPS GROUP:** mainly basalt and andesite; local rhyolite, breccia, tuff and sandstone
 Es **PRINCETON GROUP:** sandstone, conglomerate, argillite, coal; includes Cowwaven basalt, Hat Creek beds, sandstone, conglomerate near Fraser River
- CRETACEOUS**
MIDDLE AND LATE CRETACEOUS
 KSB **SPENCES BRIDGE GROUP:** intermediate, locally felsic and mafic flows and pyroclastics, sandstone, shale, conglomerate
 Kc Chert-gran sandstone and conglomerate, minor shale; possibly correlative with part of PASAYTEN GROUP
- EARLY AND MIDDLE CRETACEOUS**
 KJ **JACKASS MOUNTAIN GROUP:** sandstone, argillite, conglomerate
- JURASSIC AND CRETACEOUS**
 JKR **RELAY MOUNTAIN GROUP:** argillite, siltstone, sandstone, local conglomerate
- MIDDLE AND EARLY JURASSIC**
 JA **ASHCROFT FORMATION:** argillite, siltstone, sandstone, conglomerate and local minor carbonate
 JL **LADNER GROUP:** argillite, slate, phyllite, tuff
- TRIASSIC AND/OR JURASSIC**
LATE TRIASSIC
NICOLA GROUP (TnV - TnG)
 TnV Volcanics, undifferentiated mafic to felsic volcanics
 TnW Western volcanic facies of NICOLA GROUP; mafic to felsic pyroclastics, argillite, sandstone, local carbonate
 TnG Central volcanic facies of NICOLA GROUP; intermediate, plagioclase, argillite, pyroclastic porphyry pyroclastics, local panned and plagioclase porphyry flows
- PERMIAN TO JURASSIC**
BRIDGE RIVER COMPLEX (PJR - PJBR)
 PJBR Radiolarian chert, argillite, basalt, pillow basalt, local carbonate, gabbro and serpentinite, typically disrupted with broken formation
 PJBRm1 Lower greenschist facies part of BRIDGE RIVER COMPLEX, phyllite, quartzose phyllite, siliceous and chert schist
 PJBRm2 Upper greenschist/lower amphibolite part of BRIDGE RIVER COMPLEX, siliceous schist, andesite schist, local biotite-garnet schist, commonly containing concordant and crosscutting Eocene felsic dikes and sills
 PJBRu Ultramafic rock, local gabbro
- CARBONIFEROUS TO JURASSIC**
CACHE CREEK COMPLEX (PTCa - PTcG)
 PTCa Ultramafic rock, local gabbro
- MIDDLE PERMIAN TO MIDDLE(?) JURASSIC**
 PJcW Western belt of CACHE CREEK COMPLEX; argillite, siltstone, chert, minor carbonate, as well as volcanics; Pavilon beds
- MIDDLE PERMIAN TO LATE TRIASSIC**
 PTCc Central belt of CACHE CREEK COMPLEX; massive carbonate of MARBLE CANYON FORMATION, local thin bedded carbonate, argillite, tuff, minor basalt and chert
- MIDDLE PENNSYLVANIAN TO LATE TRIASSIC**
 PTCe Eastern belt of CACHE CREEK COMPLEX; melange, with radiolarian chert and chert-argillite matrix, blocks of limestone, chert basalt, local ultramafic, and rare felsic volcanics, similar to those in western NICOLA GROUP
- INTRUSIVE ROCKS**
- TERTIARY**
MIOCENE(?) AND/OR OLDER
 Tgd Granodiorite, felsic intrusions, in part Eocene
- Eocene**
 Egd Granodiorite, quartz monzonite; Molybdenite Creek Pluton contains locally abundant septa and slices of meta-sedimentary rock
- JURASSIC AND CRETACEOUS**
 IJgd Granodiorite, quartz monzonite, local diorite (Mount Martley Stock)
- TRIASSIC AND/OR JURASSIC**
 TjJgd Granodiorite, quartz monzonite; initial quartz diorite and diorite, younger porphyry dikes and plugs (Guichon Creek Batholith)
 TjJd Diorite and amphibolite of MOUNT LYTON COMPLEX, small dioritic intrusions in NICOLA GROUP

