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Symbols

Geological boundary

Anticline, symmetrical, asymmetrical, overturned

Syncline, symmetrical, asymmetrical, overturned

Fault, contraction, teeth on upthrown side

Fault, extension, solid circle on downthrown side

Fault, transcurrent with inferred relative horizontal movement

Location of boundaries, folds and faults is approximate; where assumed, line is broken; where concealed, dots alternate with dashes. For asymmetrical folds the long arrow points in direction of dip of axial surface.

25 45 — Bedding attitude; measured, estimated from aircraft

35 — Foliation attitude

Lineament; sense of displacement, if any, unknown

Facies change; approximate trace of interface

x — Outcrop or felsenmeer examined; no bedding attitude obtainable

55135 — Fossil occurrence with GSC (or other) locality number

PeMi — Paleontological age

465 my — Apparent radiometric age

?Pjc2 — Tentative formational assignment

01 02 03 — Borehole; abandoned, suspended gas, suspended oil; number indicates order of drilling in each map area from spudding date

Pingo (NTS Map-Areas 107B and C only)

Cu — Prospect, with mineral type

Esker, ridges within esker complexes

Drumlins and drumlinoid ridges; ice direction inferred, not inferred

116H5 — Stratigraphic section; locus with GSC identification by NTS Map-Area

A B — Line of structure section

m, nm — Lithotope; marine, non-marine

//////// — Rock units not in contact (Composite Legend only)

