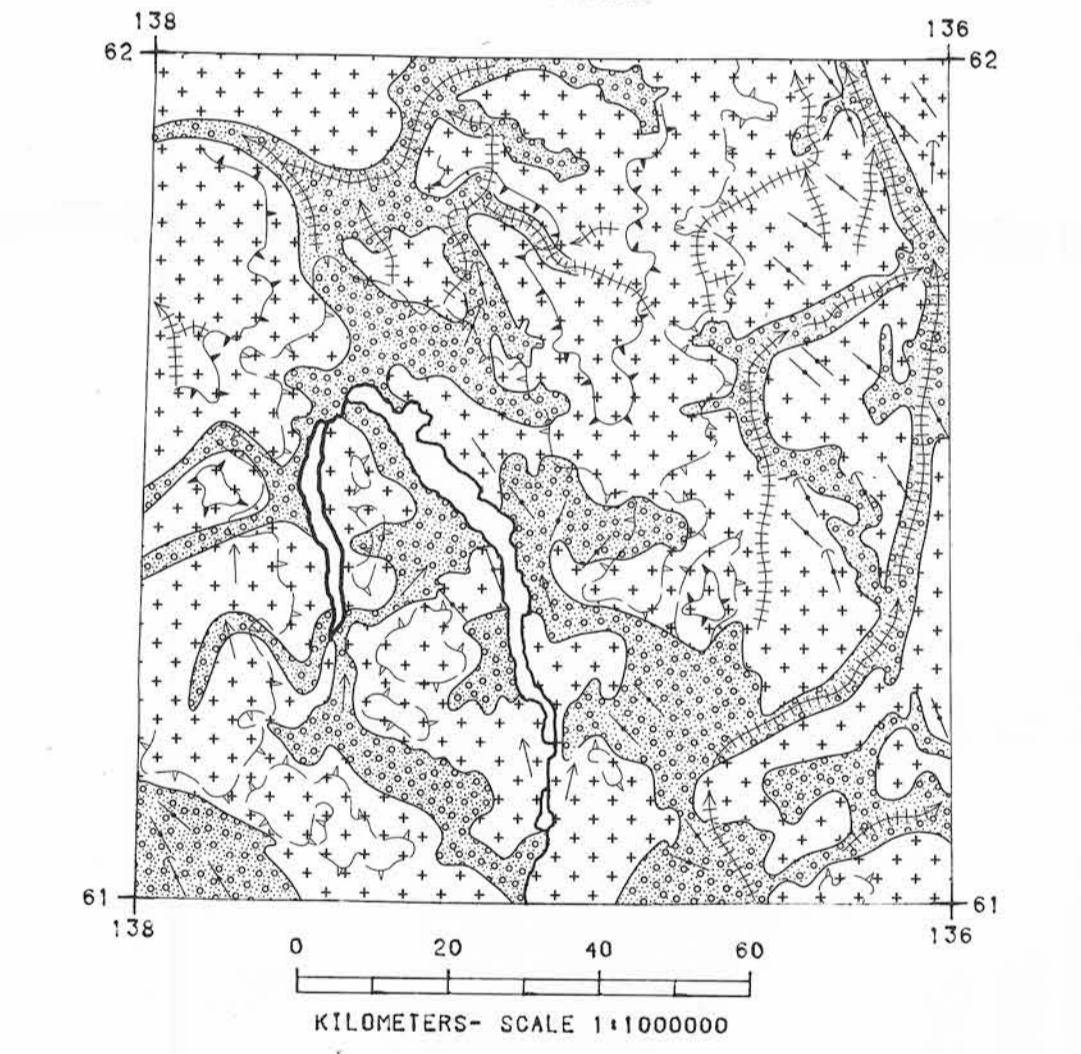
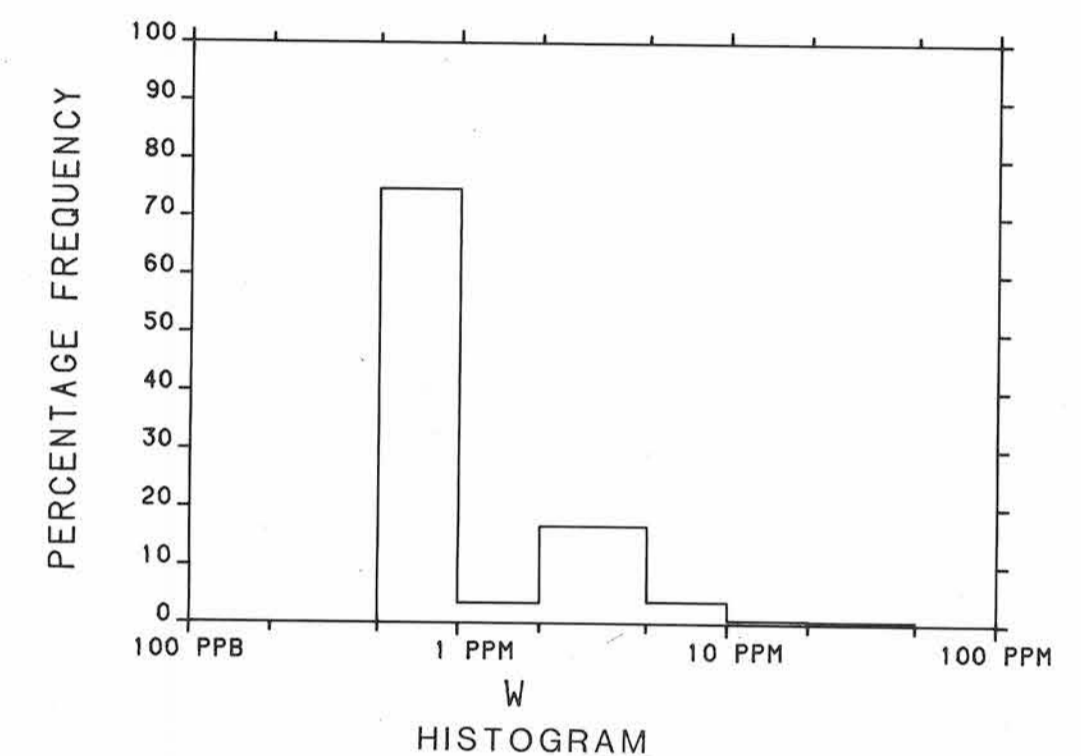
