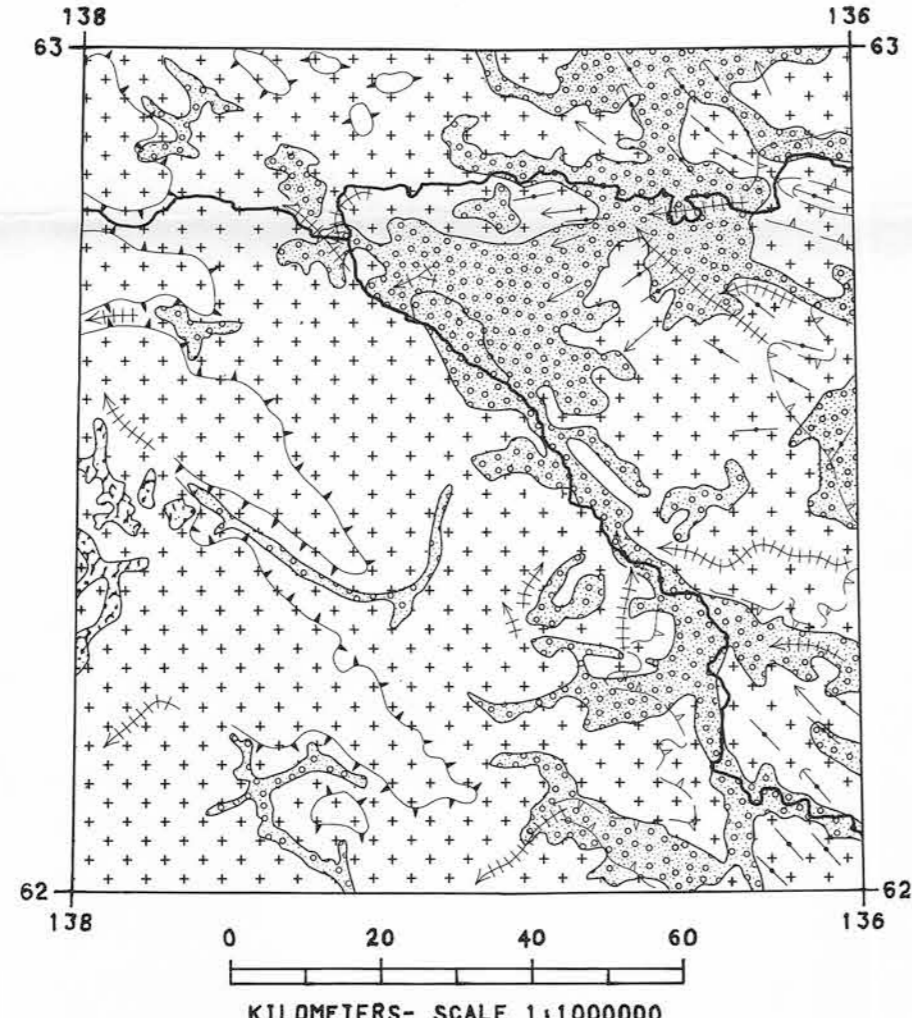
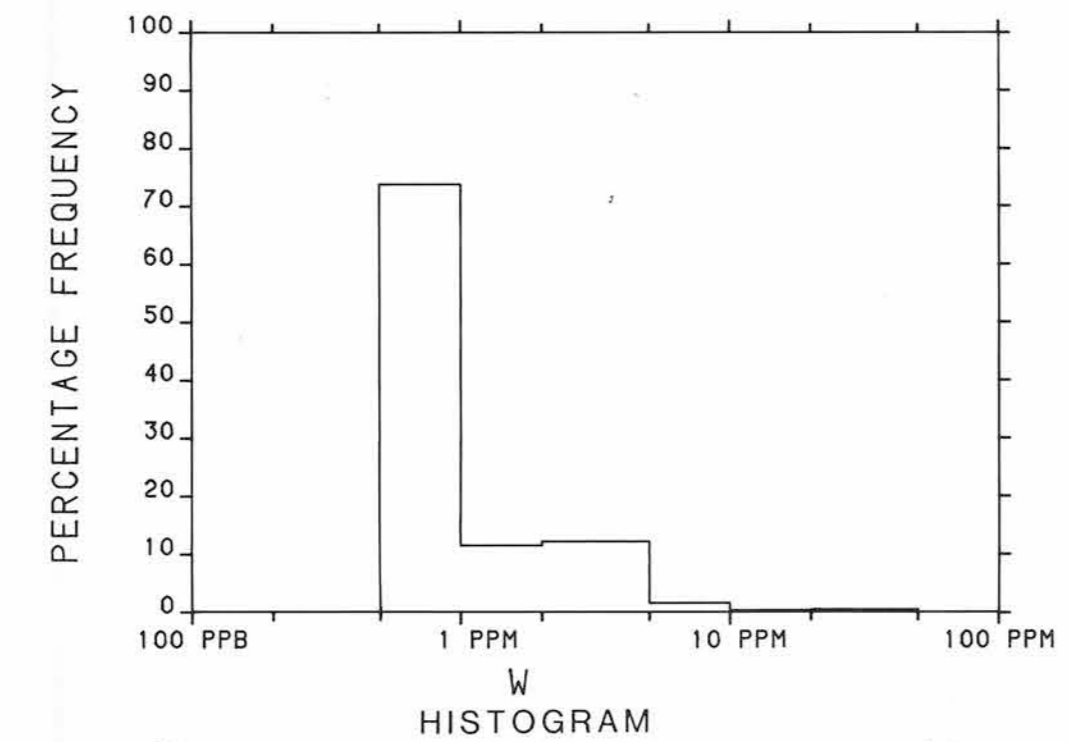
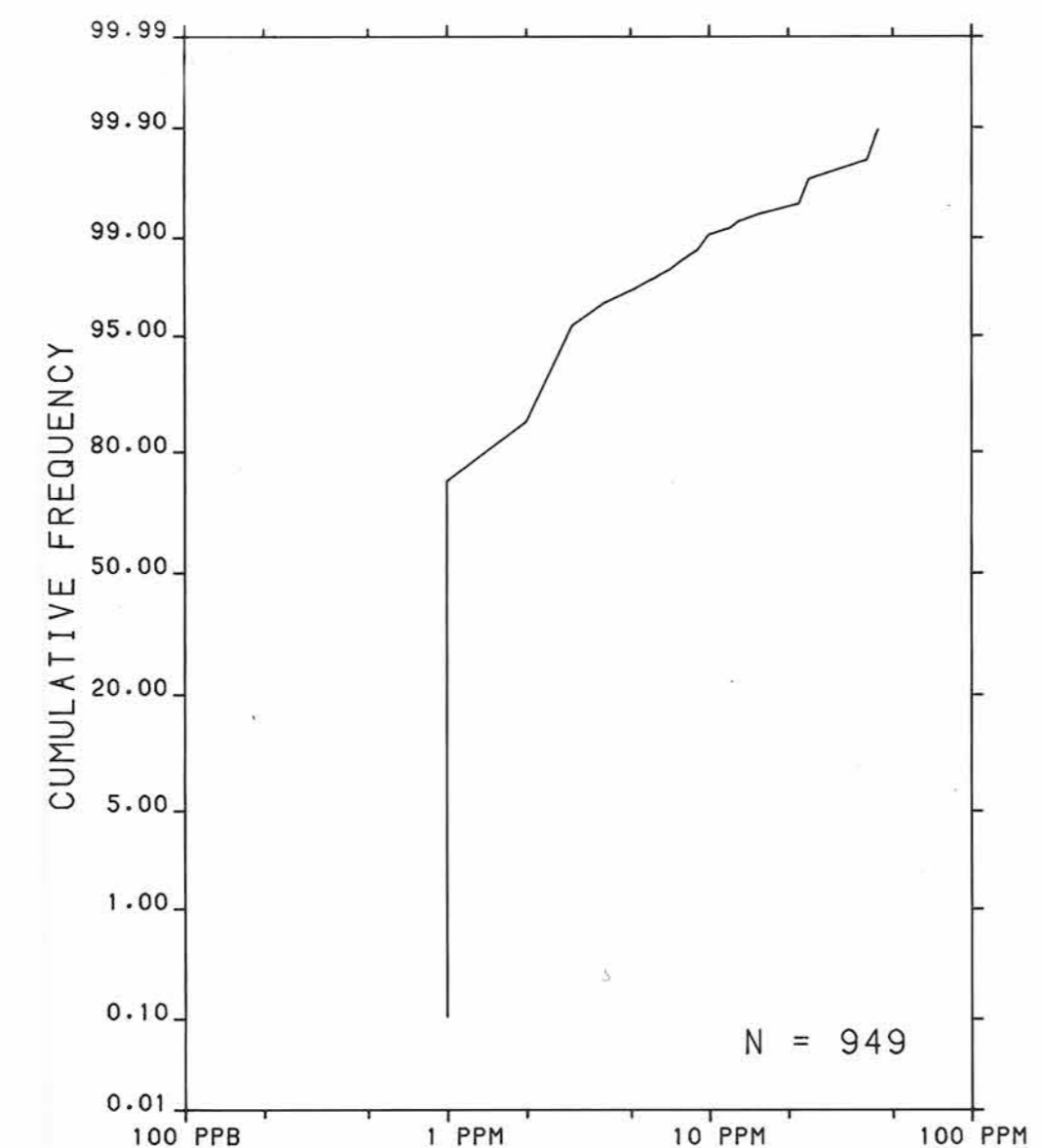


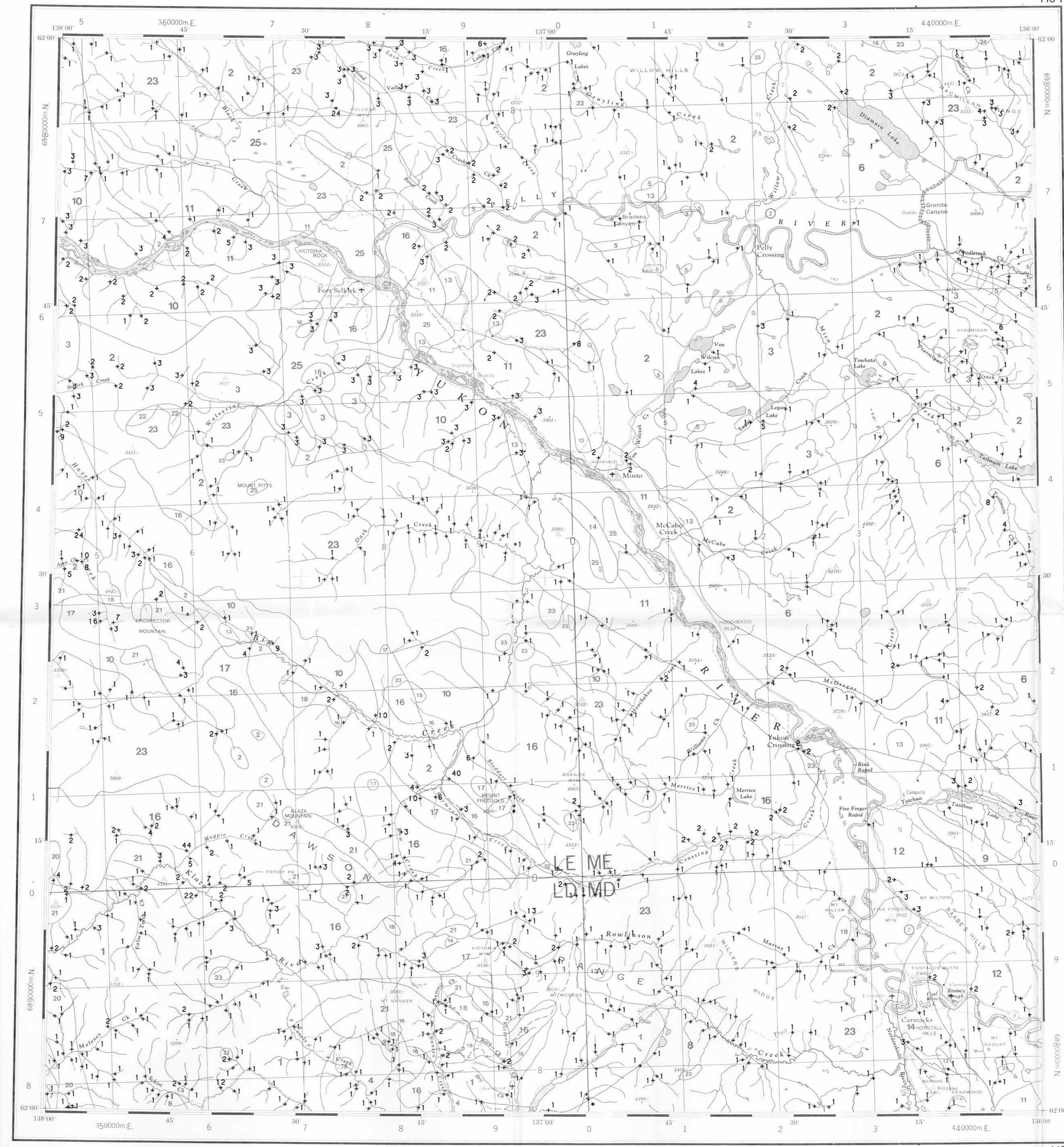
The regional geochemical trend map displayed above utilized a moving weighted average using an inverse distance function (1/d<sup>2</sup>) to filter out minor irregularities and emphasize broad-scale regional features. Single point anomalies may be suppressed or eliminated, however, geological units 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
  - 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)



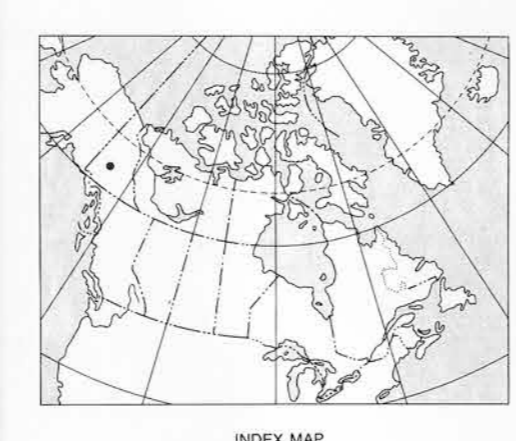
