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105 M.M.

11x

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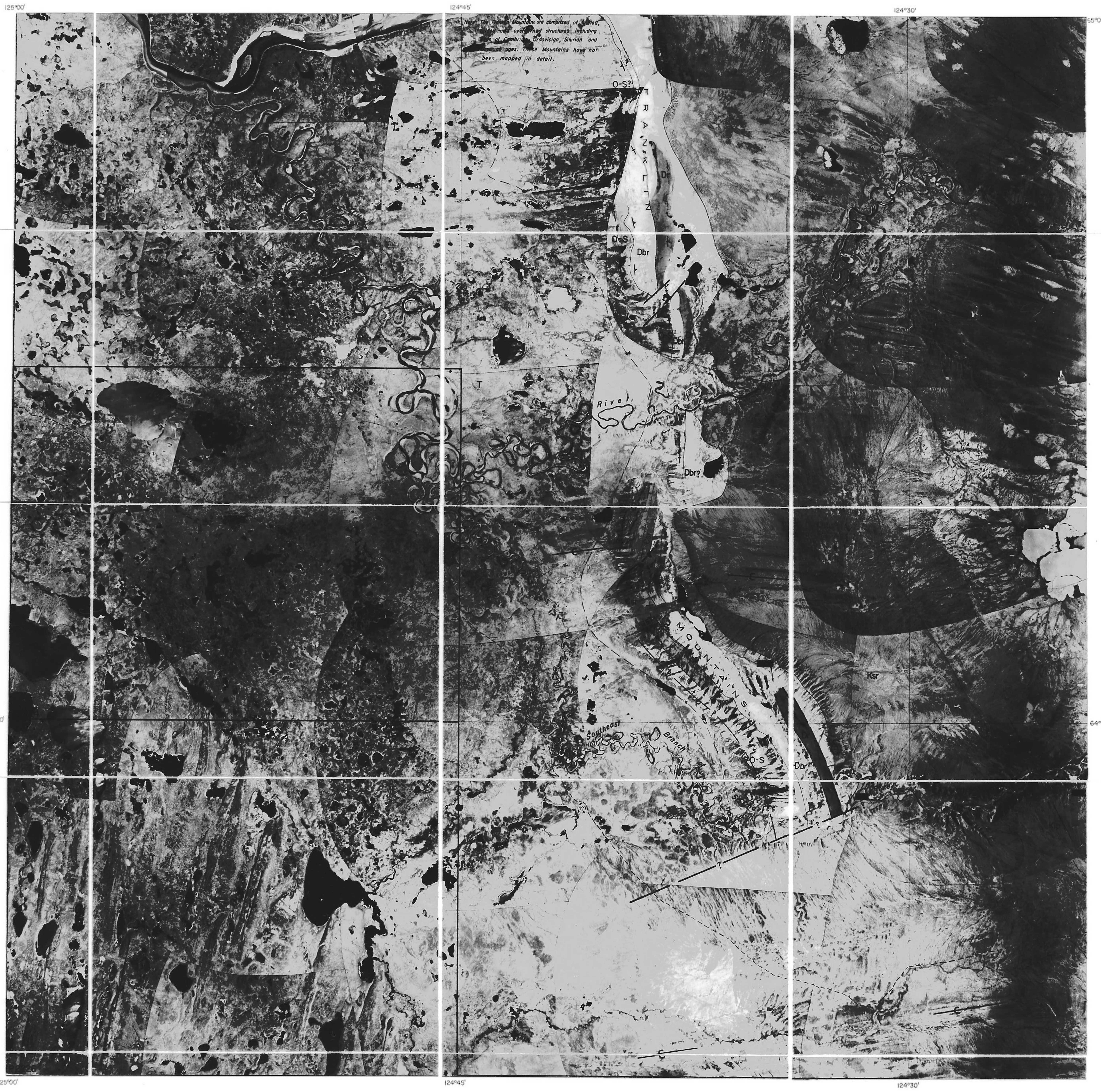
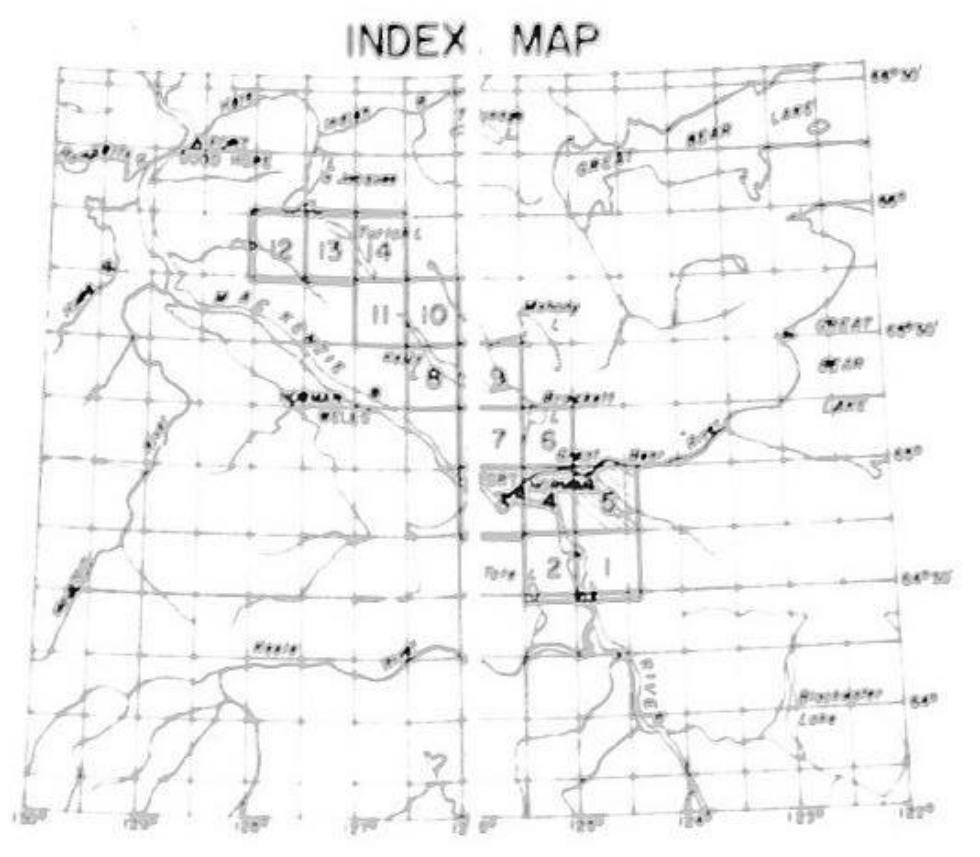

