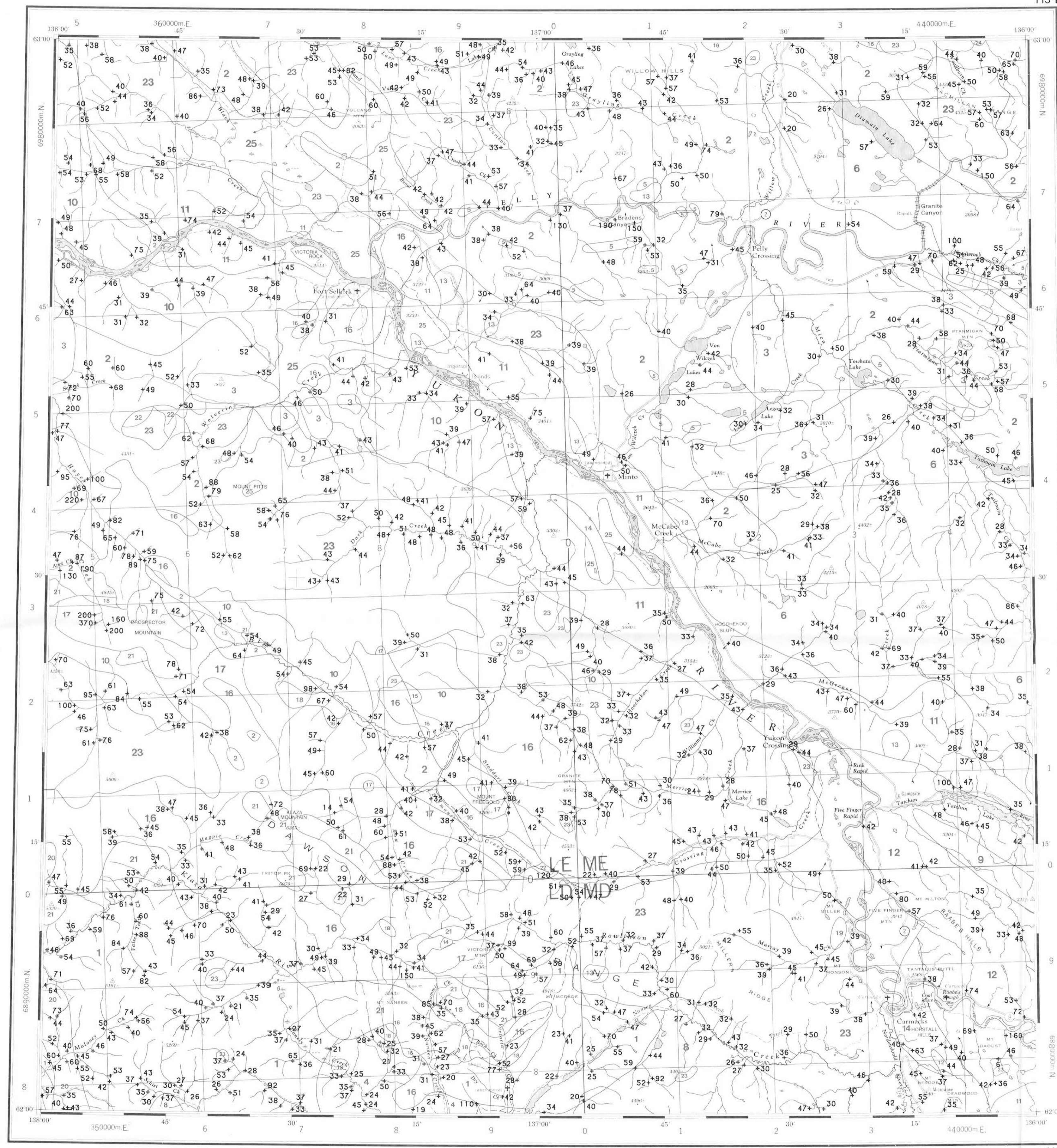


- Undivided surficial deposits; alluvium, glacial till and moraine, outwash and ice contact deposits, volcanic ash, loess, colluvium
- Glaciers and permanent snowfields
- Bedrock exposures; includes discontinuous veneer of undivided glacial drift
- Surficial deposit boundary
- Limit of Pre-Reid ice advance
- 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, D.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)

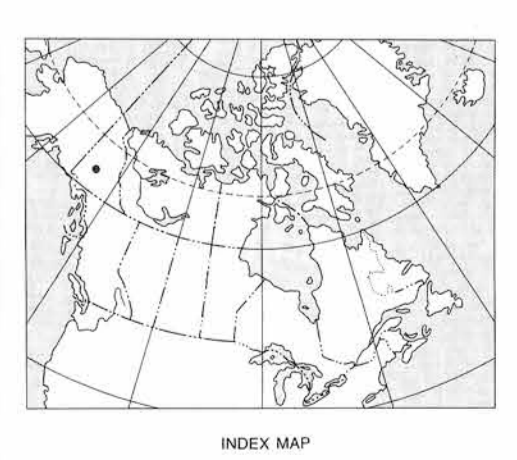


LEGEND

QUATERNARY	RECENT	SELKIRK GROUP
	RS 64*	Basalt, andesite flows, breccia, tuff
TERTIARY	LATE TERTIARY	LTG 62 Rhyolite porphyry, granite, granodiorite
	OLIGOCENE AND MIOCENE	CARMACKS GROUP
	23 OMCV 60	Andesite, basalt, breccia
CENOZOIC	OLIGOCENE	CARMACKS GROUP
	22 OCS 60	Conglomerate, sandstone, shale
	Eocene	MOUNT NANSEN GROUP
	21 EWN 59	Acid to intermediate tuff, breccia
	LOWER TERTIARY	TFP 58 Feldspar porphyry dykes, flows
	19 TVB 58	Basalt
	EARLY TERTIARY	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	JKD 51 Argillite, greywacke, conglomerate, volcanics
	JKT 51	TANTALUS: Conglomerate, siltstone, arkose, coal
	JKDI 51	Diorite, hornblende diorite
JURASSIC	LABERGE GROUP	JL 47 Greywacke, arkose, conglomerate
MESOZOIC	TRIASSIC	TV 42 Basaltic greenstone
	TGDN 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 MGDN 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



ZINC (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

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

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