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116 H

Hart River, Yukon Territory

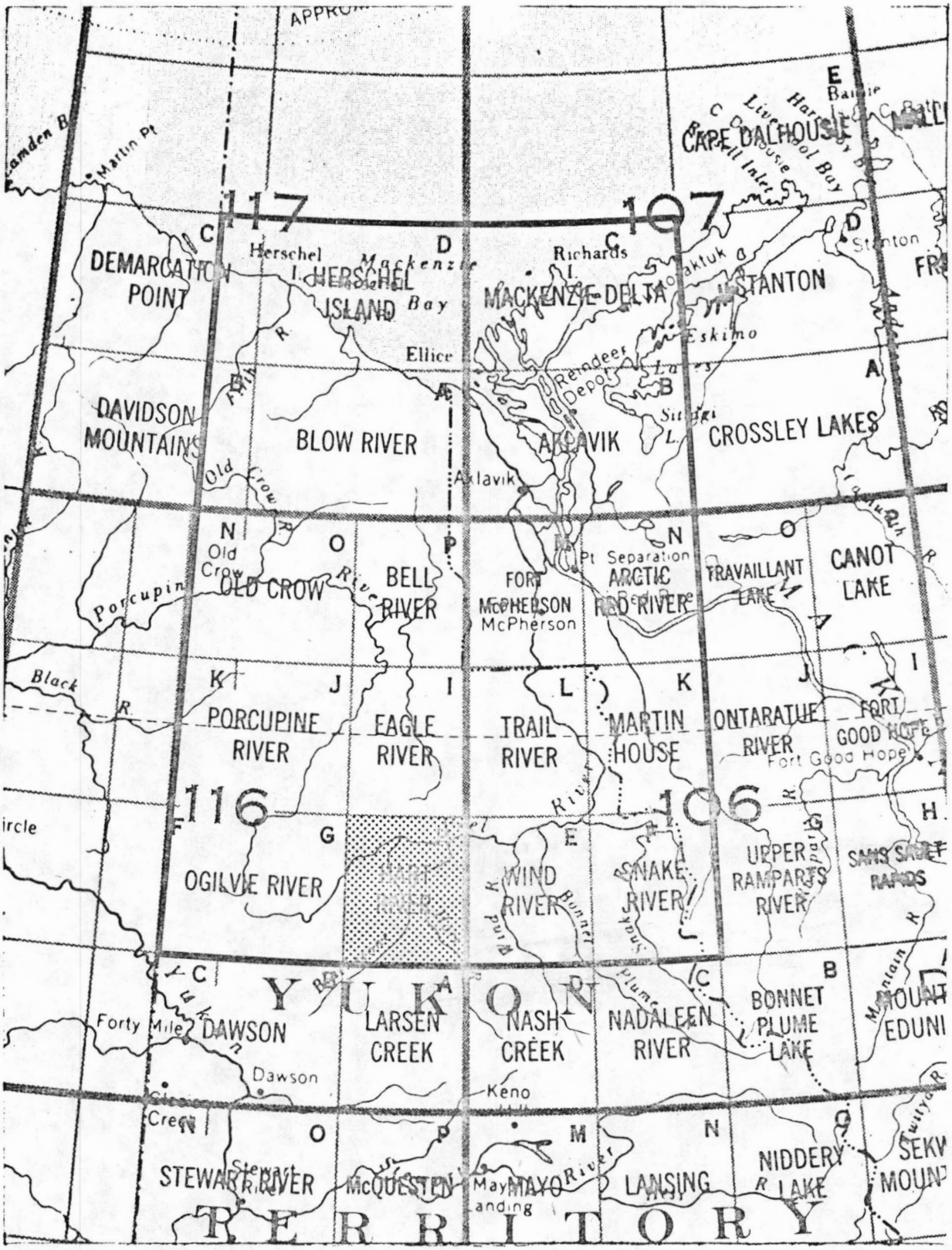
D. K. Norris, 1974

Acknowledgements

Geological synthesis based on field observations and/or paleontological determinations made by the following geologists and industry geological departments, listed alphabetically, with corresponding years of field activity where applicable: Geological Survey of Canada - E. W. Bamber, 1962; W. W. Brideaux; L. H. Green, 1958; O. L. Hughes, 1962; A. J. Jenik, 1962; D. Mayes, 1962; E. W. Mountjoy, 1962; W. W. Nassichuk; B. S. Norford, 1962; A. W. Norris, 1962; D. K. Norris, 1962, 1970, 1973; R. A. Price, 1962; R. M. Procter, 1962; G. C. Taylor, 1962; G. R. Turnquist, 1962; U. Upitis, 1962. Industry geological departments - Chevron Standard Company Ltd., 1963; Peel Plateau Exploration Ltd., 1954; Standard Oil of British Columbia, 1964. University of Toronto - J. B. Waterhouse.

Schedule of Wells

	Name	Total Depth (metres)	Spudding Date	Status
1.	S.O.B.C. Blackstone YT D-77	4,029	10/3/62	dry & abandoned
2.	Socony Mobil Western Minerals Blackie YT M-59	1,932	11/12/63	suspended gas
3.	Chevron Imp S Chance YT D-63	2,021	21/2/72	dry & abandoned



Geographic map of northern Yukon Territory and adjacent District of Mackenzie with the Operation Porcupine project area outlined and with Hart River Map-Area (116 H) identified.

