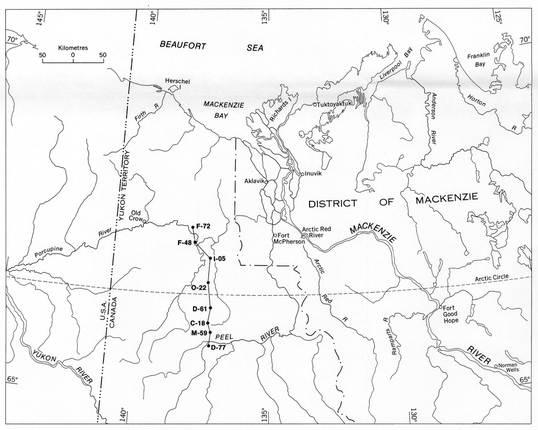
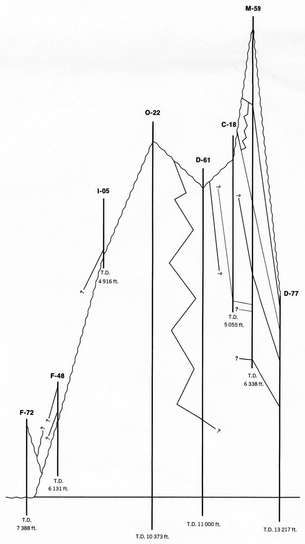
GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES

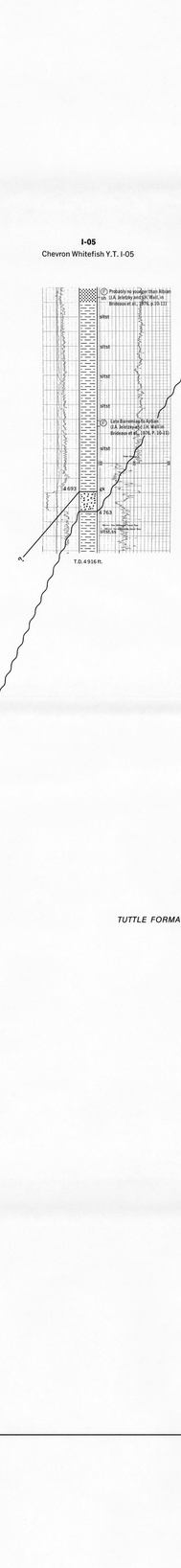
26 Kilometres | 37 Kilometres | 42 Kilometres | 41 Kilometres | 25 Kilometres | 16 Kilometres | 23 Kilometres

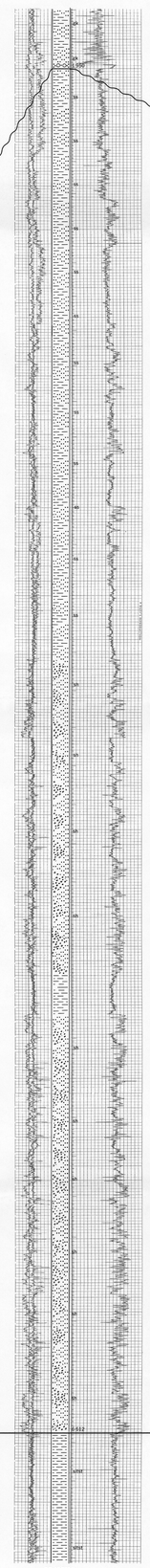


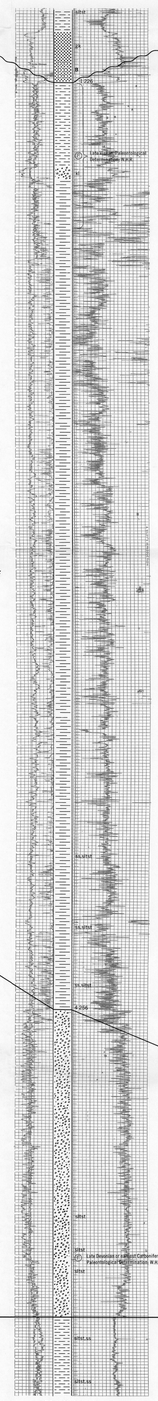
Index map showing location of columnar sections