125°00'
124°45'
124°30'
65°00'
64°50'
O-S?
FRANKLIN
D
D?
O-S
Dbr
T
River
Dbr?
MOUNTAINS
Ksr
Southeast
Branch
O-S
Dbr
125°00'
124°45'
124°30'

Note: The Franklin Mountains are comprised of faulted, folded and overturned structures including rocks of Cambrian, Ordovician, Silurian and Devonian ages. These Mountains have not been mapped in detail.

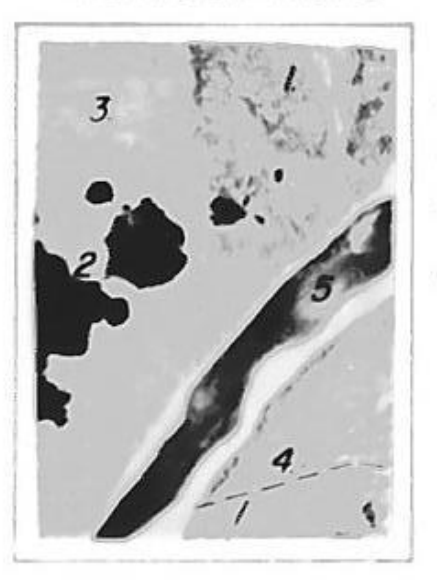
INDEX MAP


12
13
14
11
10
9
8
7
6
5
4
2
1
GREAT BEAR LAKE
MACKENZIE
Blackwater Lake
Keele
RIVER

Note This is an uncontrolled map-mosaic and should not be mistaken for an accurate geographic base

LEGEND

TOPOGRAPHICAL



1 Bush
2 Lake
3 Muskeg
4 Winter Road
5 River

GEOLOGICAL

TERTIARY
T Undifferentiated
CRETACEOUS
K Undifferentiated
Kef East Fork Formation
Klb Little Bear Formation
Ksr Slater River Formation
DEVONIAN
UD Upper Devonian, Imp. and Fort Creek Fm
Dr Ramparts Group
Dks Kee Scarp Reef of Upper Ramparts
Dbr Bear Rock Formation
Dbrg Bear Rock Gypsum

ORDOVICIAN-SILURIAN
O-S Ronning Group
CAMBRIAN
Ꞓsr Saline River Formation

Geological Boundary (ascertained)
Geological Boundary (conjectural)
Bedding (inclined, vertical, horizontal, overturned)
Fault (triangle indicates direction of dip)
Anticline
Anticline (overturned)
Syncline

PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

Abandoned Well
Salt Water Spring
Measured Section
Kodachrome Print No. and Direction Taken
P.2224 P & N.G. Permit

PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Mile 1 1/2 0 1 2 3 Miles
APPROXIMATE SCALE IN MILES

J C Sproule & Associates, Calgary, Alberta. December 1958

SHEET N°5

1 - 5 - 7

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105 M.M.

