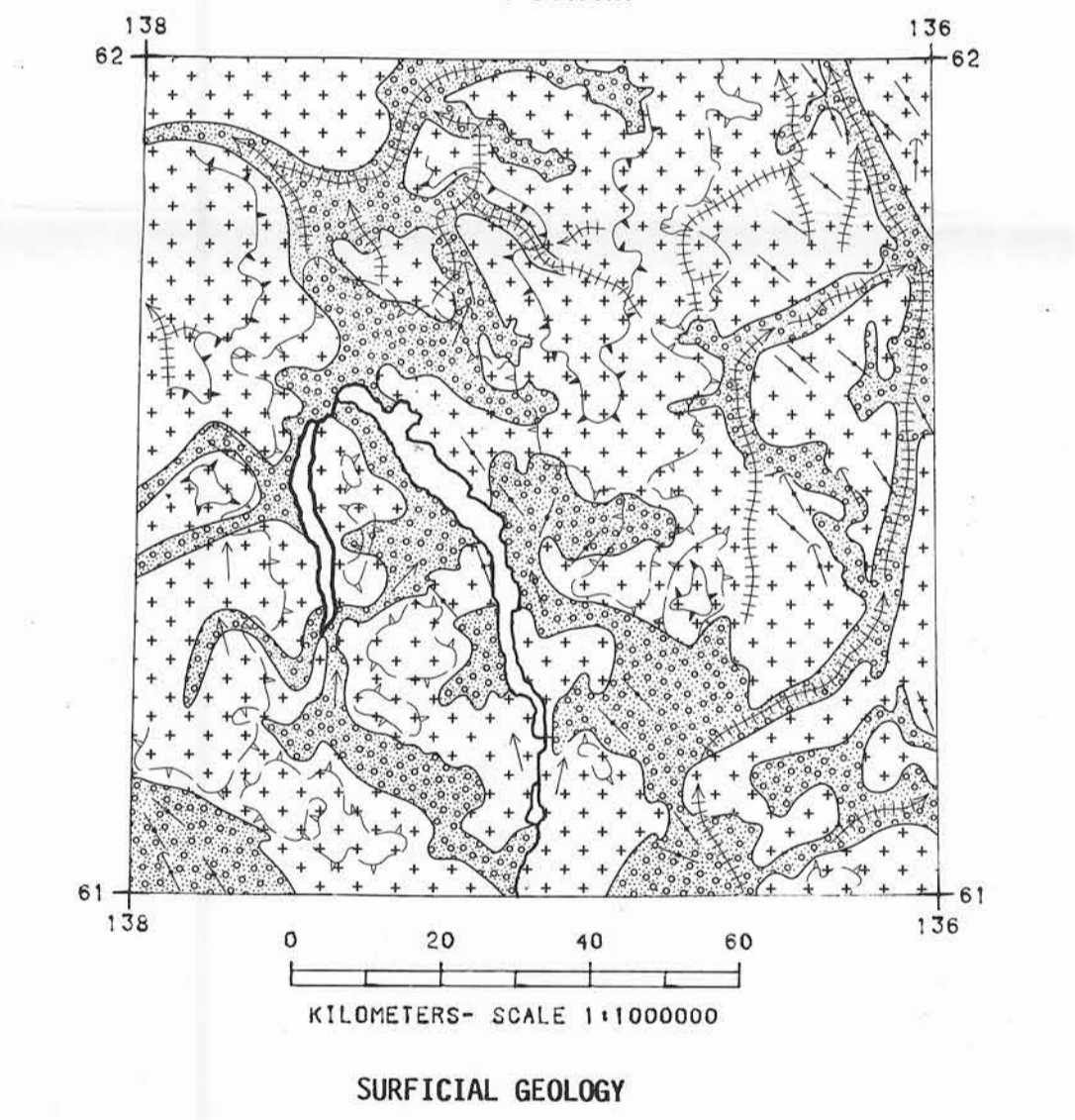
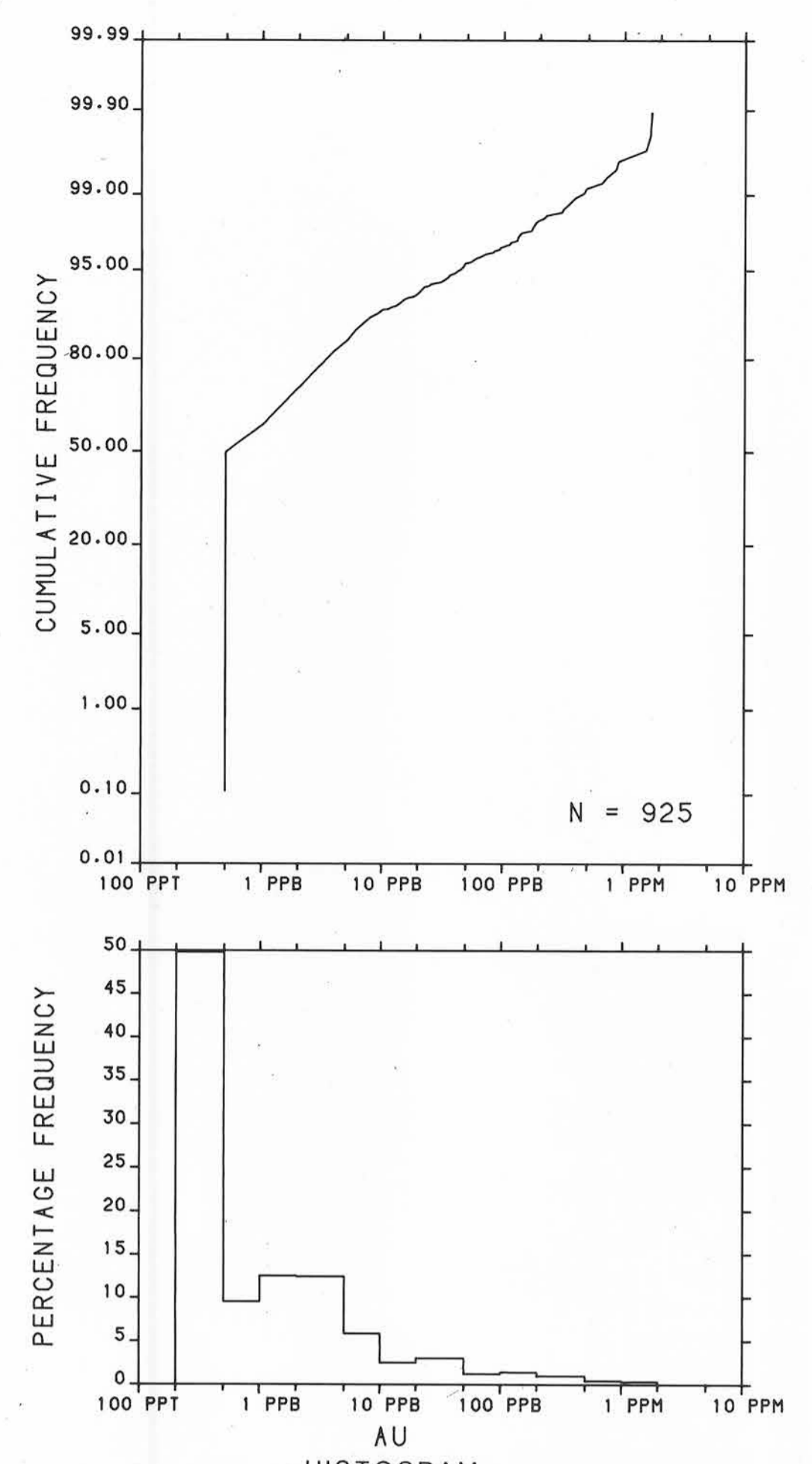
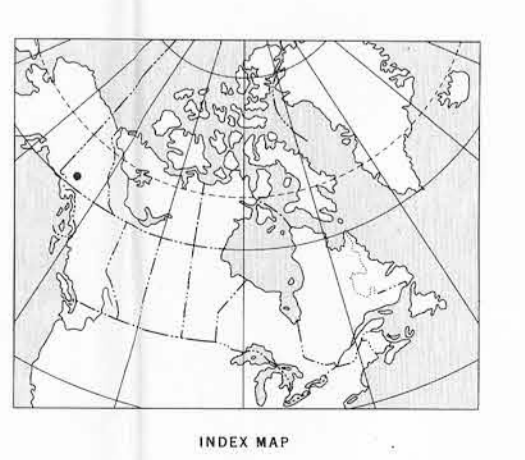
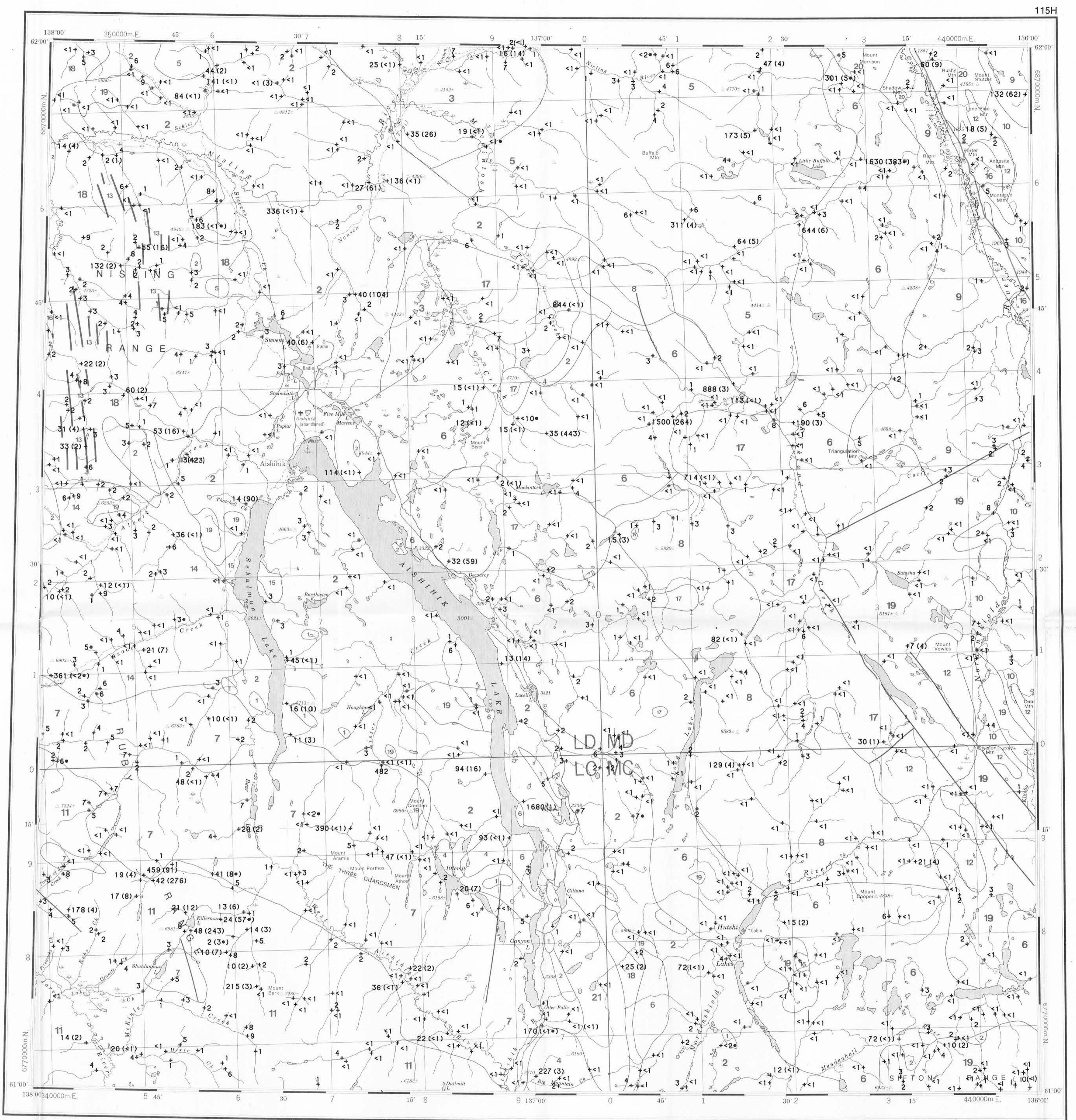


The regional geochemical trend map displayed above utilized a moving weighted average using an inverse distance function ( $1/d^2$ ) to filter out minor irregularities and emphasize broad-scale regional features. Single point anomalies may be suppressed or eliminated, however, geological units which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

Scale 1:250 000  
 Kilometers 5 10 15 20  
 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