Geological map and legend compiled from:
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BRITISH COLUMBIA
 Ministry of Energy and Mines
 Energy and Minerals Division
 Geological Survey Branch

Geological Survey Branch
**MINFILE MAP
 NTS 092INW
 ASHCROFT**

This MINFILE release researched and compiled by:
 G. Owslicki

Date Revised: March 1999
 Scale 1:100 000

Total Number of Mineral Occurrences: 104

Status

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

Map Legend - 092INW

092O	092P	082M
092J	092I	082L
092G	092H	082E

MINFILE NUMBER NAME

001	SCOTTIE CREEK	CR	AU	PT
002	OPPENHEIM	CR	BR	
003	GLEN FRASER	CR	BR	
004	CORNWALL CREEK CHROME	CR	CU	
006	NM	CR	MO	
007	ONE TREE CREEK	CR	CU	
008	CORNWALL CREEK	CR	ZN	CU
009	CHILDED	CR	AG	AU
010	CLASHORE	CR	AG	AU
011	CLASHORE	CR	AG	AU
013	HY 81	CR	ZN	
014	CLASHORE	CR	AG	AU
015	MAGGIE	CR	MO	AG
016	SALLUS CREEK (NO. 1 SHOWING)	CR	ZN	PB
017	MAN	CR	ZN	PB
018	SALLUS CREEK	CR	ZN	PB
019	AGATE	CR	MO	AG
020	BISS	CR	MO	AG
021	RUSTY	CR	AG	AG
022	PRICKLES	CR	AG	AG
023	CHERRY 7	CR	AG	AG
024	CHERRY 2	CR	AG	AG
025	MUD	CR	AG	AG
026	SHARON	CR	AG	AG
028	MER	CR	AG	AG
029	OFF	CR	AG	AG
030	BLU 2.4	CR	AG	AG
031	BLU 13.15	CR	AG	AG
032	BLU 13.15	CR	AG	AG
033	BLU 13.15	CR	AG	AG
034	OREGON JACK	CR	AG	AG
035	FERGUSON CREEK	CR	AG	AG
036	BIG SLIDE	CR	AG	AG
037	FAIRVIEW	CR	AG	AG
038	MARTEL	CR	AG	AG
039	BAR'S OWN	CR	AG	AG
040	GETTY WEST	CR	AG	AG
041	HIGHLAND	CR	AG	AG
042	HIGHLAND	CR	AG	AG
043	BASQUE NO. 1	CR	MS	SS
044	BASQUE NO. 2	CR	MS	SS
045	BASQUE NO. 3	CR	MS	SS
046	BASQUE NO. 4	CR	MS	SS
047	HAT CREEK	CR	CL	LS
048	TERRY (FOURSTREAM)	CR	AG	AG
049	TERRY (FOURSTREAM)	CR	AG	AG
050	MAIDEN CREEK	CR	AG	AG
051	MAIDEN CREEK	CR	AG	AG
052	MAIDEN CREEK	CR	AG	AG
053	MAIDEN CREEK	CR	AG	AG
054	SPATSUM	CR	AG	AG
055	CHEF	CR	AG	AG
056	CHEF	CR	AG	AG
057	ALBA	CR	AG	AG
058	QUINTO	CR	AG	AG
059	QUINTO	CR	AG	AG
060	CORNWALL	CR	AG	AG
061	WAL	CR	AG	AG
062	CM	CR	AG	AG
063	FRASER RIVER (LILLOOET)	CR	AG	AG
064	LILLOOET CLAY	CR	AG	AG
065	LILLOOET CLAY	CR	AG	AG
066	FRASER RIVER (CLINTON)	CR	AG	AG
067	TEXAS CREEK	CR	AG	AG
068	FOUNTAIN	CR	AG	AG
069	BASQUE RANCH	CR	AG	AG
070	BLU DOOT TAILINGS	CR	AG	AG
071	UPPER BLUE RIDGE	CR	AG	AG
072	THOMPSON RIVER	CR	AG	AG
073	VALHALLA	CR	AG	AG
074	FERRY RIVER	CR	AG	AG
075	SCOTTIE CREEK	CR	AG	AG
076	FERRY RIVER	CR	AG	AG
077	GENESS	CR	AG	AG
078	WALHALLA LIMESTONE	CR	AG	AG
079	CORNWALL CREEK LIMESTONE	CR	AG	AG
080	MARKET LIMESTONE	CR	AG	AG
081	PAVILION LIMESTONE	CR	AG	AG
082	BATTLEMAN HILL	CR	AG	AG
083	PAVILION	CR	AG	AG
084	PACIFIC BENTONITE	CR	AG	AG
085	FUKAIST CREEK	CR	AG	AG
086	AURUM RIVER	CR	AG	AG
087	RIVERSIDE PYROPHYLLITE	CR	AG	AG
088	SPRAY CREEK	CR	AG	AG
089	FOSTER BAR	CR	AG	AG
090	WEST BLUE RIDGE	CR	AG	AG
091	WEST BLUE RIDGE	CR	AG	AG
092	WEST BLUE RIDGE	CR	AG	AG
093	SALLUS CREEK (NORTH SHOWING)	CR	AG	AG
094	SALLUS CREEK (NORTH SHOWING)	CR	AG	AG
095	MAGRATH PLACER	CR	AG	AG
096	ANDERSON CREEK LIMESTONE	CR	AG	AG
097	LANGLEY LAKE	CR	AG	AG
098	ANDERSON CREEK LIMESTONE	CR	AG	AG
099	MAIDEN CREEK LIMESTONE	CR	AG	AG
100	PAVILION MOUNTAIN	CR	AG	AG
101	WATKINSON	CR	AG	AG
102	WATKINSON	CR	AG	AG
103	LILLOOET TRAVERTINE	CR	AG	AG
104	ASH	CR	AG	AG