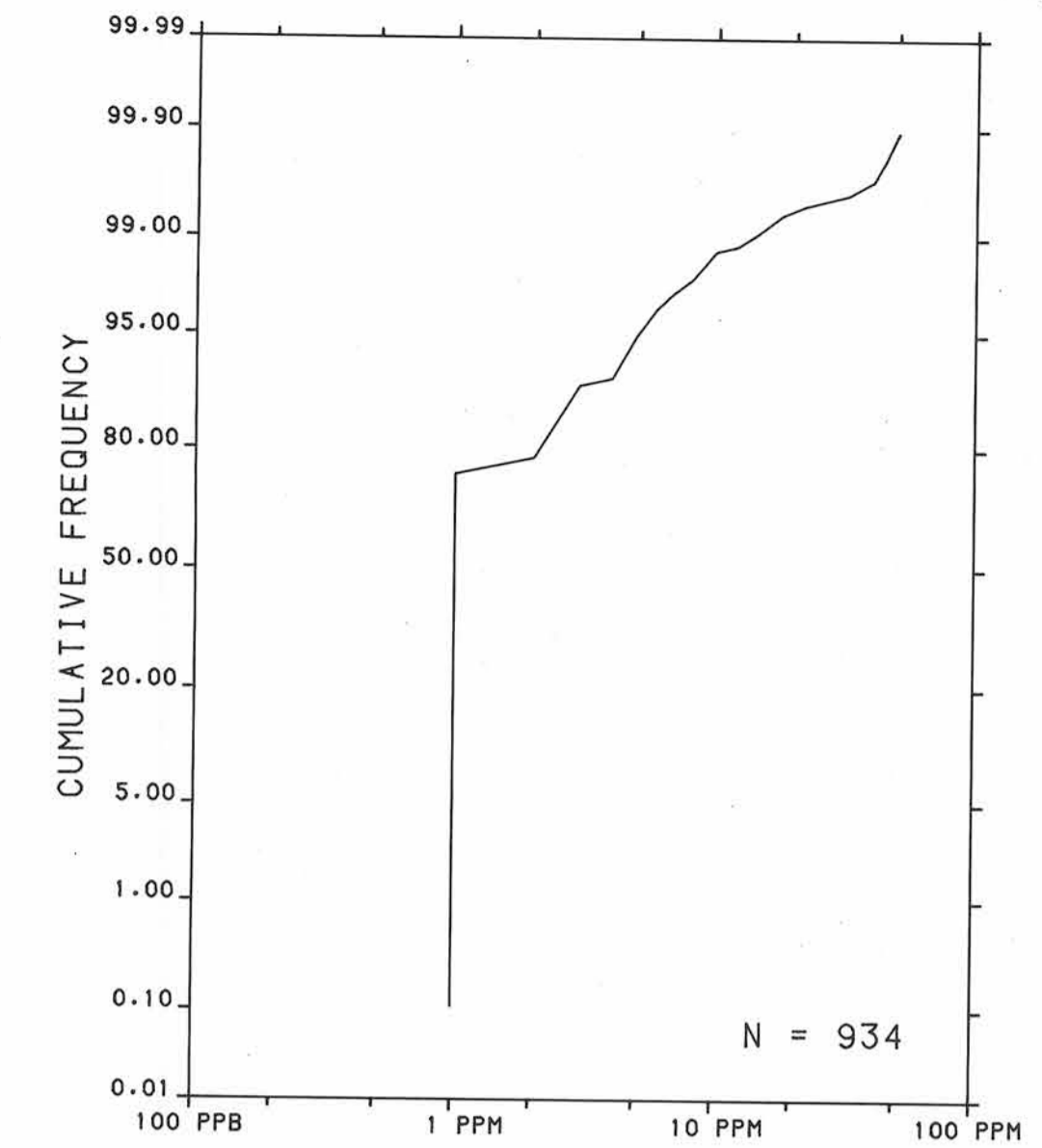
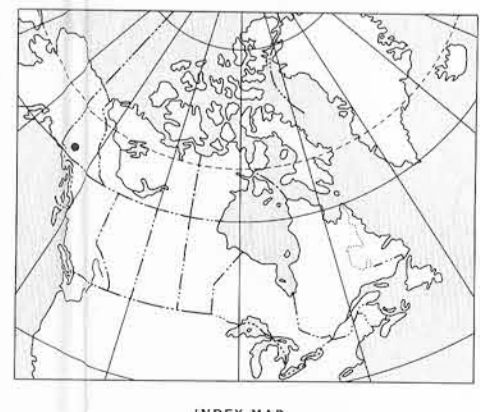


