GEOLOGICAL LEGEND

STRATIFIED ROCKS

CENOZOIC

QUATERNARY

PLEISTOCENE AND RECENT

Qs	*Thick drift; glaciofluvial and lacustrine deposits, till, colluvium, landslide*
PRv	*"Valley basalt"; vesicular olivine basalt; local felsic to intermediate breccia in Coast Mountains*

TERTIARY

EOCENE

EK	**KAMLOOPS GROUP:** *Mainly basalt and andesite; local rhyolite, breccia, tuff and sandstone*
EP	**PRINCETON GROUP:** *Volcanic flows, volcaniclastics, characterized by hornblende needles*
Es	*Sandstone, conglomerate, argillite, coal*

MESOZOIC

MIDDLE AND LATE CRETACEOUS

SPENCES BRIDGE GROUP

KSB	*Intermediate, locally felsic and mafic flows and pyroclastics; sediments*
KSBs	**SPIUS CREEK FORMATION (formerly Kingsvale Group):** *Mafic volcanics*
Ks	*Chert-grain sandstone and conglomerate, minor shale; possibly correlative with part of PASAYTEN GROUP*

LOWER AND MIDDLE CRETACEOUS

KJ	**JACKASS MOUNTAIN GROUP:** *Sandstone, argillite, conglomerate*

JURASSIC AND CRETACEOUS

RELAY MOUNTAIN GROUP

JKr	*Argillite, siltstone, sandstone, local conglomerate*
JKm	*Phyllite, semischist, local conglomerate*

MIDDLE AND LOWER JURASSIC

JL	**LADNER GROUP:** *Metasediments; tuff*

LATE TRIASSIC

TNw	**NICOLA GROUP:** *Western volcanic facies; pyroclastics, argillite, sandstone, local carbonate*

INTRUSIVE ROCKS

CENOZOIC

MIOCENE(?) AND/OR OLDER

Ti	*Small intrusions of mainly intermediate composition*

EOCENE

Egd	**NICOLA BATHOLITH:** *Granodiorite, quartz monzonite*

MESOZOIC

LATE CRETACEOUS

lKgd,qm	**SCUZZY PLUTON:** *Granodiorite (gd), quartz monzonite (qm)*

TRIASSIC AND/OR JURASSIC

GUICHON CREEK BATHOLITH

TJGb	**BORDER PHASE:** *Quartz diorite to granodiorite*
TJGh	**HIGHLAND VALLEY PHASE:** *Granodiorites*
TJGbm	**BETHLEHEM PHASE:** *Granodiorite with younger porphyry dykes and sills*
TJGba	**BETHSAIDA PHASE:** *Quartz monzonite to granodiorite with younger dykes and plugs*

METAMORPHIC ROCKS

MESOZOIC

EOCENE

Ms	*Garnet-biotite, kyanite and sillimanite schist, local amphibolite*

TRIASSIC AND/OR JURASSIC

MOUNT LYTTON COMPLEX

TJgd	*Granodiorite*
TJd	*Diorite and amphibolite*
TJm	*Layered quartzofeldspathic rock, amphibolite, mylonite*

PALEOZOIC AND/OR MESOZOIC

PERMIAN TO JURASSIC

BRIDGE RIVER COMPLEX

PJBR	*Radiolarian chert, argillite; volcanics; gabbro; serpentinite*
PJBRm1	*Lower greenschist facies, phyllite, schist*
PJBRm2	*Upper greenschist-lower amphibolite facies, schists, commonly containing concordant and cross-cutting Eocene felsic dykes and sills*
PJBRu	*Ultramafic rock, local gabbro*

