

**LEGEND**

**PROTEROZOIC**

14 Diabase, gabbro, minor diorite and hornblende

ET-THEN GROUP (12, 13)  
12 PREBLE FORMATION: sandstone, quartzite, minor conglomerate  
13 MURKY FORMATION: conglomerate, minor sandstone

Granodiorite, quartz diorite, minor quartz porphyry, 11A, granite

10 GREAT SLAVE GROUP (Upper part) (6-10)  
PEARSON FORMATION: andesite, basalt, trachyte, some argillite

9 TOCHATWI FORMATION: shale, argillite, sandstone

8 STARK FORMATION: dolomite, limestone, breccia, shale

6 UNION ISLAND GROUP  
Dolomite, argillite, slate

GREAT SLAVE GROUP (Lower part) (5-7)  
PETHEI FORMATION: limestone and dolomite, in part argillaceous

5 KAMOCHELLA FORMATION: shale, slate, argillite, arkose, iron formation, limestone, tuff, breccia, agglomerate, andesite, 6A, tuff, agglomerate, andesite

5 SOSAN FORMATION: sandstone, quartzite, grit, conglomerate

4 Granite, granodiorite, and allied rocks in part gneissic and impure and gradational into 3, 4A, muscovite granite, granodiorite, and pegmatite

Gneissic complex, undifferentiated gneisses including impure and gneissic granitic rocks: mixed gneisses (migmatites) containing 25 to 75 per cent sedimentary and volcanic schists and gneisses in granitic material, "granitized" paragneiss, mylonites. Gradational into 2 and 4

**ARCHAIC**

WILSON ISLAND GROUP  
Phyllite, schist, quartzite, dolomite, iron formation

2A YELLOWKNIFE GROUP (1, 2)  
2A quartzite, grit, arkose, gneiss, chlorite schist, 2B, knotted quartz-diorite schist and hornfels derived from and grading into gneiss and slate, minor siliceous argillite and volcanic schist, 2C, paragneiss derived from 2B

