

LEGEND 106J

- CRETACEOUS**
LOWER CRETACEOUS
K Cretaceous undivided: sandstone, white, fine to coarse grained, commonly basal; shale, black, fissile; shale, brown with ironstone concretions; sandstone, brown, laminated, partly fossiliferous
- DEVONIAN**
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
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
- IMPERIAL FORMATION (Undivided)

- Rock outcrop..... x
Rock outcrop visited..... ☒
GSC fossil locality No. C 26517
Geological boundary (approximate, assumed, extended beneath thick overburden).....
Bedding (inclined).....
Abandoned well.....
Shallow borehole sample(s) examined [surface map-unit only encountered, deeper map-unit encountered (depth indicated)]..... DHI 40
Stratigraphic section studied.....
Gas seep (reported)..... ☐ 2
Oil seep (reported)..... ☐ 1

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D. Aitken, M. E. Ayling, H. R. Ballwill, W. S. MacKenzie and C. J. Vosech (1968, 1971), published maps and reports, and unpublished reports on file with the Department of Indian and Northern Affairs

Abandoned Wells

- Decalta Trans Ocean GCOA Ontaratue I-38..... 1
Atlantic Circle River No. 1..... 2
Atlantic et al. Ontaratue K-4..... 3
Candel et al. Mobil Grandview L-26..... 4

Shallow borehole samples from:
Western Decalta Petroleum Ltd. - seismic shot points
Sun Oil Co. - seismic shot points

Reported Oil and Gas Seeps

Seep No.	DIAND Report No.
1	246-1-6-3
2	530-1-6-8
	246-1-6-6
	246-1-6-4
3	530-1-6-1
	246-1-6-3

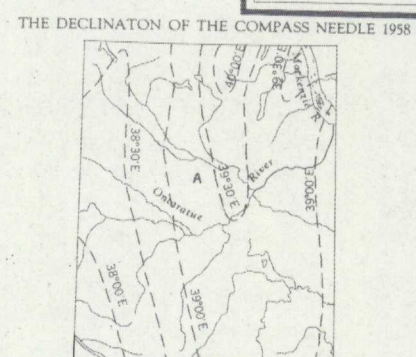
Geological cartography by the Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada, 1974

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:

106M	1409A	106P
106M	1409A	106P
106M	1409A	106P

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



The declination of the compass needle at any place along a broken line is the declination given on that broken line. At other places the declination is between those given on the neighbouring broken lines. Thus, at the place marked A, the declination is between 39°00' E and 37°00' E. The declination of the compass needle is 2 minutes annually.

Produced and printed by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF MINES AND TECHNICAL SURVEYS, 1959, from air photographs taken in 1950 and 1952.

REFERENCE

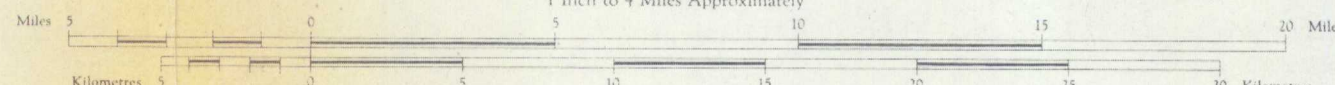
- Wagon or winter road.....
Trail or portage.....
Village or settlement.....
Post office.....
Building or cabin.....
R.C.M.P. post.....
Horizontal control point.....
Astronomical position.....
Spot elevation (in feet)..... 2905

Transverse Mercator Projection

ONTARATUE RIVER
NORTHWEST TERRITORIES
DISTRICT OF MACKENZIE

Scale 1:250,000

1 Inch to 4 Miles Approximately



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 Surveys, Ottawa.

REFERENCE

- Streams: intermittent or dry.....
Indefinite.....
Sand, gravel or mud.....
Marsh or swamp.....
Contours: elevation.....
approximate.....
Forest.....



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