106 E

Wind River, Yukon Territory

D. K. Norris, 1974

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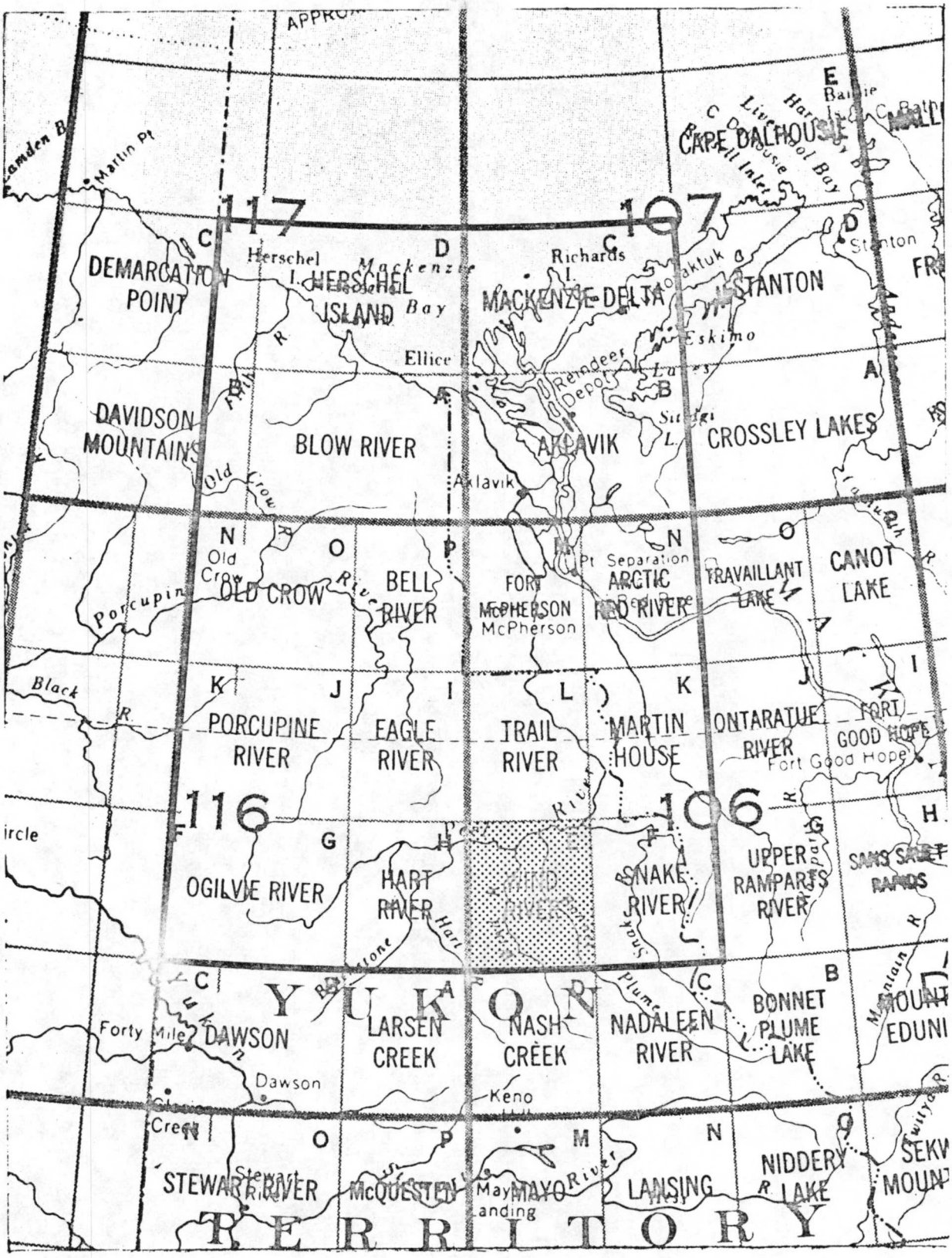
Geological synthesis based on field observations and/or paleontological determinations made by the following geologists and industry geological departments, listed alphabetically, with corresponding years of field activity where applicable: Geological Survey of Canada - E. W. Bamber, 1962; W. W. Brideaux; L. D. Dyke, 1970; W. H. Fritz, 1973; A. S. Hedinger, 1973; W. S. Hopkins; O. L. Hughes, 1962; R. W. Macqueen, 1973; D. Mayes, 1962; E. W. Mountjoy, 1962; B. S. Norford, 1962; A. W. Norris, 1962; D. K. Norris, 1962, 1970, 1973; A. E. H. Pedder; R. A. Price, 1962; R. M. Procter, 1962; G. C. Taylor, 1962; U. Upitis, 1962; T. Uyeno. University of Alberta - C. R. Stelck; University of British Columbia - G. E. Rouse.

Schedule of Wells

Name	Total Depth (metres)	Spudding Date	Status
1. Toltec Peel River YT N-77	1,123	7/10/68	dry & abandoned



Geographic map of northern Yukon Territory and adjacent District of Mackenzie with the Operation Porcupine project area outlined and with Wind River Map-Area (106 E) identified.

