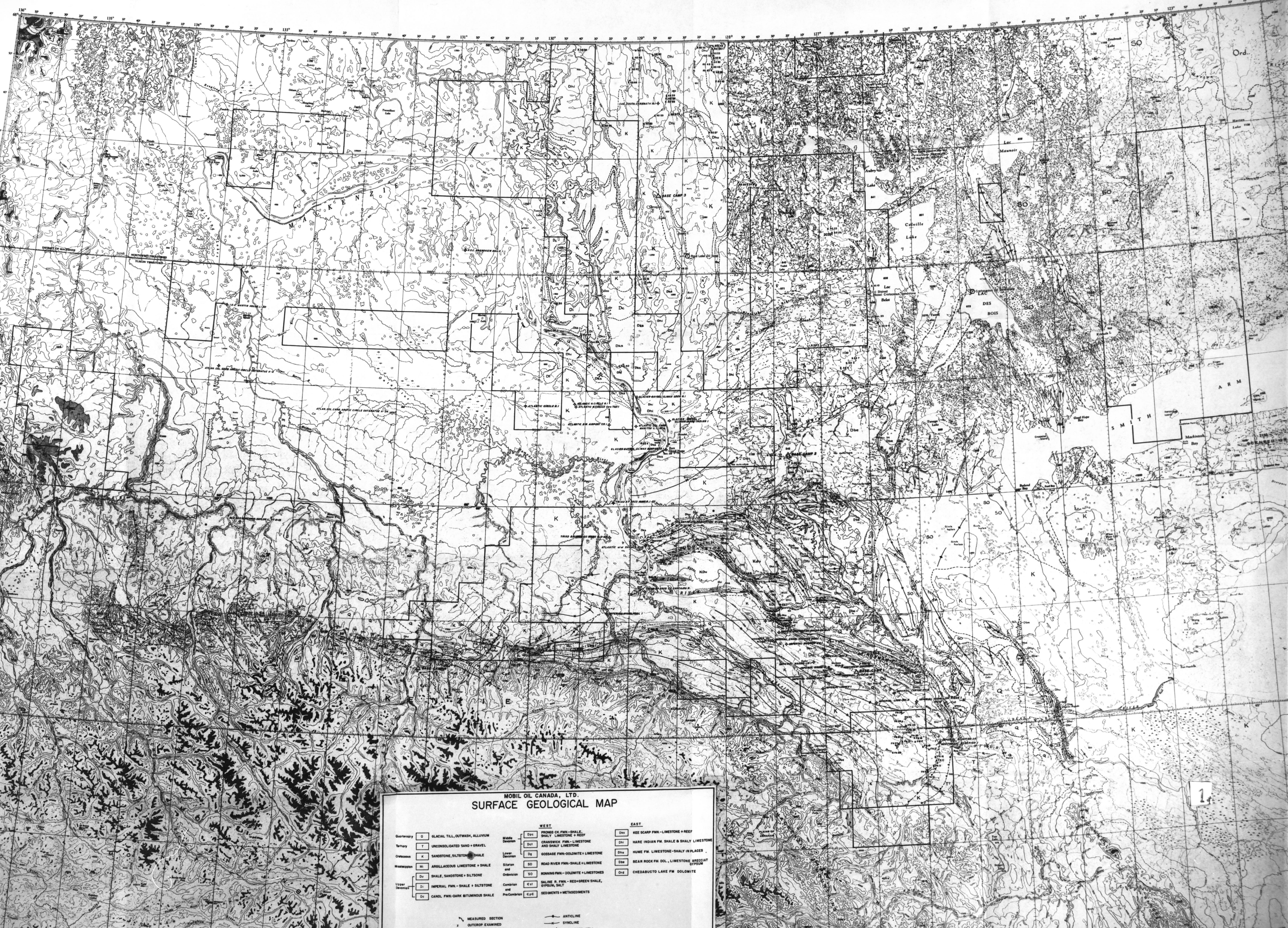




MOBIL OIL CANADA, LTD.
SURFACE GEOLOGICAL MAP

WEST		EAST	
Quaternary	Q	GLACIAL TILL, OUTWASH, ALLUVIUM	Q
Tertiary	T	UNCONSOLIDATED SAND & GRAVEL	T
Oreocenes	K	SANDSTONE, SILTSTONE & SHALE	K
Mesozoic	M	ARGILLACEOUS LIMESTONE & SHALE	M
Upper Devonian	Du	SHALE, SANDSTONE & SILTSTONE	Du
Lower Devonian	Dl	IMPERIAL FM. - SHALE & SILTSTONE	Dl
Carboniferous	C	CANOL FM. - DARK BITUMINOUS SHALE	C
Paleozoic	P	PERMIAN FM. - SHALE, SANDSTONE & SILTSTONE	P
Triassic	Tr	TRIASSIC FM. - SANDSTONE & SHALE	Tr
Jurassic	J	JURASSIC FM. - SANDSTONE & SHALE	J
Cretaceous	Cr	CRETACEOUS FM. - LIMESTONE & SHALE	Cr
Tertiary	T	TERTIARY FM. - LIMESTONE & SHALE	T
Quaternary	Q	QUATERNARY FM. - LIMESTONE & SHALE	Q