TERTIARY	LATE TERTIARY	21	LTG 62*	Rhyolite porphyry, granite, granodiorite
	OLIGOCENE AND MIOCENE			
	CARMACKS GROUP			
	EOCENE			
	MOUNT NANSEN GROUP			
CENOZOIC	LOWER(?) TERTIARY	19	EMN 59	Acid to intermediate tuff, breccia
	EARLY TERTIARY	18	TFP 58	Feldspar porphyry dykes and flows
		17	TVA 58	Acid tuff
		16	TVD 58	Andesite, porphyritic basalt flows and dykes
	JURASSIC AND CRETACEOUS	15	ETGA 57	Alaskite, granite, quartz monzonite
		14	ETQM 57	Granite, quartz monzonite
		13	FPPP 57	Feldspar porphyry dykes
	JURASSIC			
	LABERGE GROUP			
		12	JKT 51	TANTALUS: Conglomerate, siltstone, arkose, coal
		11	JKK 51	KLUANE: Sericitic to biotitic schist, gneiss, amphibolite
	TRIASSIC			
MESOZOIC		10	JL 47	Greywacke, arkose, conglomerate
		9	TV 42	Basaltic greenstone
		8	TQM 42	Leucocratic, porphyritic quartz monzonite
		7	TGD 42	RUBY RANGE: Granodiorite
		6	TGDN 42	Foliated hornblende granodiorite, quartz
	MESOZOIC UNDIVIDED			
		5	MQM 41	Porphyritic quartz monzonite
		4	MDI 41	Diorite
	PALEOZOIC UNDIVIDED			
PALEOZOIC		3	PM 09	Amphibolite, schist, gneiss
	HADRYNIAN AND CAMBRIAN			
		2	HCSN 08	Schist, gneiss, quartzite
PROTEROZOIC	HADRYNIAN			
		1	HC 07	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. Templeman-Kluit, S.L. Blusson and R.B. Campbell, Geological Survey of Canada, Energy, Mines and Resources Canada, 1980. 1:1 000 000 scale

Au value (ppb) . . . . . +17  
 \* denotes an analysis performed on a sample weight <10 g.  
 ( ) identifies Au values corresponding to repeat analyses.  
 <n denotes a result less than detection level n (ppb).  
 consult text for actual sample weight when Au values denoted by \* or < detection level

Examples:  
 +21\* Au value of 21 ppb determined on sample weight <10 g.  
 +38(27\*) Au value of 38 ppb on first analysis, Au value of 27 ppb on repeat analysis for sample weighing <10 g.  
 <4 Au value less than detection limit of 4 ppb.