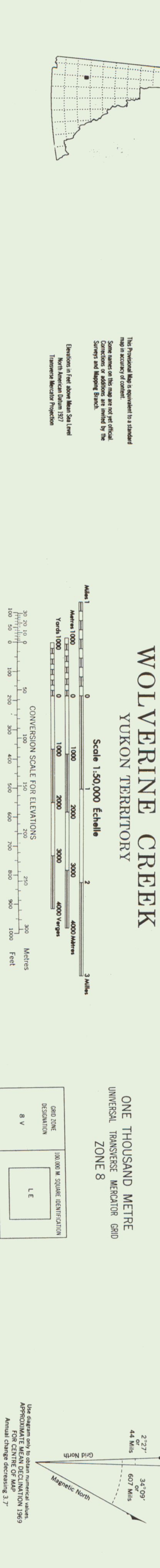
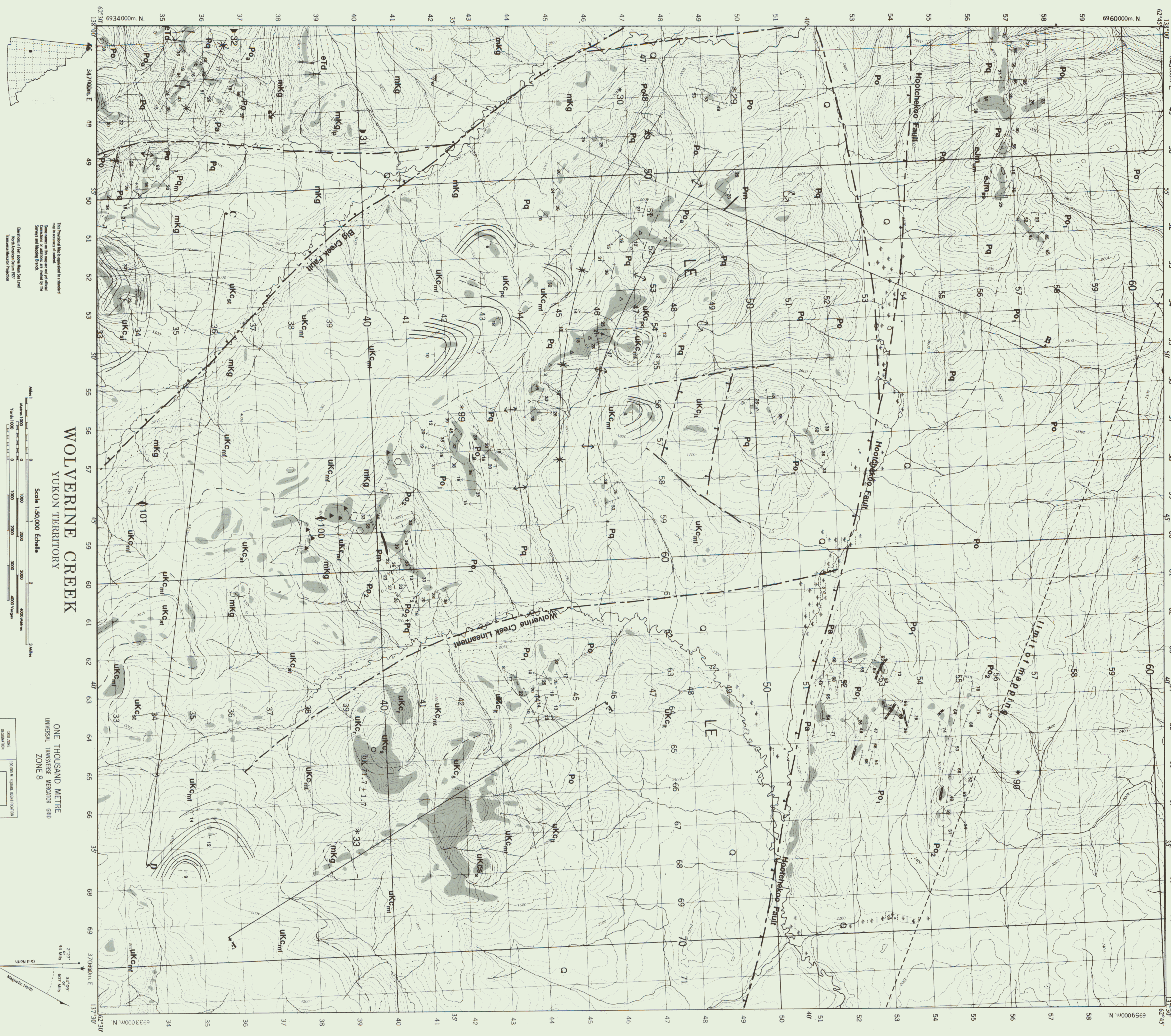


