



LEGEND

TERTIARY	MIOCENE
MC	CHILCOTIN GROUP: olivine basalt, columnar flows
Eocene	EE
EOL	ENDAKO GROUP: basalt, andesite
EOLa	OOTS LAKE GROUP (EOL - EOLA)
Egr	andesite, dacite, rhyolite
NSZ	arkosic sandstone, siltstone, coal, rhyolitic lapilli tuff, peat
JBD	biotite ± hornblende granite, granodiorite, quartz-feldspar porphyry and microgranite
NULKI SHEAR ZONE: ductilely deformed FRANK LAKE PLUTON and BROOKS DIORITE COMPLEX	NSZ
EFL	FRANK LAKE PLUTON: biotite granodiorite, granite
MESOZOIC	
CRETACEOUS	
IKLL	LEG LAKE PHASE: granite and granodiorite, pink, fine to medium grained
JURASSIC	
JBD	BROOKS DIORITE COMPLEX: diorite, monzodiorite, monzonite, amphibolite.
JH	HAZELTON GROUP: andesite, rhyolite, basalt, dacite, crystal tuff, flow and breccia; related intrusive rocks, monzonite, monzodiorite, andesite feldspar porphyry.
VANDERHOOF METAMORPHIC COMPLEX (Jvb - Jva)	Jvb
quartz-felspathic schist, amphibolite, biotite-amphibole schist, marble, calc-silicate, quartz; minor granitoid dykes and sills	Jvb
amphibolite, calc-silicate veins?, local diorite dykes and sills.	Jva
STAG LAKE SUITE: gabbro, diorite and quartz monzonite, undivided	mJSL

SYMBOLS

Geological contact (approximate, assumed)
Faults unknown (assumed)
Roads (primary, secondary, tertiary)
Contour
Map scale outcrops
MINFILE localities
Note: All structural readings taken from map scale and smaller outcrops
Bedding (tops unknown)
Lineation (first phase)
Lineation (second phase)
Fault (unknown generation)
Foliation, Cleavage (first phase)
Foliation, Cleavage (second phase)
Fold axis
Axial Plane

MINFILE LOCALITIES AND MINERAL DEPOSIT PROFILE CODES											
MINFILE NO.	CURRENT NAME	STATUS	COMMUNITY	UTM EASTING	UTM NORTHING	LOCATION	1:50 NTS	PROFILE CODE	DEPOSIT TYPE	DEPOSIT CLASS (DOMINANT)	DEPOSIT CLASS (MINOR)
23	FINGER LAKE	SHOW	Fe	416764	5938128	1 km	093F09W	-	-	REPLACEMENT	INDUSTRIAL MIN.
34	TAT	SHOW	Cu	420398	5928792	500m	093F09E	-	-	HYDROTHERMAL	PORPHYRY
49	MOUNT GREER	SHOW	Cl	402910	5968654	1 km	093F16W	A02	LIGNITIC COAL	SEDIMENTARY	-

Commodity abbreviations: Cl = Coal, Cu = Copper, Fe = Iron
From: Bailey, D.G., Jackobson, D.E., and Lane, R. (1995). MINFILE 093F Nechako River Mineral Occurrence Map; B.C. Ministry of Energy, Mines, and Petroleum Resources MINFILE, revised March 1995

KEY TO MINERAL DEPOSIT PROFILE CODES			
PROFILE CODE	B.C. DEPOSIT TYPE	APPROXIMATE SYNONYM(S)	GLOBAL EXAMPLES
			B.C. EXAMPLES
A02	LIGNITIC COAL	"BROWN COAL"	ESTEVAN (SASKATCHEWAN) SKOMUN POINT (GRAHAM ISLAND)

From: D.V. Lefebvre and I. Hoy, (editors), 1996, Selected British Columbia Mineral Deposit Profiles, Volume 2 - Metallic Deposits, B.C. Geological Survey Branch, Open File 1996-13, Appendix 1.

Geology by R. Friedman (1979), R. L'Heureux (1996), L.C. Strilk (1995-96), H.W. Tipper (1949-53), and S. Wetherup (1995-96)

Geological compilation by S. Wetherup

Digital cartography by S.P. Williams and H.J. Zabaneh

Discussions and review of an earlier version of the map by R.G. Anderson

Digital base map from Geomatics Canada published at a different scale. Generalized and modified by the Geological Survey of Canada.

Copies of the topographic version of this map may be obtained from the Canada Map Office, Natural Resources Canada, Ottawa, Ontario K1A 0E9

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Magnetic declination 22°32' East, decreasing 8.5' annually. Readings vary from 22°44' E in the NW corner to 22°21' E in the SE corner of the map.