**LEGEND**

CENOZOIC	QUATERNARY	RECENT	SELKIRK GROUP	25 RS 64* Basalt, andesite flows, breccia, tuff
	TERTIARY	LATE TERTIARY	LTG 62 Rhyolite porphyry, granite, granodiorite	24
	OLIGOCENE AND MIOCENE	CARMACKS GROUP	OMCV 60 Andesite, basalt, breccia	23
	OLIGOCENE	CARMACKS GROUP	OCS 60 Conglomerate, sandstone, shale	22
	Eocene	MOUNT NANSEN GROUP	EMN 59 Acid to intermediate tuff, breccia	21
	LOWER TERTIARY	TFP 58 Feldspar porphyry dykes, flows	20	
	TVB 58 Basalt	19		
	EARLY TERTIARY	ETF 57 Granite and syenite porphyry, rhyolite	18	
	CRETACEOUS	KY 52 Syenite, monzonite	17	
	KQM 52 Quartz monzonite, granodiorite; CASSIAR quartz monzonite, alkali	16		
MESOZOIC	JURASSIC AND CRETACEOUS	DEZADEASH GROUP	JKD 51 Argillite, greywacke, conglomerate, volcanics	15
	JKT 51 TANTALUS: Conglomerate, siltstone, arkose, coal	14		
	JKD1 51 Diorite, hornblende diorite	13		
	JURASSIC	LABERGE GROUP	JL 47 Greywacke, arkose, conglomerate	12
	TRIASSIC	TV 42 Basaltic greenstone	11	
	TGDN 42 Foliated hornblende granodiorite, quartz	10		
	UPPER TRIASSIC	LEWIS RIVER GROUP	UTC 45 Limestone	9
	MESOZOIC UNDIVIDED	MQM 41 Porphyritic quartz monzonite	8	
	MGD 41 Granodiorite, quartz monzonite	7		
	MGN 41 Foliated hornblende granodiorite, quartz monzonite	6		
PALEOZOIC	PALEOZOIC UNDIVIDED	PC 09 Limestone	5	
	PM 09 Amphibolite, schist, gneiss	4		
	PGDN 09 Pelly Gneiss: Foliated to gneissic granodiorite	3		
	CARBONIFEROUS AND PERMIAN	CPSN 35 Schist, gneiss, includes BIG SALMON METAMORPHIC COMPLEX	2	
	HADRYNIAN AND CAMBRIAN	HCSN 08 Schist, gneiss, quartzite	1	

\*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



**TUNGSTEN (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  
 Elevation in feet above mean sea level  
 Mean magnetic declination 1986, 30°25' East, decreasing 13.6' annually. Readings vary from 30°14' E in the SE corner to 30°36' E in the NW corner of the map area