MEASURED SECTION
OUTCROP EXAMINED
FORMATION BOUNDARY
NORMAL FAULT - DASH ON DOWN-THROW SIDE

ANTICLINE
SYNCLINE
ABANDONED WELL
OIL WELL



MOBIL OIL CANADA, LTD.
SURFACE GEOLOGICAL MAP

WEST		EAST	
Quaternary	0 GLACIAL TILL, OUTWASH, ALLUVIUM	Dm	KEE SCARP FM. - LIMESTONE + REEF
Tertiary	1 UNCONSOLIDATED SAND + GRAVEL	Dm	HARE INDIAN FM. - SHALE + SHALY LIMESTONE
Ordovician	2 SANDSTONE, SILTSTONE + SHALE	Dm	HUME FM. LIMESTONE - SHALY IN PLACES
Mississippian	3 ARGILLACEOUS LIMESTONE + SHALE	Dm	BEAR ROCK FM. DOG. LIMESTONE, BRIOCCAT GYPSUM
Devonian	4 SHALE, SANDSTONE + SILTSTONE	Dm	CHESAPEAKE LAKE FM. DOLOMITE
Carboniferous	5 IMPERIAL FM. - SHALE + SILTSTONE		
Permian	6 CAROL FM. - DARK BITUMINOUS SHALE		

