

GEOLOGICAL LEGEND

LAYERED ROCKS

MESOZOIC

UPPER CRETACEOUS

SUSTUT GROUP

- Kk KOTANEELI FORMATION: dark grey marine shale, minor sandstone.
- Kd DUNVEGAN FORMATION: massive conglomerate, fine to coarse-grained sandstone, carbonaceous shale (marine and non-marine).

CRETACEOUS

FORT ST. JOHN GROUP

- Ksu SULLY FORMATION: dark grey marine shale, sideritic (marine, includes Upper Cretaceous beds at top).
- Ksa SIKANNI FORMATION: fine-grained grey sandstone, siltstone, shale.
- Kb BUCKINGHAM FORMATION: dark grey marine shale, siltstone, sideritic concretions, minor sandstone (marine).

TRIASSIC

- Tlu LUDINGTON FORMATION: dolomitic siltstone, light grey limestone, dark grey limestone.
- Tl LIARD FORMATION: orange brown dolomitic and calcareous sandstone, siltstone, minor limestone.
- Tt TOAD FORMATION: dark grey calcareous siltstone and shale, minor fine-grained sandstone, minor limestone, includes Grayling Formation.

PALEOZOIC

PERMIAN

- Pf FANTASQUE FORMATION: dark grey chert.
- Pk KINDLE FORMATION: grey-brown, fine-grained calcareous sandstone, siltstone, dark grey shale, includes Stoddart Formation dark shale, siltstone, sandstone east of Stone Range, may include Prophet Formation (M_r).

CARBONIFEROUS TO PERMIAN

- M_r PROPHET FORMATION: limestone, cherty limestone, chert, dolostone, shale, siltstone (marine).

UPPER DEVONIAN

- Db BESA RIVER FORMATION: black, siliceous shale, minor sandstone and pebble conglomerate, barite.

DEVONIAN TO MISSISSIPPIAN

EARN GROUP

- D_{me} Argillite, slaty shale, locally carbonaceous and pyritic, chert arenite and pebble conglomerate, polymictic conglomerate, limestone.

UPPER SILURIAN - MIDDLE DEVONIAN

- Du Undivided Stone (D_s), Wokkash (D_w), and Muncho-McConnell (D_m) formations.
- Dd DUNEDIN FORMATION: medium grey, well-bedded fine-grained limestone, minor calcarenite, rare dolostone (marine).
- Ds STONE FORMATION: light grey, very finely crystalline dolostone, dolostone breccia, dolostone, dolomitic quartz sandstone, quartz sandstone, medium to thick bedded oolite.
- Dw WOKKPASH FORMATION: yellow weathering fine-grained sandstone, dolostone, siltstone, minor solution breccia.
- Dm MUNCHO-McCONNELL FORMATION: medium grey finely crystalline dolostone, sandy dolostone, minor shale and sandstone (marine, may include Upper Silurian beds near base).

LOWER SILURIAN

- Sn NONDA FORMATION: dark grey medium crystalline cherty dolostone, sandstone, minor limestone.

ORDOVICIAN - DEVONIAN

ROAD RIVER GROUP

- Osd Undivided shale, black, graptolitic, mainly Ordovician, siltstone, tan, platy, mainly Silurian, sandstone, calcareous shale.

CAMBRIAN - ORDOVICIAN

KECHIKA GROUP

- Ok Light grey limestone, argillaceous limestone (marine).
- Okg Graptolitic shale.
- Oki Turbidites.
- Oki Limestone, minor sandstone.

CAMBRIAN

ATAN GROUP

- Ica Undivided limestone, quartzite, sandstone, shale.
- Ca Red weathering coarse conglomerate, sandstone, minor limestone.

UPPER PROTEROZOIC

HADRYNIAN

- Hv Quartz chlorite phyllite, metasandstone, quartz pebble conglomerate.

