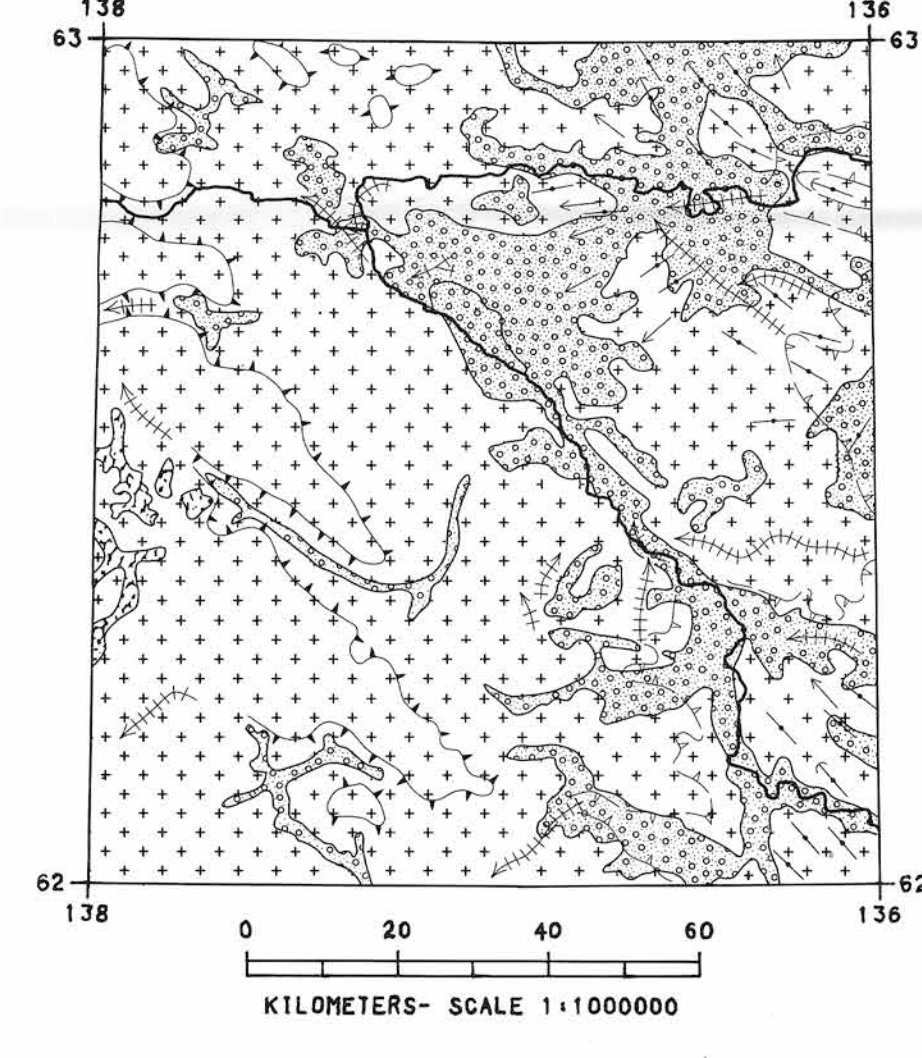
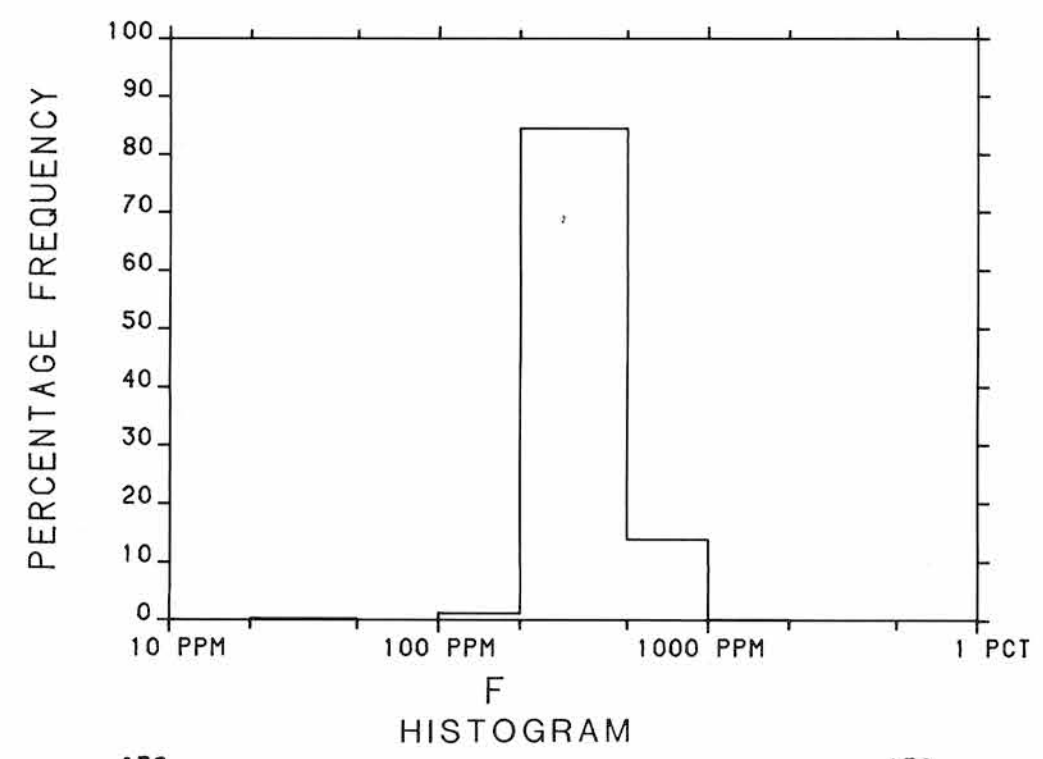