North American Datum 1927

Elevation in feet above mean sea level

Contour interval 500 feet

NATMAP
CARTNAT

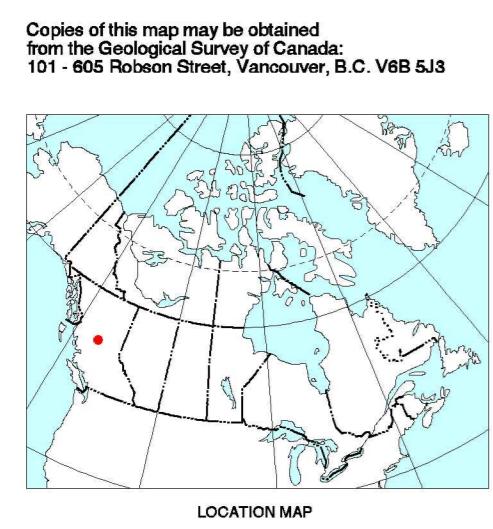
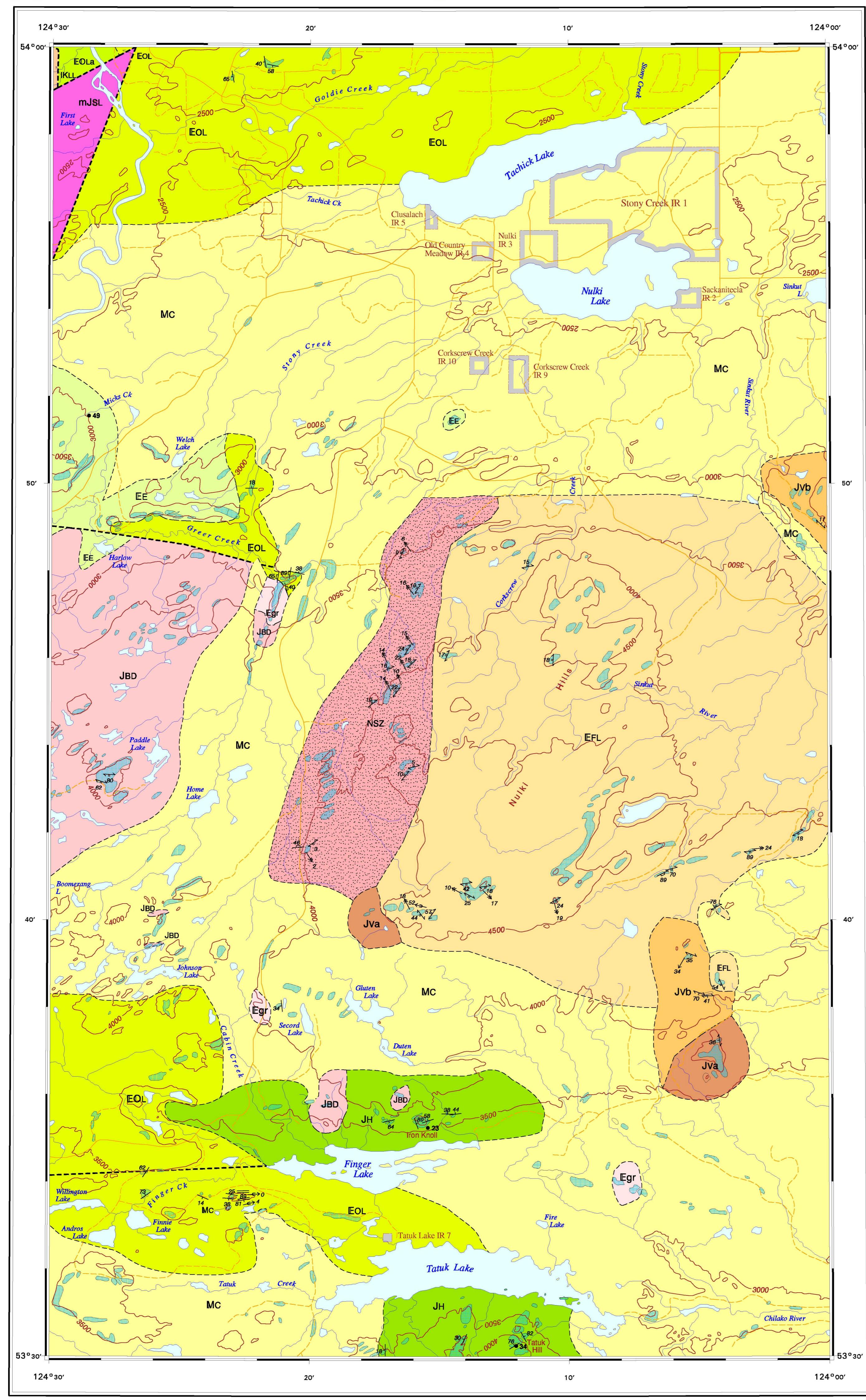
Canada's National Geoscience Mapping Program
La Programme national de cartographie géoscientifique du Canada

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GEOLOGICAL SURVEY OF CANADA	COMMISSION GÉOLOGIQUE DU CANADA	OTTAWA	July 1, 1998
scale 1:100 000	scale 1:100 000	scale 1:100 000	scale 1:100 000

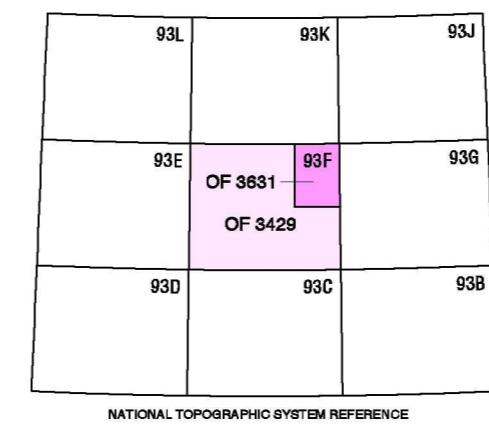
Recommended citation:
Wetherup, S., 1998, Bedrock Geology of the Nulki Hills (93F/9 and 16) map area, British Columbia; Geological Survey of Canada, Open File 3631, scale 1 : 100 000

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OPEN FILE 3631
BEDROCK GEOLOGY
NULKI HILLS
BRITISH COLUMBIA
Scale 1:100 000 - Échelle 1/100 000
Transverse Mercator Projection CM 124°15', Scale Factor 0.9998
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