Canada



Yukon



WOLVERINE CREEK
YUKON TERRITORY

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR
ZONE 6

LEGEND

- SYMBOLS**
- Geological contact (assumed)
 - Fault (approximate) and displacement (unknown)
 - Folds
 - anticline
 - recumbent
 - nappe
 - Approximate limit of bedrock
 - Outcrop
 - measured from air photo
 - estimated from profile
 - from field notes
 - Prominent bedform (strike and dip)
 - Prominent lineation (trend and plunge)
 - Line of cross section
 - Apparent dip of foliation projected onto cross section
 - Bedrock
 - unmetamorphosed
 - metamorphosed (only developed in Pq)
 - Siliceous chert breccia (developed in mKq)
 - Stanniferous (garnet and magnetite)
 - Fluorite
 - Agp determination

REFERENCES

- Carron, G.C., 1987. Geology of Mount Nansen (115-16) and Sleds Creek (115-18) map areas. Dawson Range, central Yukon. Exploration and Geological Services Division, Indian and Northern Affairs Canada, Yukon Region, Open File 1987-2, 181 p.
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THIS MAP ACCOMPANIES THE FOLLOWING REPORT:

Johnson, S.T., and Healy, N., 1983. Preliminary results of 1:50,000 scale geological mapping in Wolverine Creek map area (115-12), Dawson Range, south-west Yukon. In Yukon Exploration and Geology, 1982. Exploration and Geological Services Division, Indian and Northern Affairs Canada.

RECOMMENDED CITATION:
Johnson, S.T., 1980. Geological map of Wolverine Creek map area (115-12), Dawson Range, Yukon. Exploration and Geological Services Division, Indian and Northern Affairs Canada, Open File 1983-3.

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PALEZOIC METAMORPHIC ASSEMBLAGE

- Po** unbedded Pq, and Pq, orthogneiss, includes Pq₁, augen orthogneiss.
- Pq₂** orange to grey weathering, grey green to dark quartz diorite and diorite schist and orthogneiss. Includes significant volumes of hornblende amphibole, decomposed from Pq, based on more amphibole, decomposed from Pq, and more hornblende, orthogneiss nature.
- Pq₁** grey weathering, grey, medium to coarse grained, hornblende, quartz, and diorite orthogneiss.
- Pa** green weathering, black to dark green, medium to coarse grained amphibole.
- Pm** orange weathering, white, medium to coarse grained marble.
- Pq** brown, orange, and grey weathering, black to tan quartzite, subordinate metachert, rare marble.
- Pqm** buff to brown weathering, grey, medium grained, hornblende, quartz, and diorite orthogneiss.

MINERAL OCCURRENCES¹

- 29. * Diabla
- 30. * Chert
- 31. * Tef
- 32. * Fluorite
- 33. * Tera
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115 J10	115 J9	115 O12	115 U11
Payne et al. (1987)	Payne et al. (1987)	This study	
115 J7	115 J8	115 I5	115 I6
		Payne et al. (1987)	Carlton (1987)
115 J2	115 J1	115 I4	115 I3
			Carlton (1987)

Indian and Northern Affairs Canada
Exploration and Geological Services Division
Yukon Region

Open File 1983 - 3 (G)

GEOLOGICAL MAP OF WOLVERINE CREEK (115/12)
DAWSON RANGE, YUKON
1:50,000 SCALE