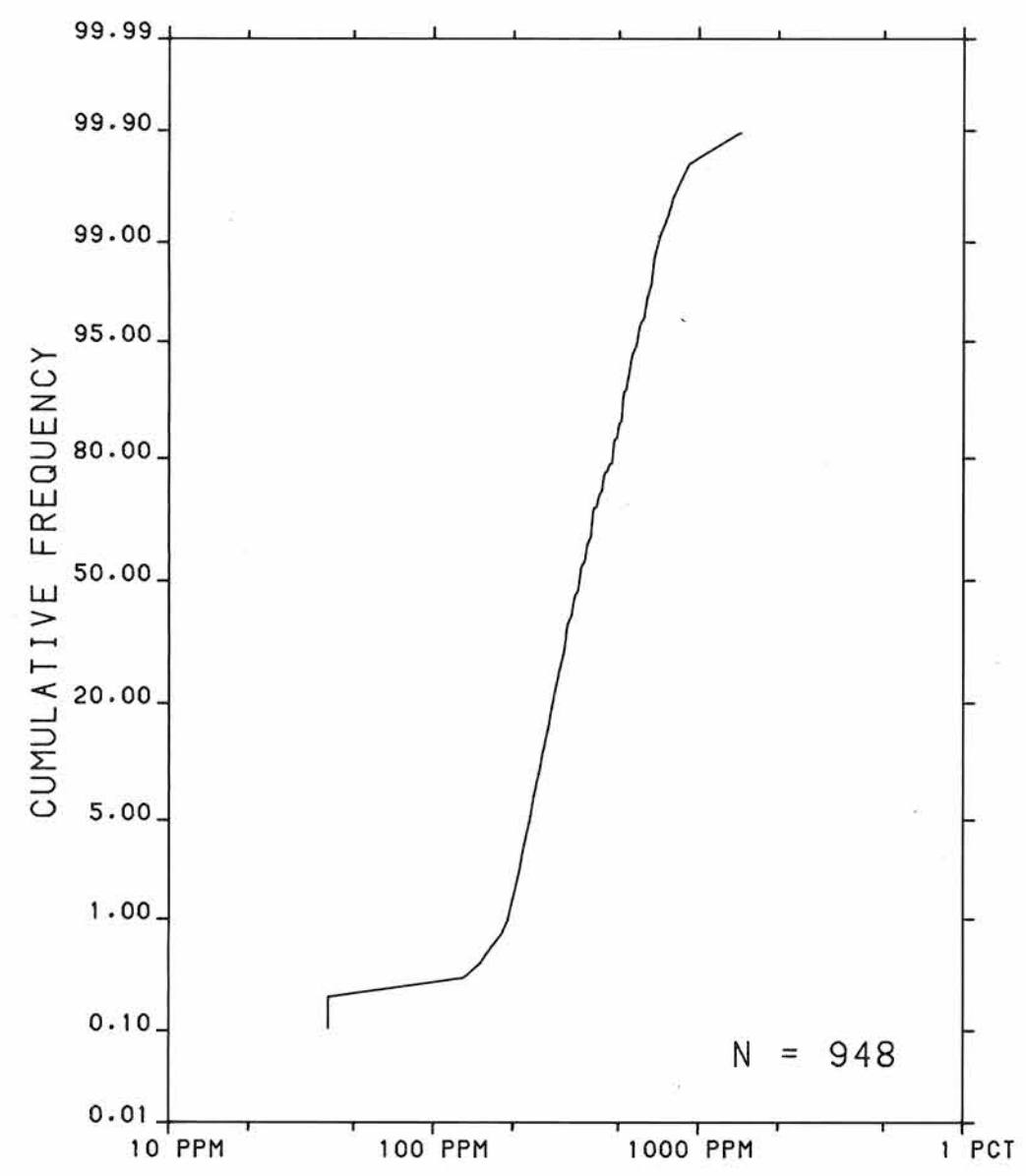