11x

January

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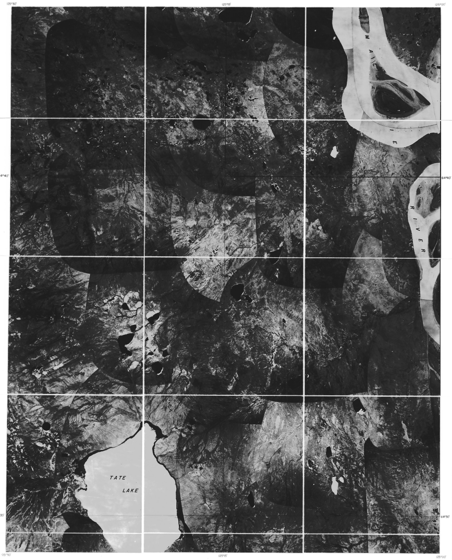
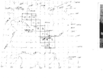


INDEX MAP



LEGEND

TOPOGRAPHICAL

1 Bush
2 Lake
3 Muskeg
4 Winter Road
5 River

GEOLOGICAL

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CAMBRIAN
Esr Saline River Formation

Geological Boundary (ascertained)
Geological Boundary (conjectural)
Bedding (inclined, vertical, horizontal, overturned)
Fault (triangle indicates direction of dip)
Anticline
Anticline (overturned)
Syncline

PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
○ Sink Hole

MISCELLANEOUS

◇ Abandoned Well
◊ Salt Water Spring
● Measured Section
■ Kodachrome Print No. and Direction Taken
P2224 P.& N.G. Permit

Note: This is an uncontrolled map mosaic and should not be mistaken for an accurate geographic base

PHOTOGEOLOGICAL MOSAIC

FORT NORMAN-KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

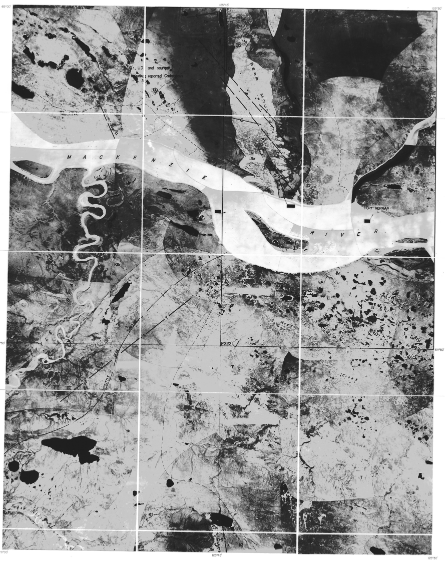
PLACID OIL COMPANY

Mile 1/2 0 1 2 3 Miles
APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

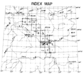
SHEET Nº 2

To accompany Geological Report to Placid Oil Company, December 1958.


65°00'
125°45'
125°30'
Tr, UD and younger
including reported Cretaceous
BEAR MOUNTAIN
M A C K E N Z I E
R I V E R
FORT NORMAN
BEAR
Dbr
O-S
Klb
T
P2221
LITTLE BEAR
64°50'
Creek
126°00'
125°45'
125°30'

LEGEND

INDEX MAP



TOPOGRAPHICAL

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2 Lake
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PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

◇ Abandoned Well
Salt Water Spring
● Measured Section
Kodachrome Print No. and Direction Taken
P2224 P & N.G. Permit

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Mile 1/2 0 1 2 3 Miles
APPROXIMATE SCALE IN MILES

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SHEET Nº 3

1 - 5 - 7

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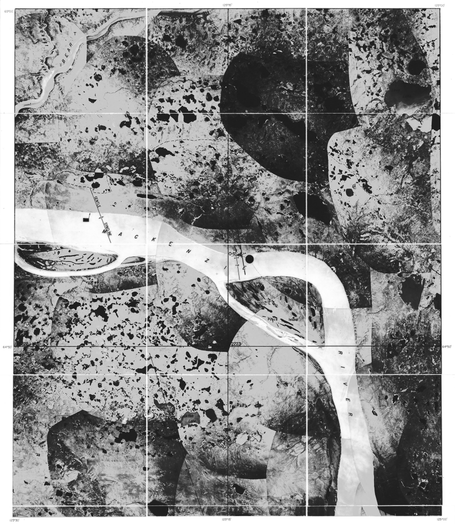
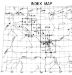


INDEX MAP



TOPOGRAPHICAL

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LEGEND

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Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

Abandoned Well
Salt Water Spring
Measured Section
Kodachrome Point No. and Direction Taken
P2224 P & N.G. Permit