MIDDLE PROTEROZOIC

HELIKIAN

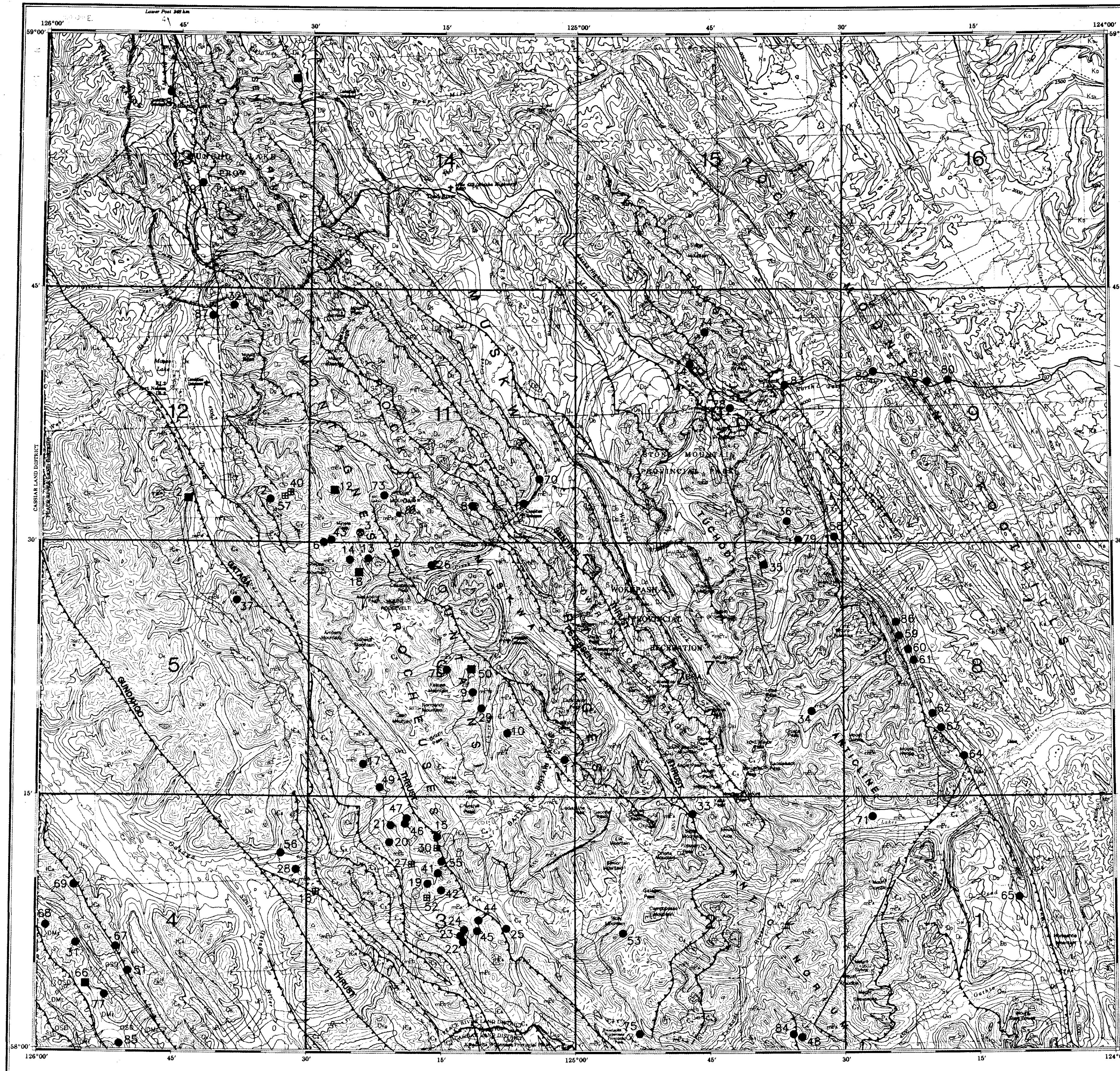
- Hf_g GATAGA FORMATION: carbonaceous mudstone, siltstone, sandstone (marine).
- Hf_a AIDA FORMATION: dolomitic mudstone, siltstone, dolostone, minor chamositic and carbonaceous mudstone, limestone (marine).
- Hf_{tu} TUCHODI FORMATION: dolostone, dolomitic siltstone, sandstone, shale.
- Hf_h HENRY CREEK FORMATION: calcareous mudstone, siltstone, minor sandstone.
- Hf_d GEORGE FORMATION: limestone, dolostone.
- Hf_{ts} TETSA FORMATION: dark grey mudstone, sandstone, minor quartzite.
- Hf_c CHISCHA FORMATION: dolostone, quartzite, minor siltstone.

Geological map and legend adapted from:

Taylor, G.C., and Stott, D.F., 1973, Tuchodi Lakes map-area, British Columbia: Geological Survey of Canada, Memoir 373, 37 pages, 1:125 000.