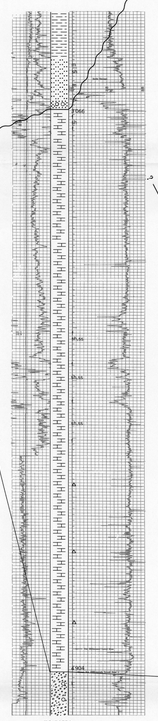


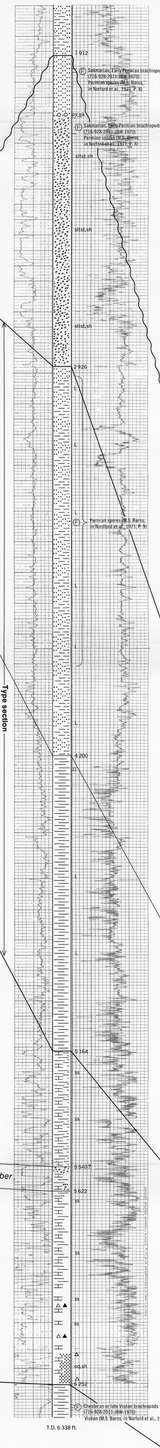
Diagrammatic structure section F-72 to D-77

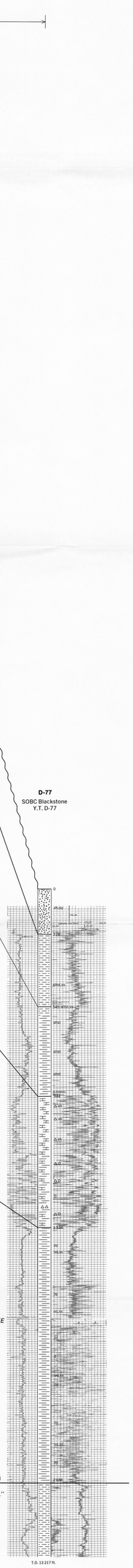


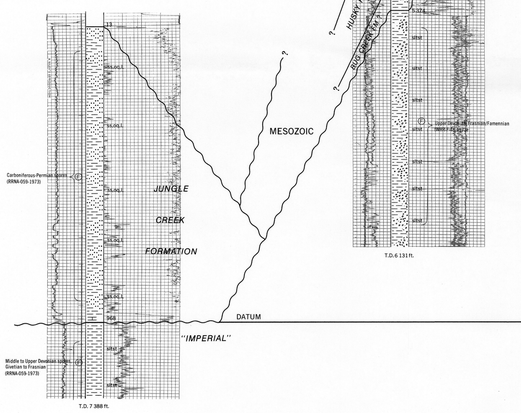


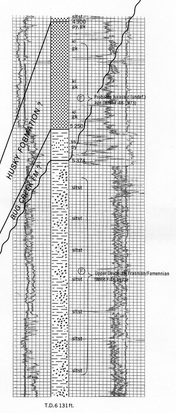












ETTRAIN FORMATION

BLACKIE FORMATION

Type section

JUNGLE CREEK FORMATION

Upper brown-gray shale and siltstone

Lower black shale

HART RIVER FORMATION

Chance Sandstone Member

TUTTLE FORMATION

HUSKY FORMATION

BOG CREEK FM.

MESOZOIC

JUNGLE CREEK FORMATION

FORD LAKE SHALE

"IMPERIAL"

DATUM

LEGEND

Shale
Black shale
Sandstone
Conglomeratic sandstone
Siltstone
Limestone
Dolomite
Pale chert
Dark chert
Silicified (argillite, orthoquartzite etc.)
Black argillite
No sample available
Samples not described

ACCESSORIES

Shale	sh
Sandstone	ss
Siltstone	slst
Limestone	L
Dolomite	D
Anhydrite	ah
Salt	na
Orthoquartzite	oq
Fossiliferous	F
Calcite	ca
Quartz	q
Glauconite	gk
Micaceous	m
Porosity	p
Pyrite	py
Kaolinitic	kl
Pale chert	△
Dark chert	▲
Oolitic chert	⁂
Oolite	●
Pelletal	O
Paleontological dating (for detail, see Appendix I)	(F)
Approximate feet	≤350
Finely crystalline	fx
Medium crystalline	mx
Coarsely crystalline	cx

COLOURS

Green	G (G)
Purple	P (P)
Red	R (R)
Yellow	Y (Y)
Brown	B (B)

Note: Brackets indicate minor amounts

MAXIMUM SAND GRAIN SIZE

Fine	f
Very fine	vf
Coarse	co
Very coarse	vco

Unconformity
Formational boundary
Member boundary
Facies change
Lithofacies, present in minor amounts, as shown by the appropriate code letters ▲ sh
Paleontological Report (Appendix I) (M-59-R-1975)
Well History Report (M-59-R-1973)

Note: All logs predate metrication, therefore all depths are indicated in feet

Geology by D.C. Pugh, 1975-77

To accompany GSC Memoir 401 by D.C. Pugh

Drafting by G.S. Whitman, Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada

Printed by the Surveys and Mapping Branch. Published, 1983

Figure 33. Upper Paleozoic stratigraphic cross-section F-72 to D-77

Figure 33
Memoir 401

Canada

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