The regional geochemical trend map displayed above utilized a moving weighted average using an inverse distance function (1/d<sup>2</sup>) to filter out minor irregularities and emphasize broad-scale regional features. Single point anomalies may be suppressed or eliminated, however, geological units which are chemically enriched, or large metallic deposits undergoing weathering would be expected to produce identifiable anomalies.



- SYMBOLS**
- Undivided surficial deposits; alluvium, glacial till and moraine, outwash and ice contact deposits, volcanic ash, loess, colluvium
  - Bedrock exposures; includes discontinuous veneer of undivided glacial drift
- 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:  
 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)  
 Tempelman-Kluit, D.J. (1973) Geology - AISHIHIK LAKE, Yukon Territory, Geological Survey of Canada, Map 17-1973, (1:250 000 scale) to accompany Paper 73-41



Elevation in feet above mean sea level

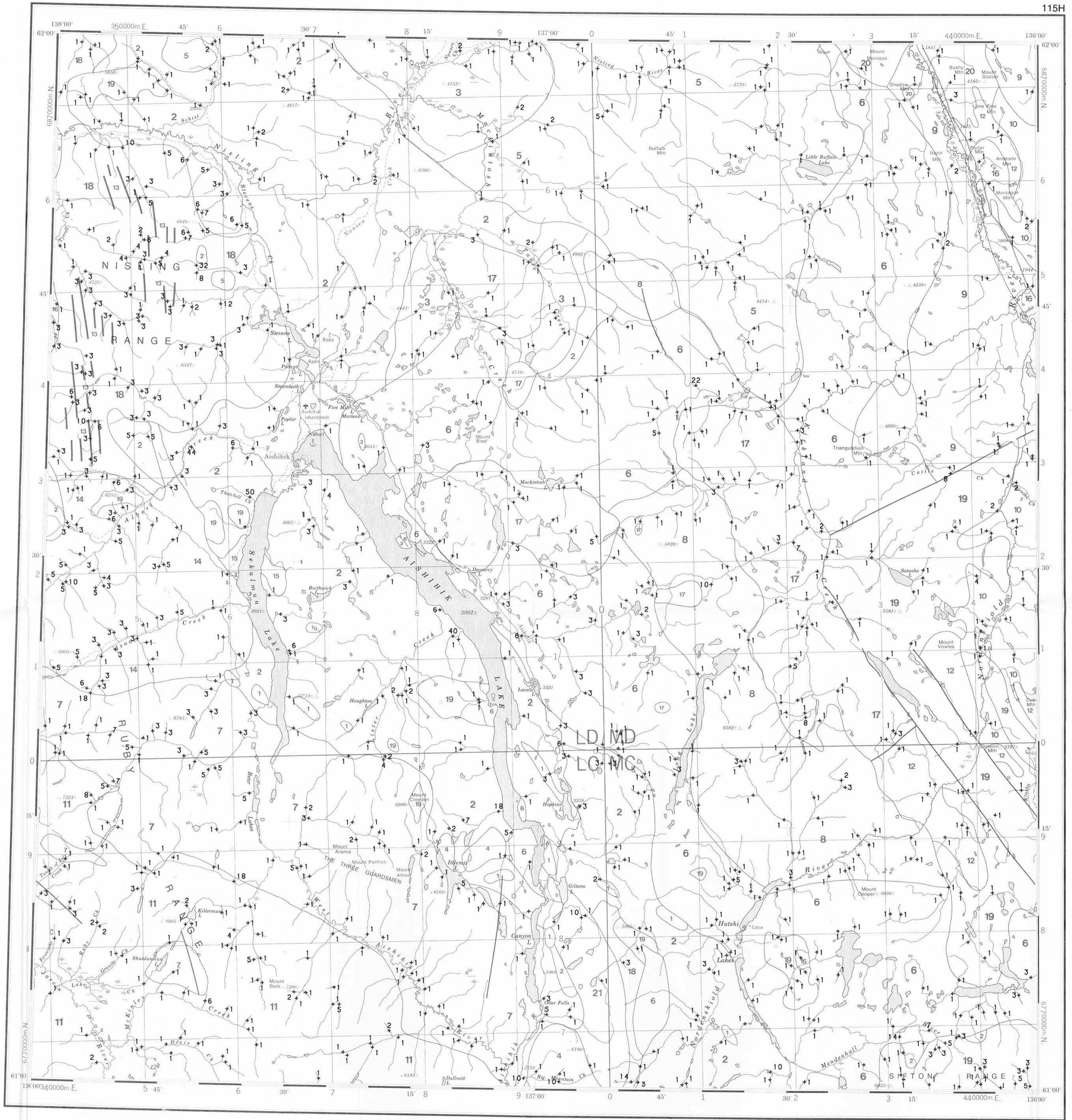
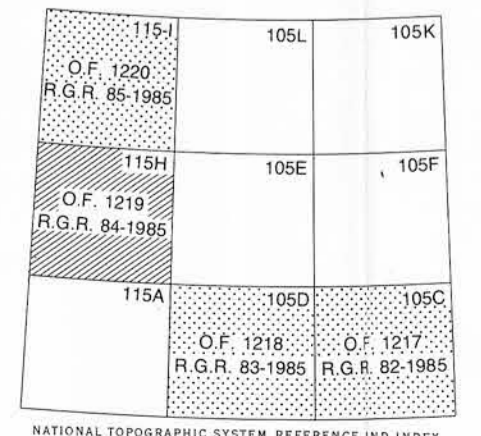
Mean magnetic declination 1986, 29°39' East, decreasing 13.4' annually. Readings vary from 29°29' E in the SE corner to 29°48' E in the NW corner of the map area

