



DESCRIPTIVE NOTES

The map-area was mainly covered from helicopter traverses flown east or west at intervals of 6 to 7 miles. Extensive use was made of aerial photographs to interpret the geology between flight lines and in the region north of Great Bear Lake where exposures are few.

Following former usage, the terms Epworth formation and Coppermine River series have been retained, although each assemblage contains at least two mappable rock units.

The upper part of the Coppermine River series (13-17) consists of about 15,000 feet of inter-layered sandstone, shale, and dolomite, with minor limestone and gypsum.

White or grey, gritty, friable to well-indurated, cross-bedded sandstone (20), overlies dolomite (21) of the Hornby Bay group with slight angular unconformity north of Dease Arm, Great Bear Lake.

A detailed account of exploration and mining activity in the Northwest Territories, including the map-area, was prepared by Lord. The only producing mine in the map-area is that of Eldorado Mining and Refining Limited at Port Radium.

Mineralogical and petrological studies were conducted on the rocks of the map-area. The only producing mine in the map-area is that of Eldorado Mining and Refining Limited at Port Radium.

Small faults cut Proterozoic and older rocks. These most commonly trend northeast, or north to northwest. Along several of the northeasterly trending faults, the north block is known to have moved east and in some cases, relative to the south block.

MAP 18-1960  
NORTH-CENTRAL DISTRICT OF MACKENZIE  
NORTHWEST TERRITORIES  
PARTS OF SHEETS 86, 87, 88, AND 87