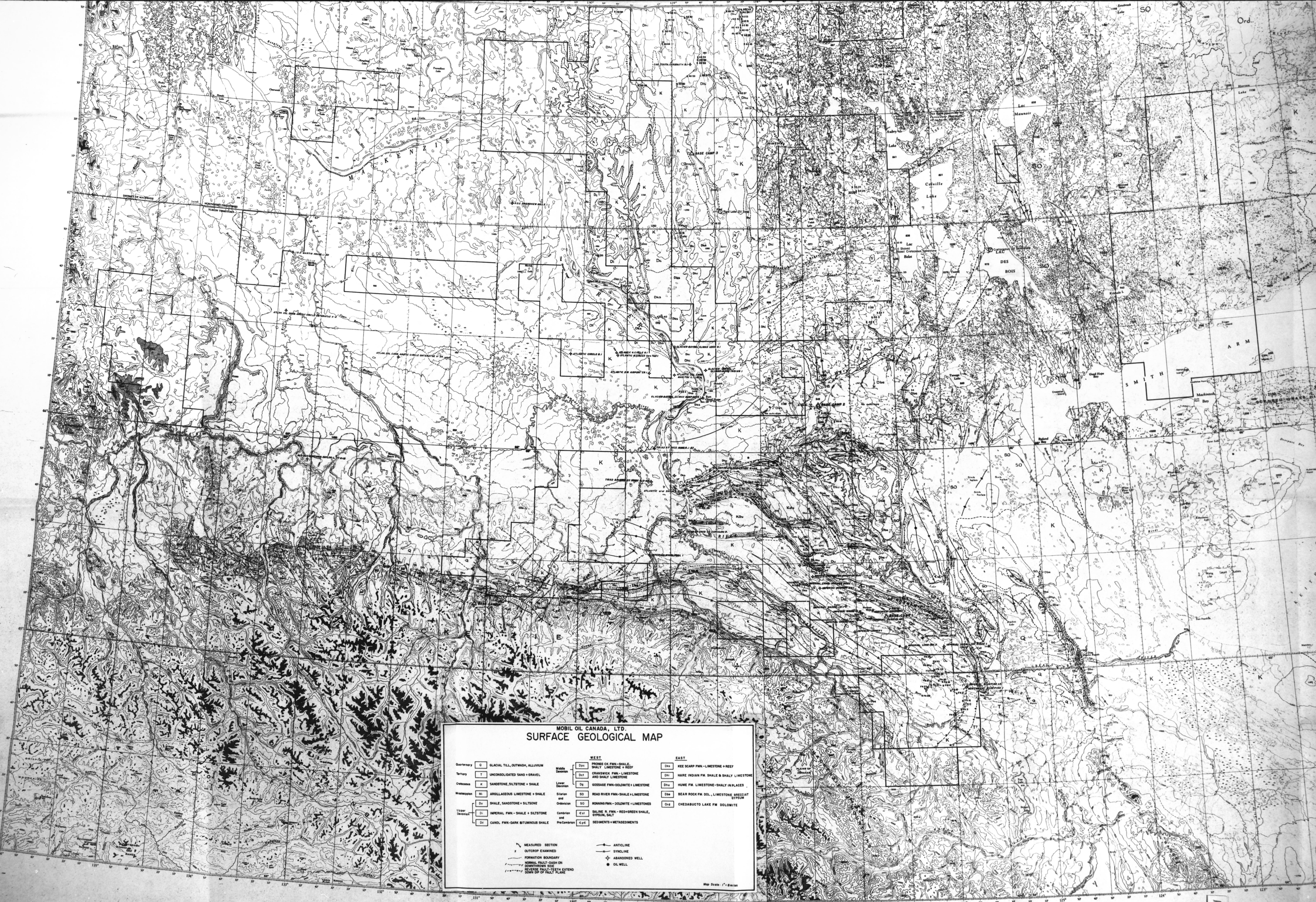
MEASURED SECTION
OUTCROP EXAMINED
FORMATION BOUNDARY
NORMAL FAULT - DASH ON DOWNTHROW SIDE
REVERSE FAULT - TEETH EXTEND DOWN UP OF FAULT PLANE