OCCURRENCES DELETED/CHANGED FROM PREVIOUS MAP RELEASES

OLD NUMBER	OLD NAME	REASON FOR DELETION/CHANGE
092NW003	Scottie Creek	Same as 092NW001, Scottie Creek
092NW005	Louise	Same as 092NW010, Clakoo
092NW007	Tam	Same as 092NW028, Mer
092NW009	Wess	No evidence of mineralization
092NW010	Wess	No evidence of mineralization
092NW011	Pyrite	No evidence of mineralization
092NW013	Man	Combined with 092NW017, Man
092NW014	Man	Located on 092NE map sheet (Kamloops Lake)
092NW015	Barnsley	Same as 092NW015, Marle
092NW016	MSG	Located on 092SW map sheet (Lyton)
092NW017	Asnocet	No evidence of mineralization
092NW018	Fraser River	Is actually 092NE 04A, Moon Creek Asbestos
092NW019	Local	No evidence of mineralization
092NW020	Cache Creek	No evidence of mineralization
092NW021	Cache Creek	No evidence of mineralization
092NW022	Anderson Creek	Located on 092NW map sheet (Yale)
092NW023	Ashcroft	No evidence of mineralization
092NW024	17 Mile House	Same as 092NW004, Sallus Creek (North Showing)
092NW025	Lillooet Area	No evidence of mineralization
092NW026	Ferguson	Combined with 092NW035, Ferguson Creek

COMMODITY LEGEND

CODE INDEX	COMMODITY INDEX		
AE	Agate	AE	Agate
AG	Aggregate	AT	Anthracite
AU	Gold	AN	Antimony
AY	Amethyst	BE	Bentonite
BN	Bentonite	CH	Chromite
CL	Coal	CR	Chert
CU	Copper	CU	Copper
DI	Diatomite	DI	Diatomite
DO	Dolomite	DO	Dolomite
FE	Iron	AG	Gold
OS	Semiconductors	OP	Optyum
GY	Optyum	HY	Hydroxynite
HM	Jade/Nephrite	HM	Jade/Nephrite
LD	Limestone	LD	Limestone
LS	Limestone	LS	Limestone
MA	Magnesium	MS	Magnesium Sulphate
MS	Magnesium Sulphate	MA	Magnetite
MT	Magnetite	MT	Magnetite
PL	Pyrophyllite	PL	Pyrophyllite
PT	Platinum	PT	Platinum
PH	Phosphorus	PH	Phosphorus
SB	Silver	AG	Silver
SS	Sodium Sulphate	SS	Sodium Sulphate
TR	Travertine	TR	Travertine
ZL	Zenite	ZL	Zenite
ZN	Zinc	ZN	Zinc