106 F

Snake River, Yukon Territory and District of Mackenzie

D. K. Norris, 1975

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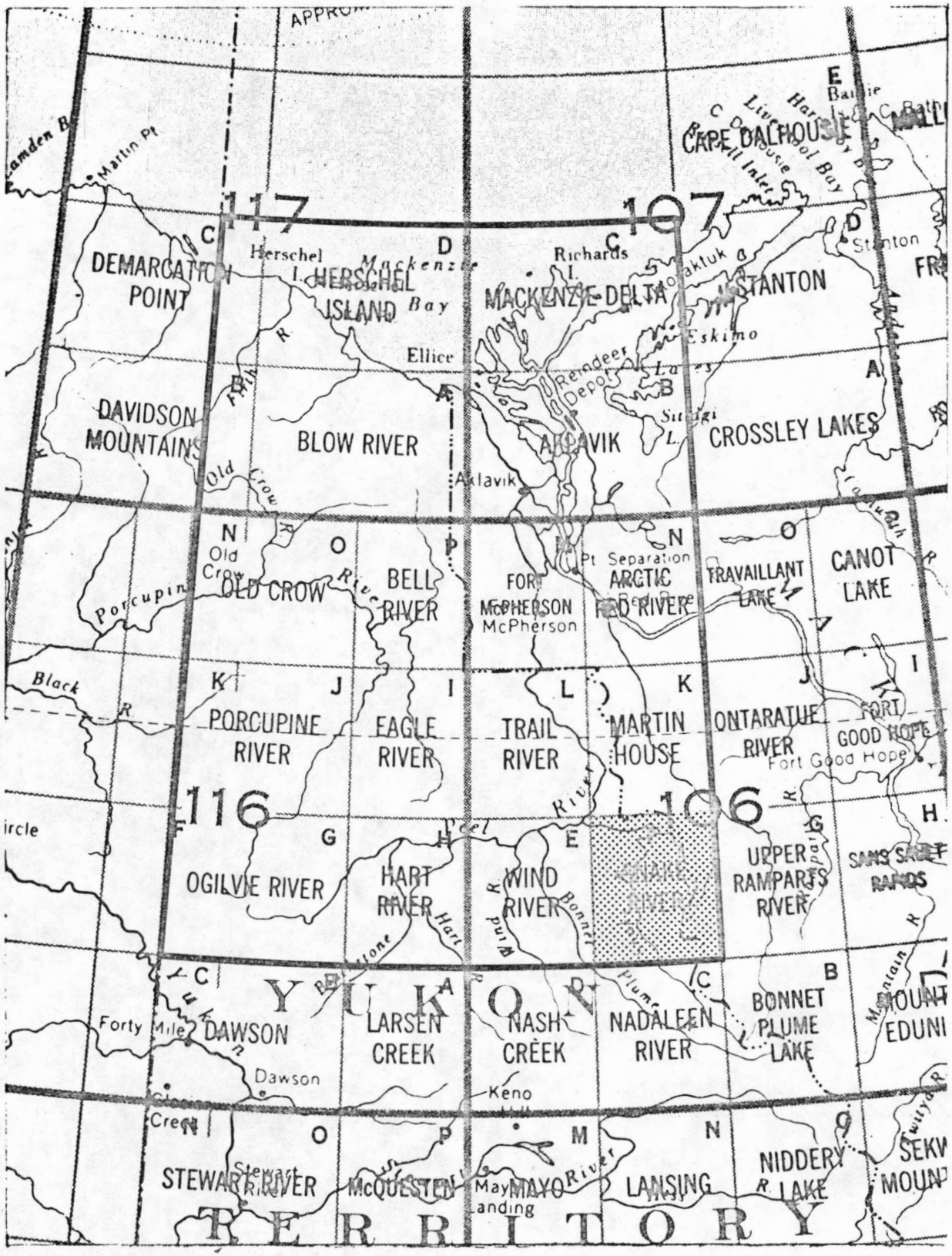
Geological synthesis based on field observations and/or paleontological determinations made by the following geologists and industry geological departments, listed alphabetically, with corresponding years of field activity where applicable: Geological Survey of Canada - E. W. Bamber, 1962; M. S. Barss; W. W. Brideaux; L. D. Dyke, 1973; W. H. Fritz; A. S. Hedinger, 1973; O. L. Hughes, 1962; E. W. Mountjoy, 1962; B. S. Norford, 1962; A. W. Norris, 1962; D. K. Norris, 1962, 1970, 1973; R. A. Price, 1962; R. M. Procter, 1962; G. C. Taylor, 1962; G. R. Turnquist, 1962. Industry geological departments - Chevron Standard Company, 1961.

Schedule of Wells

	Name	Total Depth (metres)	Spudding Date	Status
1.	McD Northup Taylor Lake YT K-15	2,379	5/2/69	dry & abandoned
2.	Amoco PCP B-1 Cranswick YT A-42	4,267	14/4/72	dry & abandoned
3.	Dome Texaco Imp South Peel D-64	1,985	4/4/73	dry & abandoned



Geographic map of northern Yukon Territory and adjacent District of Mackenzie with the Operation Porcupine project area outlined and with Snake River Map-Area (106 F) identified.