**TUNGSTEN (ppm)**  
 GSC OPEN FILE 1219  
 REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 84-1985  
 CANADA-YUKON  
 MINERAL DEVELOPMENT AGREEMENT (1984-89)  
 STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY  
 SOUTHERN YUKON TERRITORY, 1985

Scale 1:250 000

Universal Transverse Mercator Projection  
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Base map at the same scale published by the Surveys and Mapping Branch in 1971  
 Streams were revised by the Geological Survey of Canada for this edition



**LEGEND**

CENOZOIC	TERTIARY		
	LATE TERTIARY	21	LTG 62* Rhyolite porphyry, granite, granodiorite
	OLIGOCENE AND MIOCENE		
	CARMACKS GROUP		
	EOCENE	20	OMCV 60 Andesite, basalt, breccia
	MOUNT NANSEN GROUP		
	EMN 59	19	Acid to intermediate tuff, breccia
	LOWER(?) TERTIARY		
	TFP 58	18	Feldspar porphyry dykes and flows
	TVA 58	17	Acid tuff
TVD 58	16	Andesite, porphyritic basalt flows and dykes	
EARLY TERTIARY			
ETGA 57	15	Alaskite, granite, quartz monzonite	
ETQM 57	14	Granite, quartz monzonite	
FPP 57	13	Feldspar porphyry dykes	
JURASSIC AND CRETACEOUS			
JKT 51	12	TANTALUS: Conglomerate, siltstone, arkose, coal	
JKK 51	11	KLUANE: Sericitic to biotitic schist, gneiss, amphibolite	
JURASSIC			
LABERGE GROUP			
JL 47	10	Greywacke, arkose, conglomerate	
TRIASSIC			
TV 42	9	Basaltic greenstone	
TQM 42	8	Leucocratic, porphyritic quartz monzonite	
TGD 42	7	RUBY RANGE: Granodiorite	
TGDN 42	6	Foliated hornblende granodiorite, quartz	
MESOZOIC UNDIVIDED			
MQM 41	5	Porphyritic quartz monzonite	
MDI 41	4	Diorite	
PALEOZOIC UNDIVIDED			
PM 09	3	Amphibolite, schist, gneiss	
HADRYNIAN AND CAMBRIAN			
HCSN 08	2	Schist, gneiss, quartzite	
HADRYNIAN			
HC 07	1	Crystalline limestone	

\*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 1399A, 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