Machiyne, D., Logan, A., Bellfortaine, K., and Massey, N., 1995, Geological Compilation, Northeast B.C. (NTS 94A, B, C, F, G, H, I, J, K, N, O, P); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1995-6, 1:250 000.

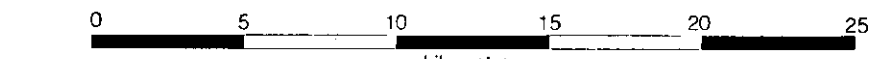
Positions of all geological contacts are approximate. In the case of an apparent disagreement between an occurrence's geological location on the map and its stratigraphic setting given in the MINFILE documentation, the latter should be given priority.



Geological Survey Branch MINFILE MAP NTS 094K TUCHODI LAKES

This MINFILE release researched and compiled by:
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Date Revised: March 1995
Scale 1:250 000



Total Number of Mineral Occurrences: 86

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

94M	94N	94O
94L	94K	94J
94E	94F	94G

MAP LEGEND - 094K

MINFILE NUMBER	NAME	COMMODITIES
001	NONDA CREEK	BA
002	TOAD	CU
003	MAGNUM	CU
004	MILE 397	BA FL
005	BIL	CU
006	RINGAROOMA CREEK	CU
007	KIB	CU
008	LEMJAY	CU
009	CHARCIELL	CU
010	ED	CU
011	ANN	CU
012	ANN	CU
013	MAGNUM CREEK	AG PB CO ZN
014	ANN	CU
015	428 NORTH	CU
016	OUT	CU
017	HD	CU
018	LADY LUCK	CU
019	BOOK 8	CU
020	GATAGA 19	CU
021	GATAGA 9.11	CU
022	CHOPPER 3	CU
023	CHOPPER 3	CU
024	CHOPPER 7.9	CU
025	ENGLE 1	CU
026	JOAN	CU
027	BRINSON	AG AU
028	RED	CU
029	WD	CU
030	428 CENTRAL	BA
031	PICK	BA
032	FROG	BA
033	SAVVO	CU
034	CALLISON	CU
035	STRANOWARD B	CU
036	STRANOWARD A	CU
037	MENDI	CU
038	MUNCHO LAKE	CU
039	ALCAN COPPER	CU
040	SEE 34	CU
041	FJ 105	CU
042	FJ 105	CU
043	JAN	CU
044	P 12	CU
045	P 12	CU
046	D 88	CU
047	D 88	CU
048	FRAM NORTHEAST	AG
049	HD 18	CU
050	TORG	CU
051	DRP NO.3	CU
052	BOOK 3-10	CU
053	LYNDA	CU
054	428 SOUTH	CU
055	DOOD 1-1	CU
056	ANN 1B	CU
057	ANN 1B	CU
058	CTV T-5	BA ZN
059	CTV T-5	BA ZN
060	CTV T-10	BA ZN
061	CTV T-10	BA ZN
062	HOPE 1-14	BA ZN
063	HOPE 1-14	BA ZN
064	CEC 8-2	BA ZN
065	CEC 8-2	BA ZN
066	DRIFFILE CREEK	CU
067	DRP NO.2	CU
068	SANT	CU
069	GRAN	CU
070	GANG	CU
071	DOUG	CU
072	RAM CREEK NO.1	CU
073	WCH	CU
074	STONE	CU
075	WCH	CU
076	JOHN	CU
077	DR	CU
078	MACDONALD CREEK	CU
079	CHISCHA	CU
080	TETSA RIVER	CU
081	TETSA RIVER WEST	CU
082	ALASKA HIGHWAY	CU
083	SUMMIT LAKE	CU
084	FRAM NORTH	CU
085	BDB	CU
086	RE 6	CU
087	TENNY	CU
088	RE 6	CU
089	TENNY	CU
090	CANYON CREEK	C 54

COMMODITY LEGEND

CODE INDEX	COMMODITY INDEX
AG	Silver
AU	Gold
BA	Barite
CO	Cobalt
CU	Copper
DO	Dolomite
FL	Fluorite
GD	Gold
LE	Lead
FL	Fluorite
LS	Limestone
LS	Limestone
MT	Magnetite
PB	Phosphate
PP	Phosphate
SI	Silver
ZN	Zinc