

LEGEND 106O

Note: Legend applies to Maps 106J, 106O, and 106P
Coloured Legend blocks indicate map-units that appear on this map

QUATERNARY

LOWER CRETACEOUS
Cretaceous undivided: sandstone, white, fine to coarse grained, commonly basal; sand, brown, fine, and clay, dark grey partly carbonaceous interbedded; shale, partly silty, brown or grey, with ironstone concretions; siltstone, brown calcareous; siltstone, white, and shale, dark grey, interbedded; sandstone, brown, laminated, partly fossiliferous

PALEOZOIC

UPPER DEVONIAN

IMPERIAL FORMATION: shale, brown, greenish grey, generally fissile; subordinate sandstone, brown, impure, very fine grained; minor siltstone

Basal unit: shale, dark brown to black, fissile, with siltstone laminae and clay ironstone concretions

CANOL FORMATION: shale, black, mostly bituminous, partly fissile, partly siliceous and blocky

MIDDLE DEVONIAN *approximate*
UN-NAMED UNIT (defined, assumed): sandstone, brown, fine grained, thin to medium bedded, partly shaly, partly calcareous, commonly fossiliferous

RAMPARTS FORMATION: limestone, generally well bedded and partly argillaceous, rubbly weathering, commonly fossiliferous; massive in Iroquois Syncline

HARE INDIAN FORMATION: shale, black and fissile at base, greenish grey above; beds of siltstone and fossiliferous limestone locally developed especially near top

HUME FORMATION: limestone, well bedded and rubbly, highly fossiliferous; shales in middle and lower parts

Rock outcrop.....x

Rock outcrop visited.....◎

GSC fossil locality No.C 26517

Geological boundary (approximate, assumed, extended beneath thick overburden).....

Bedding (inclined, overturned).....

Thrust fault (defined, inferred; teeth in hanging wall).....

Abandoned well.....

Shallow borehole sample(s) examined [surface map-unit only encountered, deeper map-unit encountered (depth indicated)].....

Stratigraphic section studied.....

Anticline.....

Gas seep (observed, reported).....■ □ 5

Oil seep or stain (reported).....○ 4

Stratigraphic Section Reference

W. S. MacKenzie.....MN-

Geology compiled by D. G. Cook and J. D. Aitken, 1974. Compilation based on field work by D. G. Cook, J. D. Aitken, M. E. Ayling, H. R. Balkwill, W. S. MacKenzie and C. J. Yorath (1968, 1971), published maps and reports, and unpublished reports on file with the Department of Indian and Northern Affairs

Abandoned Wells

Richfield Oil Co. et al. Grandview Hills No. 1.....5
Atlantic Little Chicago N-32.....6
Richfield Oil Co. et al. Grandview Hills Corehole No. 1....7
INC NCO Mobil Sun Thunder River D-69.....8
Central Del Rio Tenlen A-73.....9

Shallow borehole samples from:
Chevron Standard Ltd. - seismic shot points
Department of Public Works - test holes

Reported Oil and Gas Seeps

Seep No.	DIAND Report No.
4	19-1-6-1
5	530-1-6-8
	530-1-6-1

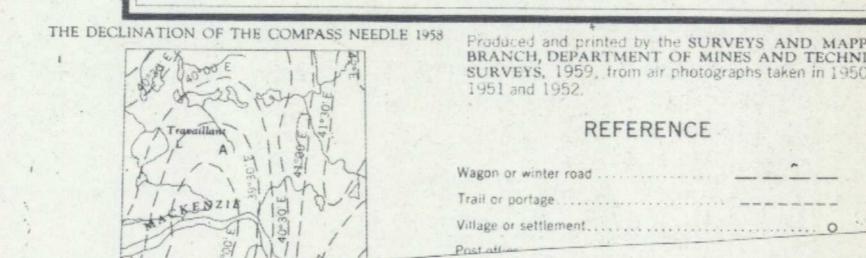
Geological cartography by the Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada, 1974

Topographic base-map at the same scale published by the Surveys and Mapping Branch,

Magnetic declination varies from easterly at centre of west edge to easterly at centre of east edge. Mean annual change:

107B 107C	107A 107A B-1065
106N	106-0
1069	14101

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX
TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS



TRAVALIANT LAKE
NORTHWEST TERRITORIES

Contour interval 100 feet
Elevations in feet above Mean Sea Level
North American Datum 1927.
Copies may be obtained from the Map Distribution
Office, Department of Mines and Technical Survey,
Ottawa.

136° 137° 138°
169° 168° 167°
107° 106° 105°
ABRAVIK CROSSLEY LAKES

Streams: _____

REFERENCE