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

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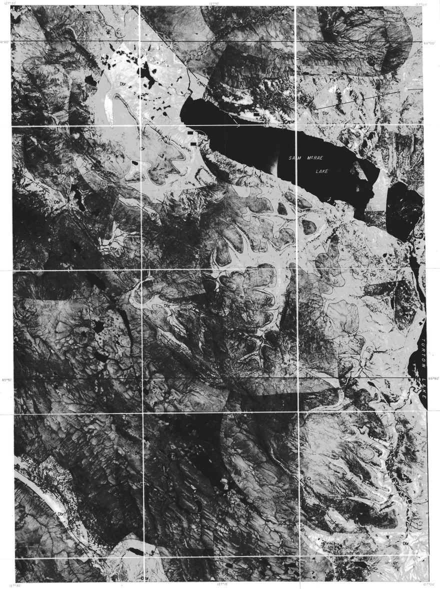
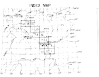


INDEX MAP



LEGEND

TOPOGRAPHICAL

1 Bush
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4 Winter Road
5 River

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PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

Abandoned Well
Salt Water Spring
Measured Section
Kodachrome Print No. and Direction Taken
P2224 P & N.G. Permit

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
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Mile ½ 0 1 2 3 Miles

APPROXIMATE SCALE IN MILES

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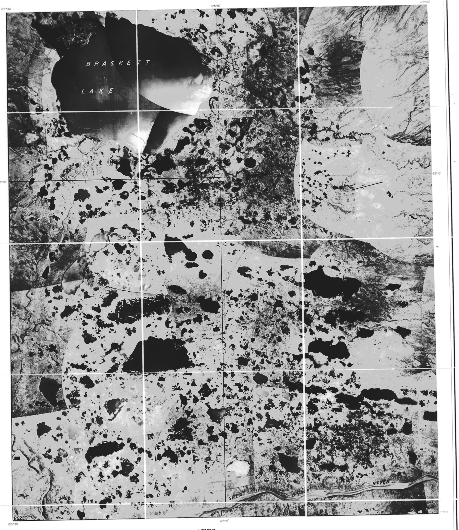
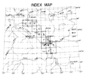

125°30'
125°15'
125°00'
BRACKETT
LAKE
65°10'
T
GREAT
BEAR
RIVER
P.2220
65°00'
125°30'
125°15'


INDEX MAP
12
13
14
11
10
8
9
7
6
2
1

TOPOGRAPHICAL
1 Bush
2 Lake
3 Muskeg
4 Winter Road
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1
2
3
4
5

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PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
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Sink Hole

MISCELLANEOUS

Abandoned Well
Salt Water Spring
Measured Section
Kodachrome Print No. and Direction Taken
P2224 P. & N.G. Permit

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
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APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

SHEET Nº6

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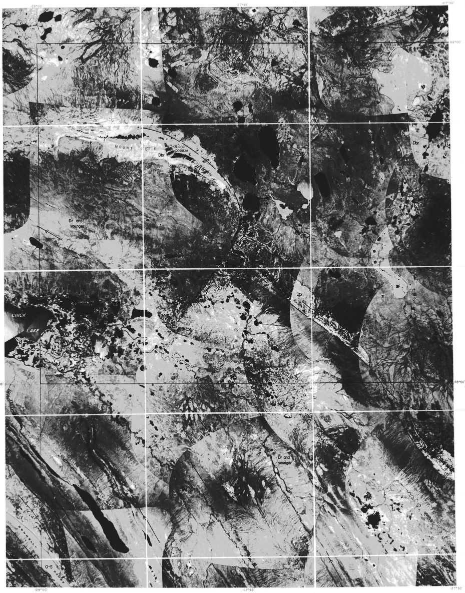
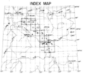


INDEX MAP



Note This is an uncontrolled map-mosaic and should not be mistaken for an accurate geographic base

LEGEND

TOPOGRAPHICAL

1 Bush
2 Lake
3 Muskeg
4 Winter Road
5 River

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PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

◇ Abandoned Well
Salt Water Spring
● Measured Section
Kodachrome Print No. and Direction Taken
P2224 P & N.G. Permit

PHOTOGEOLOGICAL MOSAIC

FORT NORMAN-KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

APPROXIMATE SCALE IN MILES

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January 1976

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MICROMAT
105 M.M.