ANTICLINE
SYNCLINE
ABANDONED WELL
OIL WELL

MOBIL OIL CANADA, LTD.
NORTHERN CANADA AREA

SECTION AND SAMPLE LOCATION MAP

100% MOBIL ACREAGE
MOBIL JOINT ACREAGE
SECTION LOCATION
SAMPLE LOCATION
FIELD PARTY BASE CAMP



MOBIL OIL CANADA, LTD.
SURFACE GEOLOGICAL MAP

			WEST		EAST		
Quaternary	Q	GLACIAL TILL, OUTWASH, ALLUVIUM	D1a	ROSS CK FM. - SHALE & SHALY LIMESTONE + REEF	D1a	KEE SCARP FM. - LIMESTONE + REEF	
Tertiary	T	UNCONSOLIDATED SAND + GRAVEL		D1b	CRANBURY FM. - LIMESTONE AND SHALY LIMESTONE	D1b	HARE INDIAN FM. - SHALE & SHALY LIMESTONE
Ordovician	K	SANDSTONE, SILTSTONE + SHALE	Lateral Discontinuity	D1c	ROSSAGE FM. - DOLOMITE + LIMESTONE	D1c	HUME FM. LIMESTONE - SHALY IN PLACES
Wasatchian	M	ARGILLACEOUS LIMESTONE + SHALE		D1d	ROAD RIVER FM. - SHALE + LIMESTONE	D1d	BEAR ROCK FM. DOL., LIMESTONE, BRECCIAT GYPSUM
Upper Devonian	Dv	SHALE, SANDSTONE + SILTSTONE	Discontinuity	D1e	ROBINSON FM. - DOLOMITE + LIMESTONES	D1e	CHESADEBUTO LAKE FM. DOLOMITE
	D1	IMPERIAL FM. - SHALE + SILTSTONE	Conformity	C1d	SALINE R. FM. - RED-GREEN SHALE, GYPSUM, SALT		
	D2	CANOL. FM. - DARK BITUMINOUS SHALE	Pre-Conformity	C1p	SEDIMENTS + METASEDIMENTS		

- MEASURED SECTION
- OUTCROP EXAMINED
- FORMATION BOUNDARY
- NORMAL FAULT - DASH ON DOWNTHROW SIDE
- REVERSE FAULT - TEETH EXTEND DOWN UP OF FAULT PLANE
- ANTICLINE
- SYNCLINE
- ABANDONED WELL
- OIL WELL

Map Scale: 1" = 5 miles



MOBIL OIL CANADA, LTD.
SURFACE GEOLOGICAL MAP

Quaternary	Q	GLACIAL TILL, OUTWASH, ALLUVIUM	Upper Devonian	D1	IMPERIAL FM. - SHALE + SILTSTONE	WEST	D11	PRINGS CR. FM. - SHALE, SHALY LIMESTONE + REEF	EAST	D11	KEE SCARP FM. - LIMESTONE + REEF
Tertiary	T	UNCONSOLIDATED SAND + GRAVEL	Lower Devonian	D2	SANDSTONE, SILTSTONE + SHALE		D12	CRANSWICK FM. - LIMESTONE AND SHALY LIMESTONE		D12	HARE INDIAN FM. SHALE & SHALY LIMESTONE
Carboniferous	C	SANDSTONE, SILTSTONE + SHALE	Sturton and	S0	ARGILLACEOUS LIMESTONE + SHALE		D13	GOSBAGE FM. - DOLOMITE + LIMESTONE		D13	HUNE FM. LIMESTONE - SHALY IN PLACES
Mississippian	M	ARGILLACEOUS LIMESTONE + SHALE	Ordovician	S0	SHALE, SANDSTONE + SILTSTONE		D14	ROAD RIVER FM. - SHALE + LIMESTONE		D14	BEAR ROCK FM. DOG. LIMESTONE BRECCIA + STYFON
							D15	RONNING FM. - DOLOMITE + LIMESTONE		D15	CHESAPEAKE LAKE FM. DOLOMITE
			Carboniferous and Pre-Cambrian	C1	SAND. FM. - DARK BITUMINOUS SHALE		C1	SALINE R. FM. - RED + GREEN SHALE, STYFON, SALT			
							C1C	SEDIMENTS + METASEDIMENTS			

- MEASURED SECTION
- OUTCROP EXAMINED
- FORMATION BOUNDARY
- NORMAL FAULT - DASH ON DOWNTHROW SIDE
- REVERSE FAULT - DASH EXTEND DOWN UP OF FAULT PLANE
- ANTICLINE
- SYNCLINE
- ABANDONED WELL
- OIL WELL

MOBIL OIL CANADA, LTD.
NORTHERN CANADA AREA

SECTION AND SAMPLE LOCATION MAP

- 100% MOBIL ACREAGE
- MOBIL JOINT ACREAGE
- SECTION LOCATION
- SAMPLE LOCATION
- FIELD PARTY BASE CAMP

SCALE: 1 inch = 8 miles

494