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GEOLOGICAL REPORT  
OF THE  
FORT NORMAN AREA, NORTHWEST TERRITORIES  
CANADA



Abstracted for  
Geo-Science Data Index

Date \_\_\_\_\_

Prepared For  
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## ILLUSTRATIONS

### I IN BOOK REPORT

FIGURE 1	Regional location and permit location map	Opposite Page 1
FIGURE 2	Physiographic and structural provinces	Opposite Pages 9 & 39
FIGURE 3	Location map of stratigraphic sections, samples and field check stations	Opposite Page 15
FIGURE 4	Location index map of fence diagram	Opposite Page 16
TABLE 1	Table of formations	Opposite Page 14
TABLE 2	Devonian nomenclature - Norman Wells area	Opposite Page 29

### II IN APPENDIX (MAP CASE) ACCOMPANYING BOOK REPORT

Two AREAL GEOLOGY AND STRUCTURAL INTERPRETATION MAPS of the Fort Norman Area, Northwest Territories, Canada  
Scale - one inch to two miles.

FIGURE 5 FENCE DIAGRAM of Cambrian through Quaternary sediments (for location see FIGURE 4).  
Horizontal scale: One inch to two miles.  
Vertical scale: One inch to two thousand feet.

FIGURES 6 through 11 are at a scale of one inch to eight miles.

- FIGURE 6 ISOPACH MAP, Tertiary system (T)  
FIGURE 7 ISOPACH MAP, Cretaceous system (K)  
FIGURE 8 ISOPACH MAP, Upper Devonian Series (Du)  
FIGURE 9 ISOPACH MAP, Middle Devonian-Ilume formation (Dmh)  
FIGURE 10 ISOPACH MAP, Middle Devonian-Bear Rock formation (Dmbr)  
FIGURE 11 ISOPACH MAP, Silurian and Ordovician systems (SO)

LITHOLOGIC STRIP LOGS OF SIXTEEN STRATIGRAPHIC SECTIONS prepared at a vertical scale of 1 inch to one hundred feet (for locations see FIGURE 3).

BOSWORTH CREEK	Stratigraphic Section # 1
NOTA CREEK	Stratigraphic Section # 5
ST. CHARLES CREEK	Stratigraphic Section # 8
MOUNT CLARK	Stratigraphic Section # 10
BEAR ROCK	Stratigraphic Section # 11

MACKAY RANGE	Stratigraphic Section # 12
SUMMIT CREEK	Stratigraphic Section # 14
SUMMIT CREEK	Stratigraphic Section # 14M
RATION CREEK	Stratigraphic Section # 15
ROUGE MOUNTAIN RIVER SOUTH	Stratigraphic Section # 16
ROUGE MOUNTAIN RIVER	Stratigraphic Section # 17
GROTTO CREEK	Stratigraphic Section # 18
DODO CREEK	Stratigraphic Section # 20
WALKER CREEK	Stratigraphic Section # 23
WALKER CREEK ANTICLINE	Stratigraphic Section # 24
IMPERIAL RIVER	Stratigraphic Section # 25

IDENTIFICATION KEY OF FIELD SAMPLES (for locations see FIG. 3)

PART ONE	PALYNOLOGICAL	SAMPLES
PART TWO	MACROFAUNAL	SAMPLES
PART THREE	MICROFAUNAL	SAMPLES
PART FOUR	LITHOLOGIC	SAMPLES

IDENTIFICATION KEY TO FIELD CHECK LOCATIONS ( for locations  
see FIG. 3)

Field check locations and stratigraphic  
reference sections.

TABLE OF FOSSIL SPORE SAMPLES

Fossil identification by Dr. G. E. Rouse, Vancouver.