11x January

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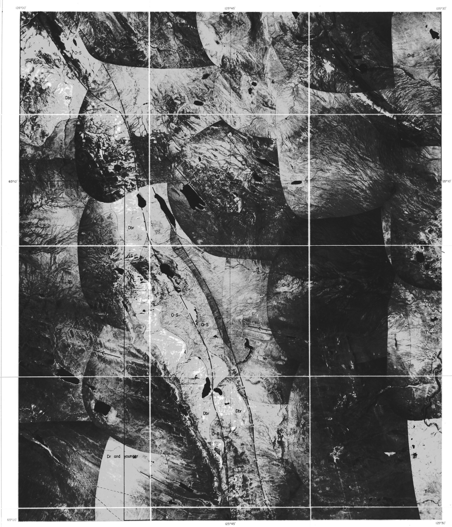
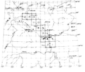


INDEX MAP



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LEGEND

TOPOGRAPHICAL

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MISCELLANEOUS

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
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PREPARED FOR

PLACID OIL COMPANY

Mile 1 ½ 0 1 2 3 Miles

APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

SHEET Nº 7

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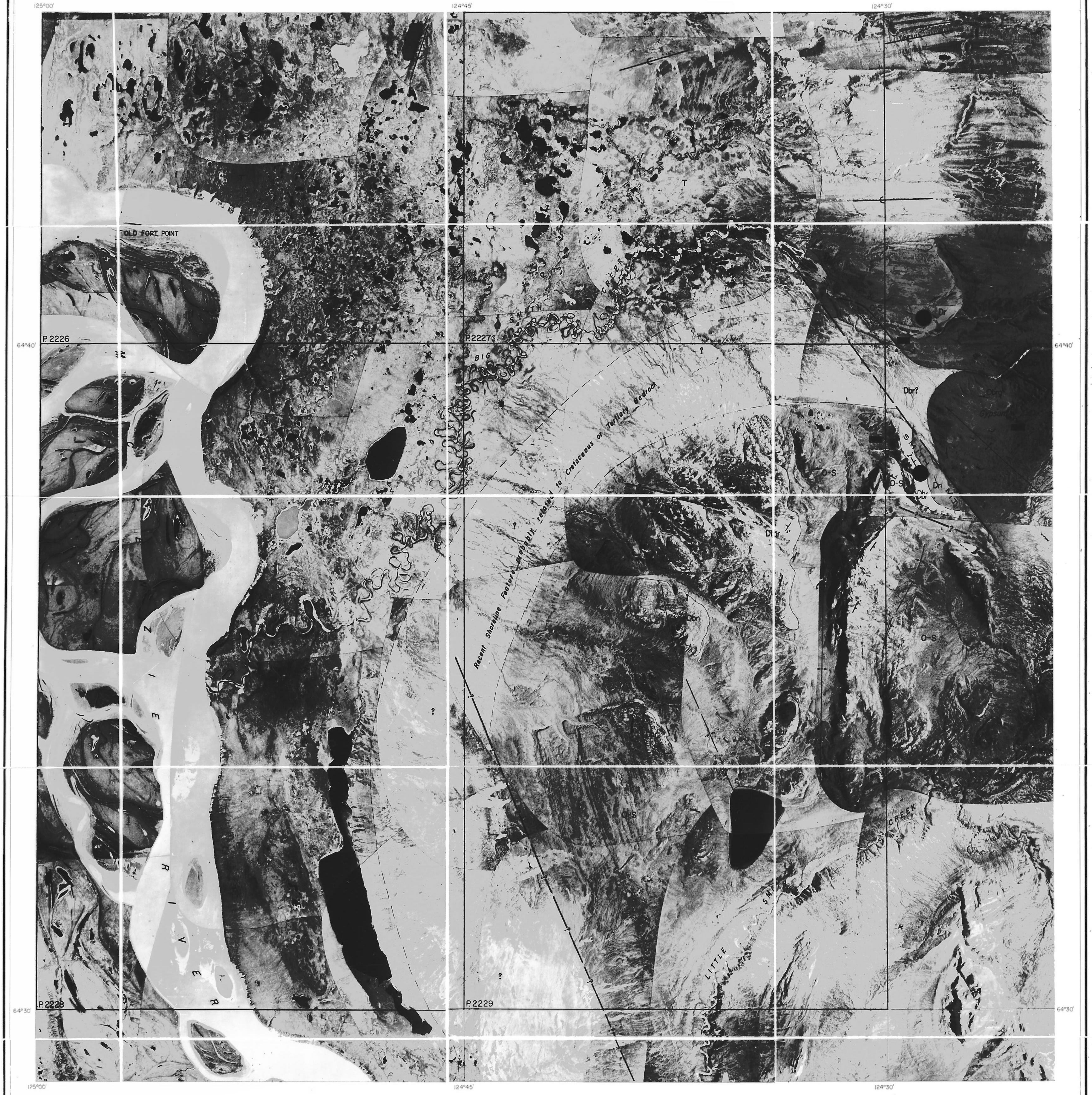
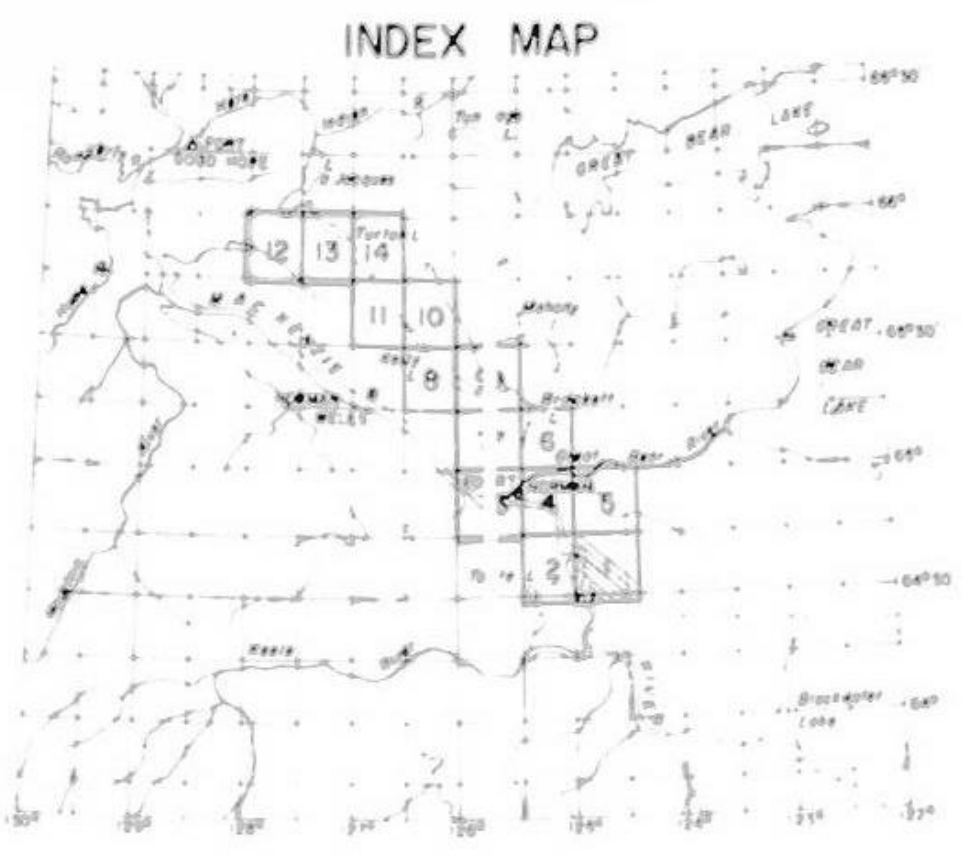
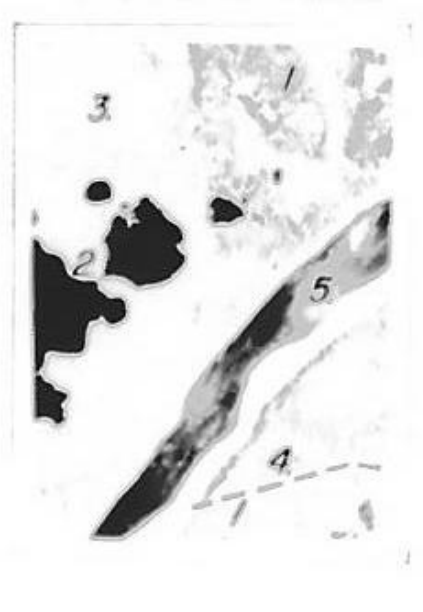