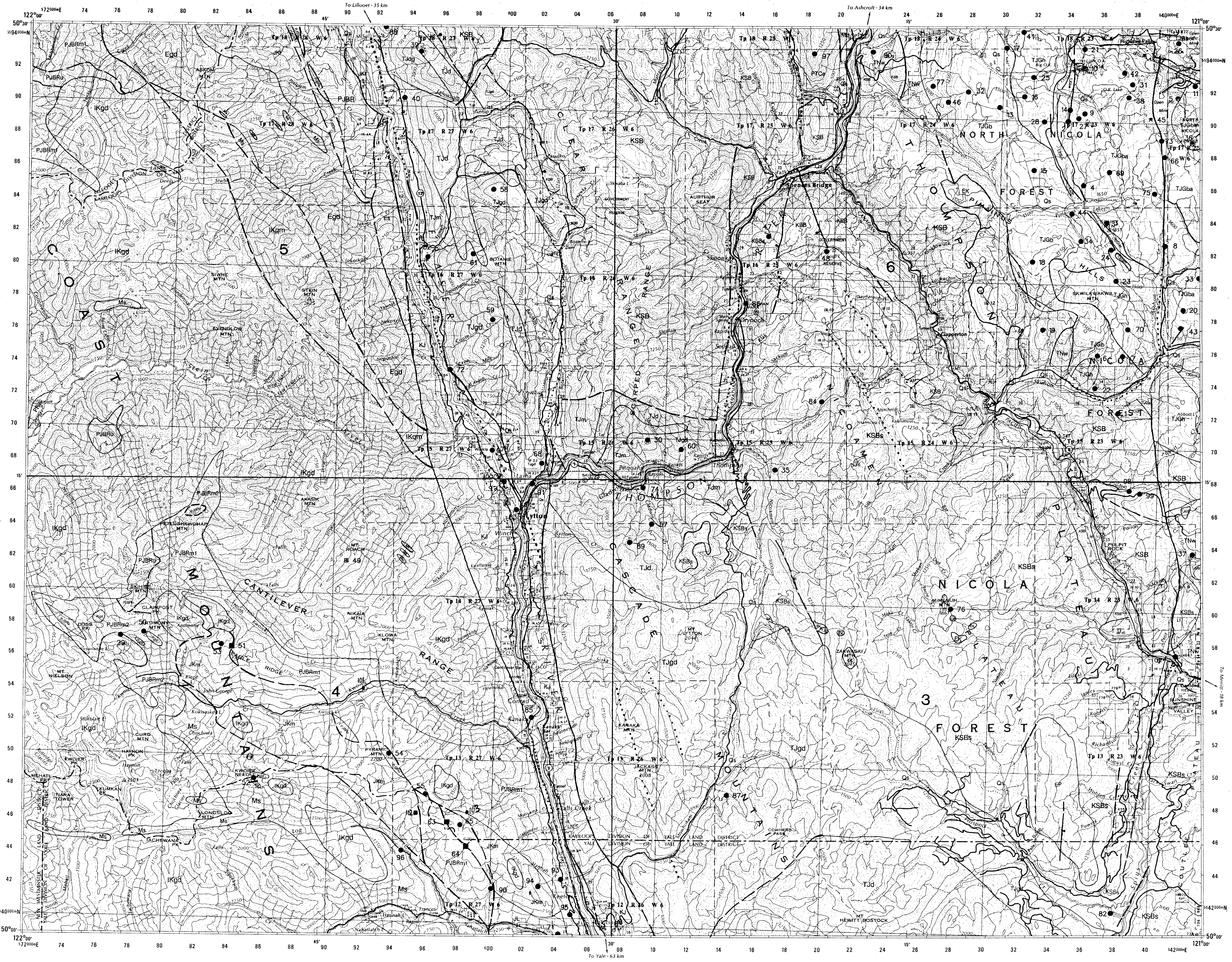
MIDDLE PENNSYLVANIAN TO LATE TRIASSIC

PTCe	**CACHE CREEK COMPLEX:** *Eastern belt; melange, with radiolarian chert, and chert-argillite matrix, blocks of limestone, chert, basalt, local ultramafics, rare felsic volcanics*

Geological legend and base derived from:

Monger, J.W.H. and McMillan, W.J. (1989): *Geology, Ashcroft, British Columbia;* Geological Survey of Canada, Map 42-1989, sheet 1, scale 1:250 000.

McMillan, W.J., Blanchflower, J.D., McAndless, P., Coombs, D., Garvin, P. (1978): *Geology of the Guichon Creek Batholith and Highland Valley Porphyry Copper District, British Columbia;* Ministry of Energy, Mines and Petroleum Resources, Preliminary Map 30, scale 1:100 000.



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

MINFILE MAP 092ISW
LYTTON

MINERAL OCCURRENCE MAP

Scale 1:100 000
(1 cm = 1 km)

km 2 0 2 4 6 8 10 12 14 km

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

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

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

DATE REVISED: **June 1991**
DATE UPDATED : October 1993

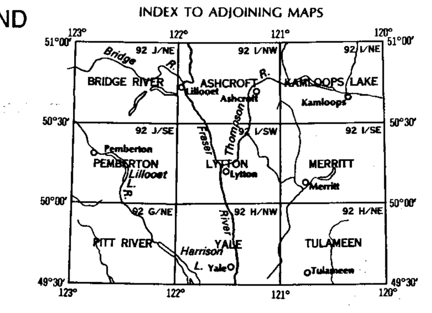
TOTAL NUMBER OF OCCURRENCES: **96**
: 97