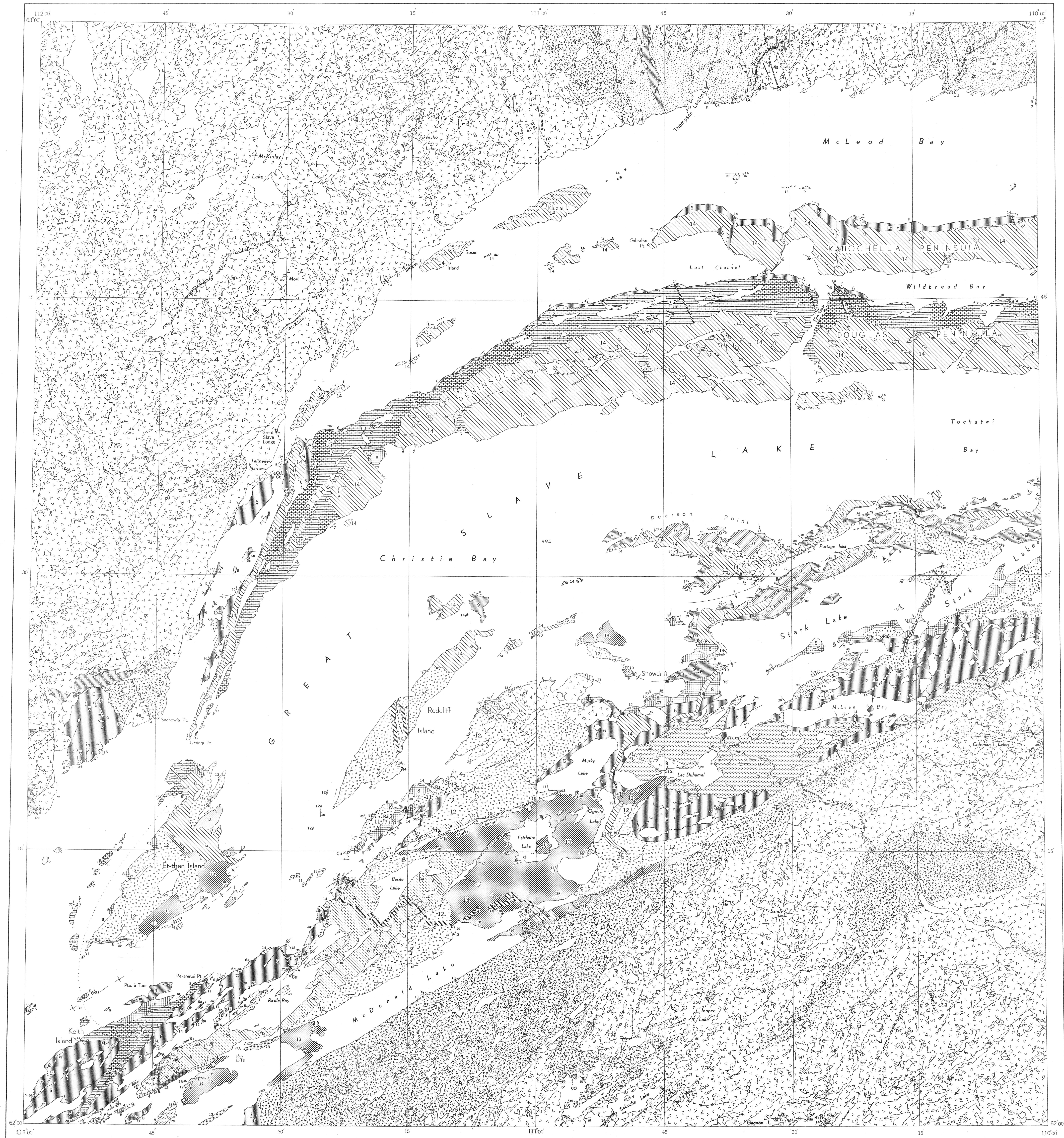
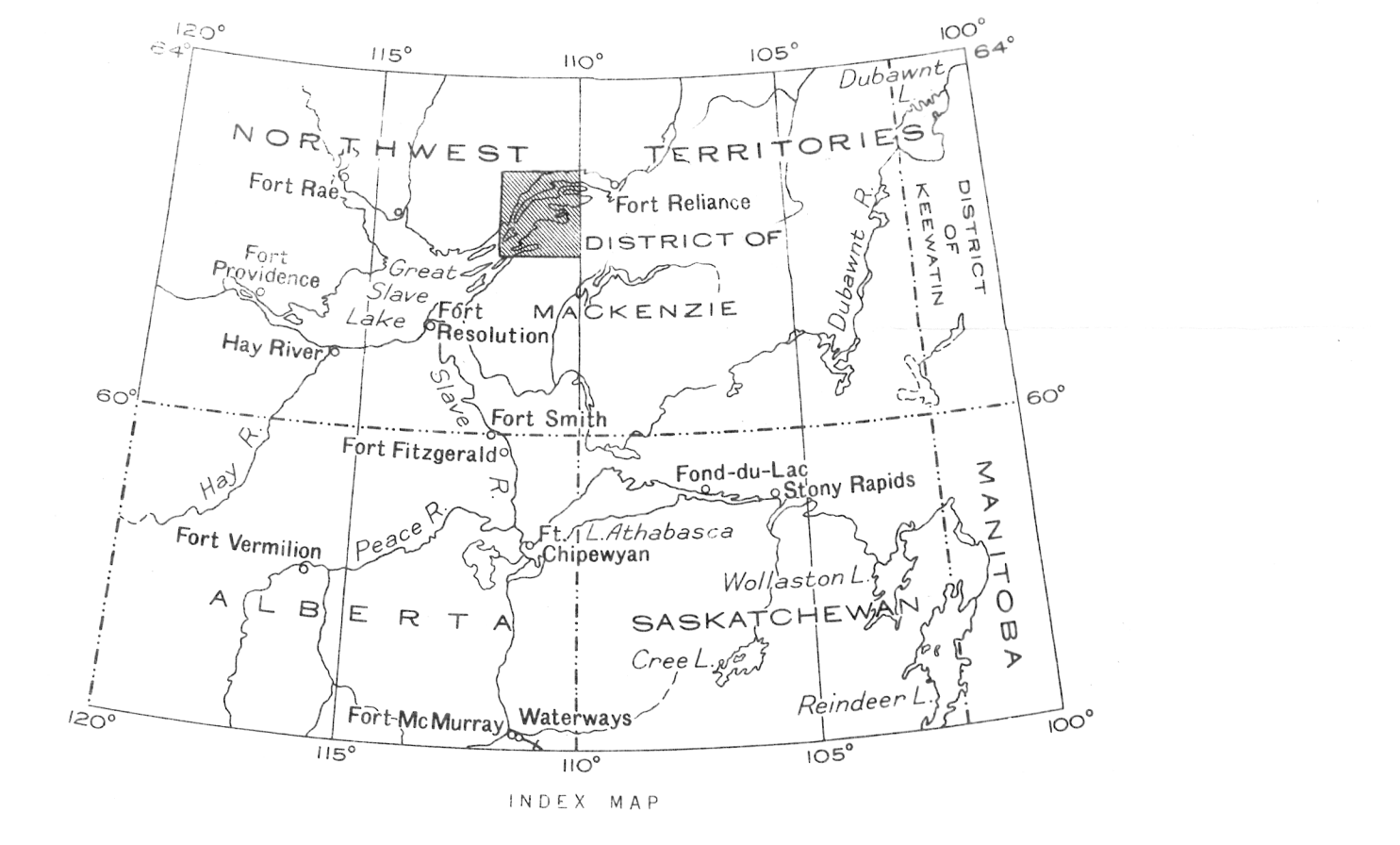
Andesite, diorite, basalt, tuff, agglomerate

Bedding (inclined, vertical, overturned) .....  
Bedding (direction of dip known, upper side of bed unknown) .....  
Schistosity, gneissosity (inclined, vertical, direction of dip unknown) .....  
Fault (defined, approximate) .....  
Anticline (position approximate) .....  
Syncline (position approximate) .....  
Glacial striae .....  
Dike ridge .....  
Esker, sand ridge .....  
Area of abundant sand .....  
Mineral prospect or occurrence ..... Cu

**SYMBOLS FOR METALS**  
Cobalt ..... Co  
Copper ..... Cu  
Nickel ..... Ni  
Iron ..... Fe  
Radioactive occurrence ..... Ra

Geology by C. H. Stockwell, 1929, 1930, 1931; A. C. Brown, 1942;  
F. Q. Barnes (Snowdrift area), 1950; and G. M. Wright, 1953

Base-map by Topographical Survey 1938  
Geographic names subject to revision  
Approximate magnetic declination, 32° 25' East



PRELIMINARY MAP 51-25A  
**CHRISTIE BAY**  
DISTRICT OF MACKENZIE  
NORTHWEST TERRITORIES  
Scale: One Inch to Two Miles =  $\frac{1}{126,720}$   
Miles  
PUBLISHED 1957