125°00'
124°45'
124°30'
64°40'
64°30'
OLD FORT POINT
P.2226
P.2227
P.2228
P.2229
BIG
CREEK
MACKENZIE RIVER
Recent Shoreline Feature probably related to Cretaceous or Tertiary Bedrock
T
Dbr?
Dbr
Dr
O-S
LITTLE
CREEK
?

INDEX MAP


GREAT BEAR LAKE
11
10
8
6
4
5
2

LEGEND

TOPOGRAPHICAL



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Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

Abandoned Well
Salt Water Spring
Measured Section
Kodachrome Print No and Direction Taken
P2224 P.& N.G. Permit

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Mile 1 ½ 0 1 2 3 Miles

APPROXIMATE SCALE IN MILES

J C Sproule & Associates, Calgary, Alberta, December 1958

SHEET Nº 1

5 - 7

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MICROMAT
105 M.M.

11x

January 197

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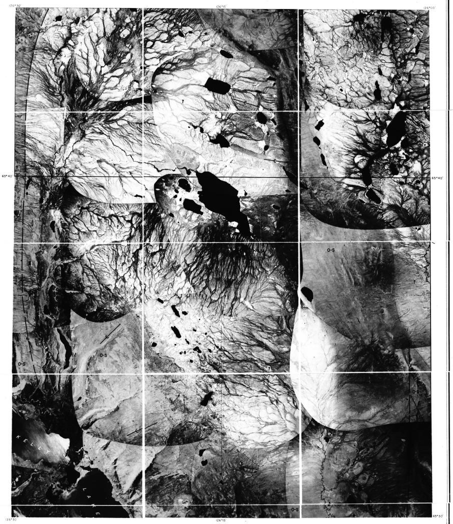
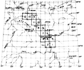


INDEX MAP



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- Dks Kee Scarp Reef of Upper Ramparts
- Dbr Bear Rock Formation
- Dbrg Bear Rock Gypsum

ORDOVICIAN-SILURIAN
- O-S Ronning Group

CAMBRIAN
- Csr Saline River Formation

- Geological Boundary (ascertained)
- Geological Boundary (conjectural)
- Bedding (inclined, vertical, horizontal, overturned)
- Fault (triangle indicates direction of dip)
- Anticline
- Anticline (overturned)
- Syncline

PHOTOGEOLOGICAL
- Bedding (inclined, horizontal)
- Glacial Lineation
- ○ Sink Hole

MISCELLANEOUS
- ◇ Abandoned Well
- Salt Water Spring
- ● Measured Section
- ■ Kodachrome Print No. and Direction Taken
- P2224 P.& N.G. Permit

PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Mile 1 1/2 0 1 2 3 Miles
APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

SHEET Nº 10

1 - 5 - 7

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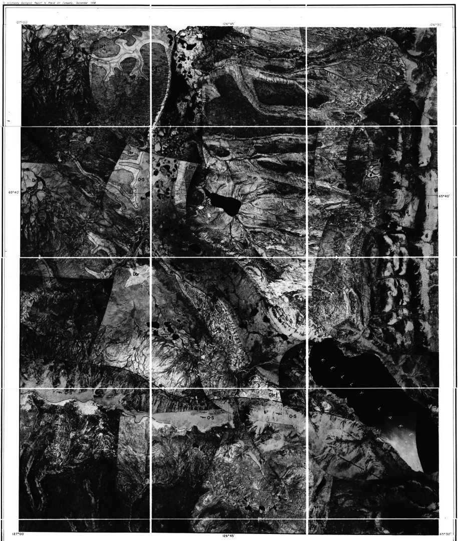
Phone 263-2555

MICROMAT
105 M.M.

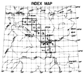
11x

January

To accompany Geological Report to Placid Oil Company, December 1958.



INDEX MAP



Note: This is an uncontrolled map-mosaic and should not be mistaken for an accurate geographic base

LEGEND

TOPOGRAPHICAL

1 Bush
2 Lake
3 Muskeg
4 Winter Road
5 River

GEOLOGICAL

TERTIARY
T Undifferentiated
CRETACEOUS
K Undifferentiated
Kef East Fork Formation
Kls Little Bear Formation
Ksr Slater River Formation
DEVONIAN
UD Upper Devonian, Imp. and Fort Creek Fm.
Dr Ramparts Group
Dks Kee Scarp Reef of Upper Ramparts
Dbr Bear Rock Formation
Dbrg Bear Rock Gypsum

ORDOVICIAN-SILURIAN
O-S Ronning Group
CAMBRIAN
€sr Saline River Formation
Geological Boundary (ascertained)
Geological Boundary (conjectural)
Bedding (inclined, vertical, horizontal, overturned)
Fault (triangle indicates direction of dip)
Anticline
Anticline (overturned)
Syncline

PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

Abandoned Well
Salt Water Spring
Measured Section
Kodachrome Print No. and Direction Taken
P2224 P & N.G. Permit

PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Mile 1 ½ 0 1 2 3 Miles

APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

SHEET Nº 11

- 5 - 7

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January

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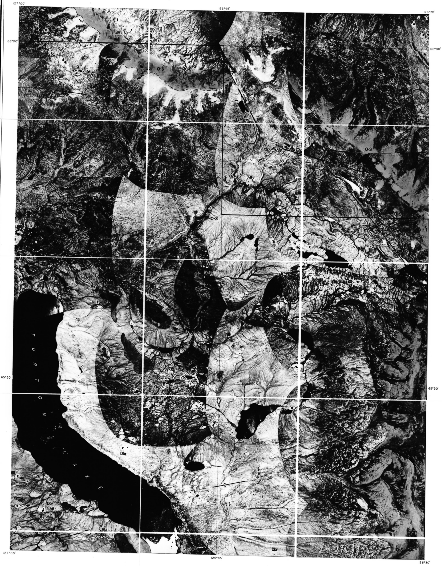
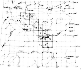