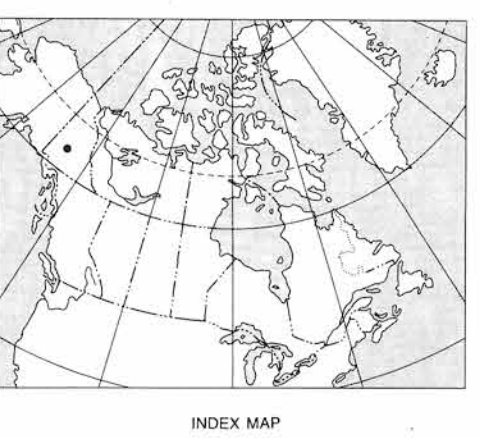
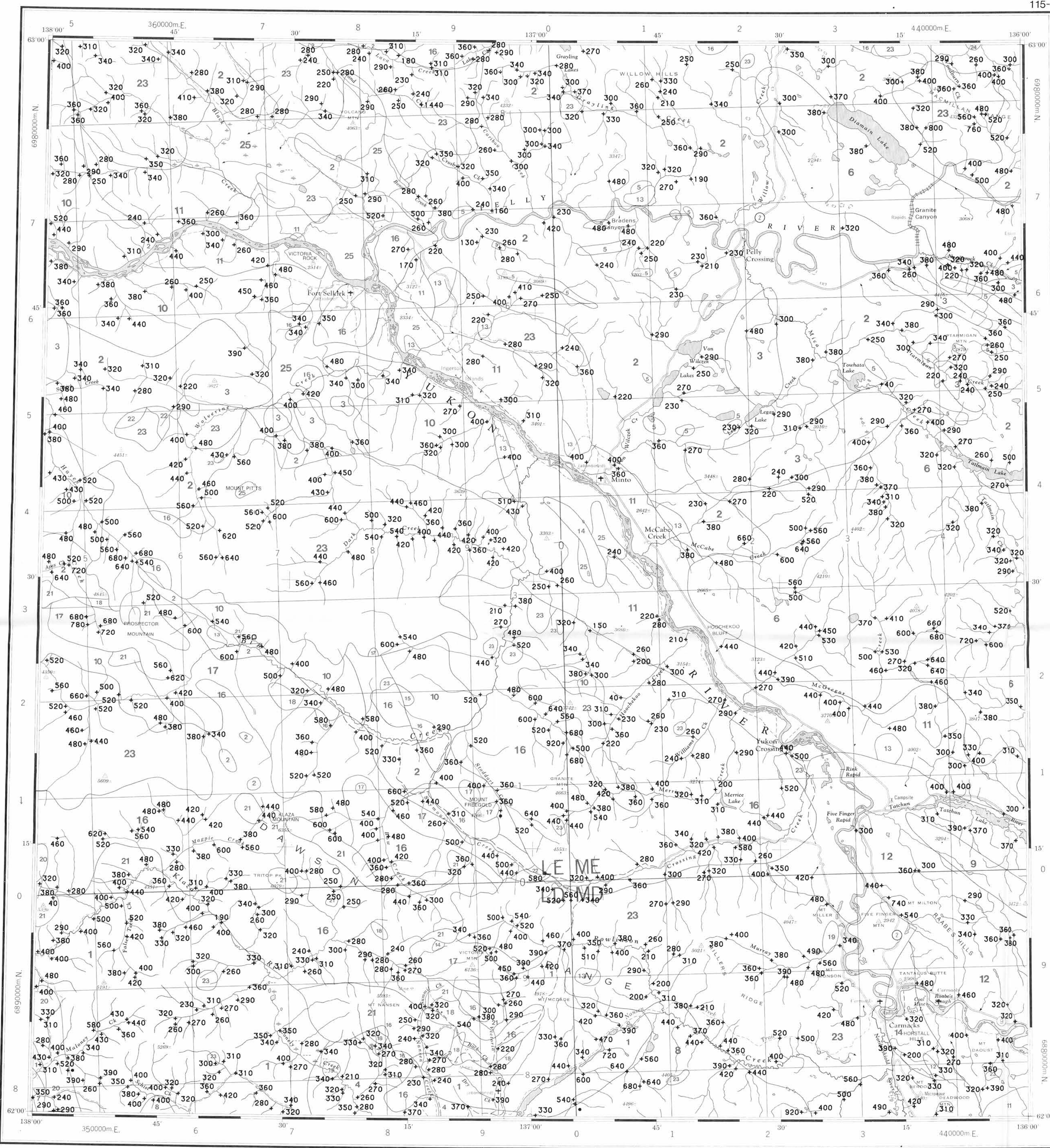