LEGEND

STATUS

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

INDEX TO ADJOINING MAPS



MAP LEGEND

MINFILE NUMBER	NAME	COMMODITIES
092ISW001	TAR	CU
092ISW002	NANCY	CU MO
092ISW003	PIM	CU
092ISW004	LAKEN	CU
092ISW005	VICTOR	CU
092ISW006	FIR	CU
092ISW007	JAY 2	CU
092ISW008	RIO	CU
092ISW009	CANA	CU
092ISW010	O.K. (L.3644)	CU AG AU MO PB
092ISW011	DAWN	CU MO
092ISW012	VALLEY	CU MO AU AG PB ZN
092ISW013	NW 48	CU
092ISW014	EMPIRE	CU
092ISW015	LORNA	CU
092ISW016	BAR	CU
092ISW017	KEY	CU MO
092ISW018	BJ	CU
092ISW019	EYE	CU
092ISW020	SAN JOSE	CU
092ISW021	AL	CU
092ISW022	BIN	CU
092ISW023	BIN 1-28 (NORANDA)	CU
092ISW024	FRANK 63	CU
092ISW025	JAN	CU
092ISW026	AYE	CU MO
092ISW027	KATHLEEN (L.5632)	CU MO AU
092ISW028	JON	CU
092ISW029	GREEN GOLD	JD
092ISW030	ROCKY	CU
092ISW031	CALCO	CU
092ISW032	COWBIRD	CU
092ISW033	ALAMO	CU
092ISW034	TAM	CU
092ISW035	T	CU
092ISW036	HIGHMONT WEST	CU MO
092ISW037	MARB 72	CU
092ISW038	ROYAL	CU
092ISW039	ACE 1-8	CU
092ISW040	DIANA	CU
092ISW041	JAC	CU MO
092ISW042	BETHSAIDA	CU MO
092ISW043	BIN 93	CU
092ISW044	NORD	CU
092ISW045	LORNEX	CU MO AG AU ZN PB
092ISW046	TOKETIC	CU
092ISW047	SPENCES BRIDGE	CL
092ISW048	SOAP LAKE	SO SS NC
092ISW049	LYTTON GOLD	AU PB ZN
092ISW050	CLARKE	SB
092ISW051	RAWHIDE	TC MT AB
092ISW052	KWOIEK NEEDLE	SL KY AD GN
092ISW053	GLACIER	AU AG CU
092ISW054	PAYSTREAK	AG AU CU
092ISW055	SERPENTINE	AU AG CU PB
092ISW057	MOLLY B	CU
092ISW058	BOB	CU MO
092ISW059	B & B	CU
092ISW060	KAREN	CU
092ISW061	SPIN	CU
092ISW062	LAURIE	CU ZN
092ISW063	H (NORTH ZONE)	TC MT
092ISW064	H (SOUTH ZONE)	TC MT
092ISW065	H	NI AG CR
092ISW066	KEN	CU MO
092ISW068	RAD	UR
092ISW069	LOREX	CU
092ISW070	LL	CU
092ISW071	KEEFERS	CU NI CO PT PD
092ISW072	ORLEAN	UR CU
092ISW073	BEAR FR.	CU MO
092ISW074	JUNE	AU
092ISW075	CHRIS	CU
092ISW076	COPPER CANYON	CU
092ISW077	PI	CU
092ISW078	VAN WINKLE BAR	PT IR
092ISW080	GYPSUM	GY
092ISW081	CANFORD	GY
092ISW082	PROSPECT CREEK	PE
092ISW083	LYTTON GEMS	JD AE GN
092ISW084	SHAW SPRINGS GEMS	AE
092ISW085	KANAKA BAR GEMS	AE
092ISW086	DIANE	CU NI
092ISW087	PICA	CU AG
092ISW088	ALICE (L.1073)	CU AG
092ISW089	MARION	CU MO
092ISW090	NATCH	AU AG
092ISW091	ROSYD	UR
092ISW092	LYTTON BAR	UR
092ISW093	HANNA (EAST ZONE)	AU AG
092ISW094	HANNA (WEST ZONE)	AG
092ISW095	GOLD	AU AG CU
092ISW096	LUCY	AU
092ISW097	AB	CU
092ISW098	GORDON CREEK COAL	CL
092ISW099	GORDON CREEK	CU HG
092ISW100	COBELDICK DREDGE	AU
092ISW101	EAGLERIDGE	TC
092ISW102	NORTH TALC DEPOSIT	TC MT
092ISW103	JACK	TC

COMMODITY LEGEND

COMMODITY	CODE	CODE	COMMODITY
Agate	AE	AB	Asbestos
Andalusite	AD	AD	Andalusite
Antimony	SB	AE	Agate
Asbestos	AB	AG	Silver
Chromium	CR	AU	Gold
Coal	CL	CL	Coal
Cobalt	CO	CO	Cobalt
Copper	CU	CR	Chromium
Garnet	GN	CU	Copper
Gold	AU	GN	Garnet
Gypsum	GY	GY	Gypsum
Iridium	IR	HG	Mercury
Jade/Nephrite	JD	IR	Iridium
Kyanite	KY	JD	Jade/Nephrite
Lead	PB	KY	Kyanite
Magnesite	MT	MO	Molybdenum
Mercury	HG	MT	Magnesite
Molybdenum	MO	NC	Sodium Chloride
Nickel	NI	NI	Nickel
Palladium	PD	PB	Lead
Perlite	PE	PD	Palladium
Platinum	PT	PE	Perlite
Sillimanite	SL	PT	Platinum
Silver	AG	SB	Antimony
Sodium Carbonate	SO	SL	Sillimanite
Sodium Chloride	NC	SO	Sodium Carbonate
Sodium Sulphate	SS	SS	Sodium Sulphate
Talc	TC	TC	Talc
Uranium	UR	UR	Uranium
Zinc	ZN	ZN	Zinc