INDEX MAP



TOPOGRAPHICAL

1 Bush
2 Lake
3 Muskeg
4 Winter Road
5 River

LEGEND

GEOLOGICAL

TERTIARY
T Undifferentiated
CRETACEOUS
K Undifferentiated
Kef East Fork Formation
Klb Little Bear Formation
Ksr Slater River Formation
DEVONIAN
UD Upper Devonian, Imp. and Fort Creek Fm.
Dr Ramparts Group
Drs Scarp Reef of Upper Ramparts
Dbr Bear Rock Formation
Dbg Bear Rock Gypsum
ORDOVICIAN-SILURIAN
O-S Ronning Group
CAMBRIAN
Ksr Saline River Formation
Geological Boundary (ascertained)
Geological Boundary (conjectural)
Bedding (inclined, vertical, horizontal, overturned)
Fault (triangle indicates direction of dip)
Anticline
Anticline (overturned)
Syncline

PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
Sink hole

MISCELLANEOUS

Abandoned Well
Salt Water Spring
Measured Section
Kodachrome Print No. and Direction Taken
P2229 P.& N.G. Permit

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Mile 1 ½ 0 1 2 3 Miles
APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta December 1958

SHEET Nº 14

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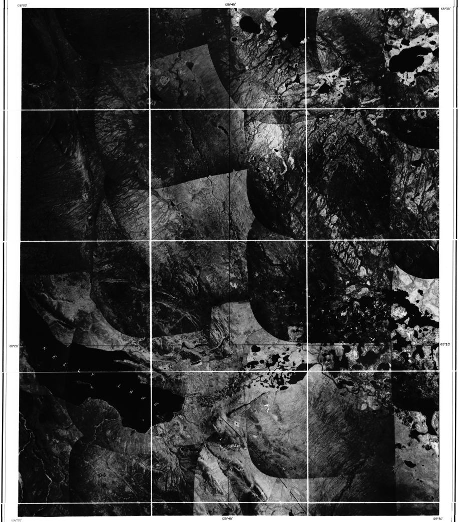
MICROMAT
105 M.M.

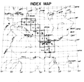
11x

January 197

To accompany Geological Report to Placid Oil Company, December 1958



INDEX MAP



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LEGEND

TOPOGRAPHICAL

1 Bush
2 Lake
3 Muskeg
4 Winter Road
5 River

GEOLOGICAL

TERTIARY

T	Undifferentiated

CRETACEOUS

K	Undifferentiated
Kef	East Fork Formation
Klb	Little Bear Formation
Ksr	Slater River Formation

DEVONIAN

UD	Upper Devonian, Imp. and Fort Creek Fm.
Dr	Ramparts Group
Dks	Kee Scarp Reef of Upper Ramparts
Sbr	Bear Rock Formation
Sbrg	Bear Rock Gypsum

ORDOVICIAN-SILURIAN

O-S	Ronning Group

CAMBRIAN

Csr	Saline River Formation

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Anticline (overturned)
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PHOTOGEOLOGICAL

Bedding (inclined, horizontal)
Glacial Lineation
Sink Hole

MISCELLANEOUS

◇ Abandoned Well
Salt Water Spring
● Measured Section
Kodachrome Print No. and Direction Taken
P2224 P.& N.G. Permit

PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Mile 1/2 0 1 2 3 Miles
APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

SHEET Nº 9

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January 197

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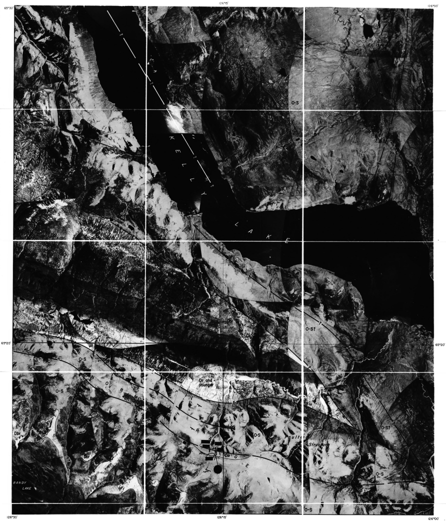
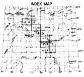


INDEX MAP



LEGEND

TOPOGRAPHICAL

1 Bush
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5 River

GEOLOGICAL

TERTIARY

T	Undifferentiated

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O-S	Ronning Group

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Anticline (overturned)

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PHOTOGEOLOGICAL

Bedding (inclined, horizontal)

Glacial Lineation

Sink Hole

MISCELLANEOUS

◇ Abandoned Well

Salt Water Spring

● Measured Section

Kodachrome Print No. and Direction Taken

P2224	P & N.G. Permit

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PHOTOGEOLOGICAL MOSAIC

FORT NORMAN–KELLY LAKE AREA

NORTHWEST TERRITORIES

BASED ON RECONNAISSANCE GEOLOGICAL FIELD WORK
AND PHOTOGEOLOGICAL STUDIES
PREPARED FOR

PLACID OIL COMPANY

Miles 1 1/2 0 1 2 3 Miles

APPROXIMATE SCALE IN MILES

J.C. Sproule & Associates, Calgary, Alberta, December 1958

SHEET Nº 8