The regional geochemical trend map displayed above utilized a moving weighted average using an inverse distance function (1/d²) to filter out minor irregularities and emphasize broad-scale regional features. Single point anomalies may be suppressed or eliminated, however, geological units which are chemically enriched, or large metallic deposits undergoing weathering would be expected to produce identifiable anomalies.



- Undivided surficial deposits; alluvium, glacial till and moraine, outwash and ice contact deposits, volcanic ash, loess, colluvium
 - Glaciers and permanent snowfields
 - Bedrock exposures; includes discontinuous veneer of undivided glacial drift
- SYMBOLS**
- Surficial deposit boundary
 - Limit of Pre-Reid ice advance
 - Limit of McConnell (Ruby) ice advance
 - Meltwater channels, outwash deposits, indicating direction of flow
 - Glaciation lineation parallel to ice flow direction, includes fluting, crag and tail, roches moutonnées and drumlinoid forms, direction of flow indicated
 - Drumlinoid form, direction of movement inferred, not inferred

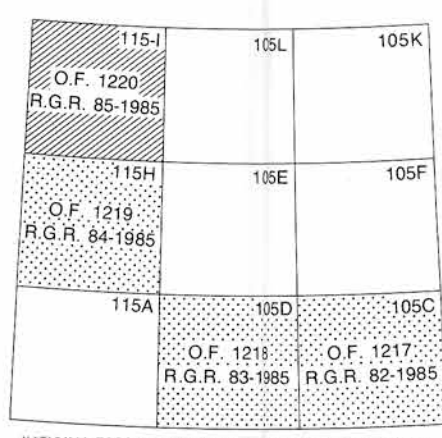
Sources of information:
Bostock, H.S. (1936) Geology - CARMACKS SHEET, Yukon Territory, Canada
Department of Mines, Bureau of Economic Geology, Geological Survey, Map 340A (1:253,440 scale)
Hughes, O.L., Campbell, R.B., Muller, J.E., and Wheeler, J.O. (1968) Glacial Map of Yukon Territory, Geological Survey of Canada, Map 6-1968, (1:1 000 000 scale) to accompany GSC Paper 68-34
Prest, V.K., Grant, D.R., and Rampton, V.N. (1967) Glacial Map of Canada, Geological Survey of Canada (1:5 000 000 scale)



