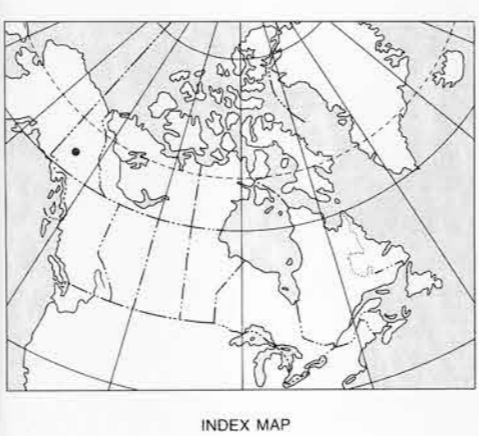
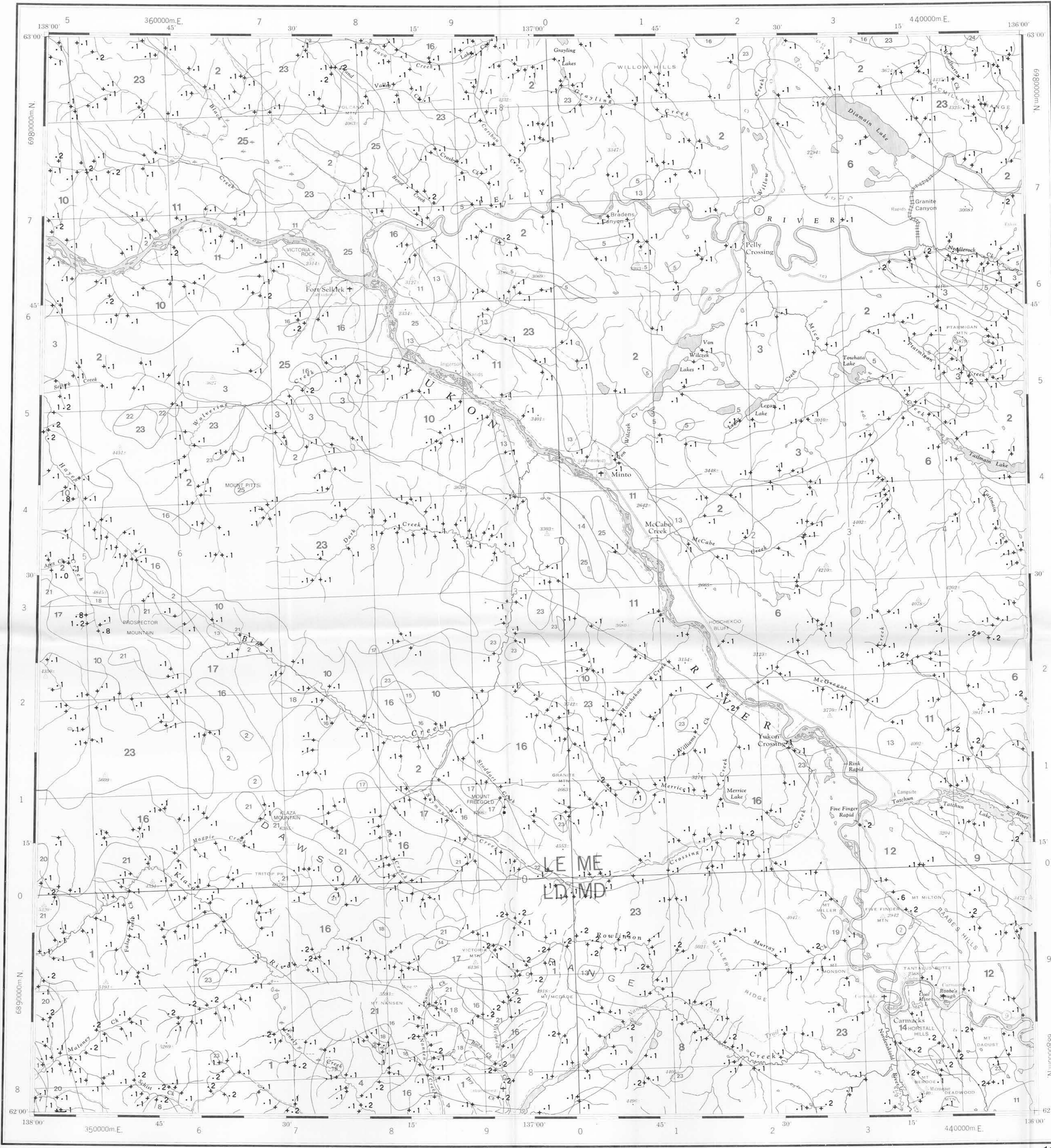


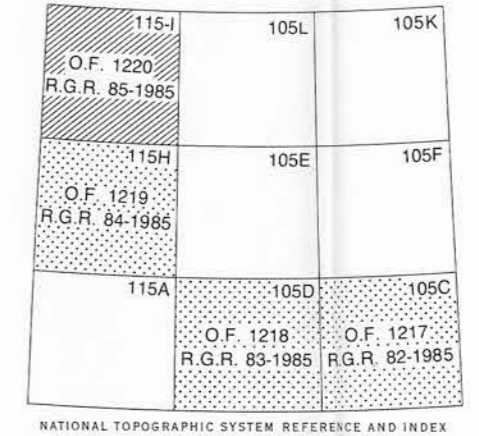
- SYMBOLS**
- Undivided surficial deposits; alluvium, glacial till and moraine, outwash and ice contact deposits, volcanic ash, loess, colluvium
 - Glaciers and permanent snowfields
 - Bedrock exposures; includes discontinuous veneer of undivided glacial drift
- Surficial deposit boundary
- Limit of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



SILVER (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

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.
 Scale 1:250 000
 Universal Transverse Mercator Projection
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LEGEND

QUATERNARY	RECENT	SELKIRK GROUP	
	25 RS 64*	Basalt, andesite flows, breccia, tuff	
	TERTIARY	LATE TERTIARY	24 LT6 62 Rhyolite porphyry, granite, granodiorite
		OLIGOCENE AND MIOCENE	CARMACKS GROUP
	CENOZOIC	23 OMCV 60 Andesite, basalt, breccia	
		OLIGOCENE	CARMACKS GROUP
		22 OCS 60 Conglomerate, sandstone, shale	
		Eocene	MOUNT NANSEN GROUP
	LOWER TERTIARY	21 EMN 59 Acid to intermediate tuff, breccia	
		20 TFP 58 Feldspar porphyry dykes, flows	
19 TVB 58 Basalt			
EARLY TERTIARY		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		
JURASSIC	13 JKD 51 Diorite, hornblende diorite		
	LABERGE GROUP		
TRIASSIC	12 JIL 47 Greywacke, arkose, conglomerate		
	11 TV 42 Basaltic greenstone		
UPPER TRIASSIC	10 TGDN 42 Foliated hornblende granodiorite, quartz		
	LEWES RIVER GROUP		
MESOZOIC UNDIVIDED	9 UTC 45 Limestone		
	8 MQM 41 Porphyritic quartz monzonite		
MESOZOIC UNDIVIDED	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		
PALEOZOIC UNDIVIDED	3 PGDN 09 Pelly GNEISS: Foliated to gneissic granodiorite		
	CARBONIFEROUS AND PERMIAN	2 CPSN 35 Schist, gneiss, includes BIG SALMON METAMORPHIC COMPLEX	
PALEOZOIC UNDIVIDED	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