FLUORINE (ppm)
GSC OPEN FILE 1220
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 85-1985
CANADA-YUKON
MINERAL DEVELOPMENT AGREEMENT (1984-89)
STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY
SOUTHERN YUKON TERRITORY, 1985

Scale 1:250 000
Kilometres 0 5 10 15 20 Kilometres
Universal Transverse Mercator Projection
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Base map at the same scale published by the Surveys and Mapping Branch in 1974. Streams were revised by the Geological Survey of Canada for this edition.



LEGEND

QUATERNARY	RECENT	SELKIRK GROUP	25 RS 64*	Basalt, andesite flows, breccia, tuff
TERTIARY	LATE TERTIARY	24 LTG 62	Rhyolite porphyry, granite, granodiorite	
	OLIGOCENE AND MIOCENE	CARMACKS GROUP	23 OMCV 60	Andesite, basalt, breccia
	OLIGOCENE	CARMACKS GROUP	22 OCS 60	Conglomerate, sandstone, shale
	Eocene	MOUNT NANSEN GROUP	21 ENM 59	Acid to intermediate tuff, breccia
	LOWER TERTIARY	20 TFP 58	Feldspar porphyry dykes, flows	
	EARLY TERTIARY	19 TVB 58	Basalt	
	18 ETF 57	Granite and syenite porphyry, rhyolite		
CRETACEOUS	17 KY 52	Syenite, monzonite		
	16 KQM 52	Quartz monzonite, granodiorite; CASSIAR quartz monzonite, alaskite		
JURASSIC AND CRETACEOUS	DEZADEASH GROUP	15 JKD 51	Argillite, greywacke, conglomerate, volcanics	
	14 JKT 51	TANTALUS: Conglomerate, siltstone, arkose, coal		
	13 JKD 51	Diorite, hornblende diorite		
JURASSIC	LABERGE GROUP	12 JL 47	Greywacke, arkose, conglomerate	
TRIASSIC	11 TV 42	Basaltic greenstone		
	10 TGM 42	Foliated hornblende granodiorite, quartz		
UPPER TRIASSIC	LEWES RIVER GROUP	9 UTC 45	Limestone	
MESOZOIC UNDIVIDED	8 MQM 41	Porphyritic quartz monzonite		
	7 MGD 41	Granodiorite, quartz monzonite		
	6 MGD 41	Foliated hornblende granodiorite, quartz monzonite		
PALEOZOIC UNDIVIDED	5 PC 09	Limestone		
	4 PM 09	Amphibolite, schist, gneiss		
	3 PGDN 09	PELLY GNEISS: Foliated to gneissic granodiorite		
CARBONIFEROUS AND PERMIAN	2 CPSN 35	Schist, gneiss, includes BIG SALMON METAMORPHIC COMPLEX		
HADRYNIAN AND CAMBRIAN	1 HCSN 08	Schist, gneiss, quartzite		

*A mnemonic code assigned to rock types and recorded as part of field observations

Geological boundary
Fault
No analytical result

Geological base and legend are derived from: Map 1398A, MACMILLAN RIVER, YUKON - DISTRICT OF MACKENZIE - ALASKA, NTS SHEET 105, 115. Compiled by H. Gabrielse, D.J. Tempelman-Kluit, S.L. Blusson and R.B. Campbell, Geological Survey of Canada, Energy, Mines and Resources Canada, 1980. 1:1 000 000 scale