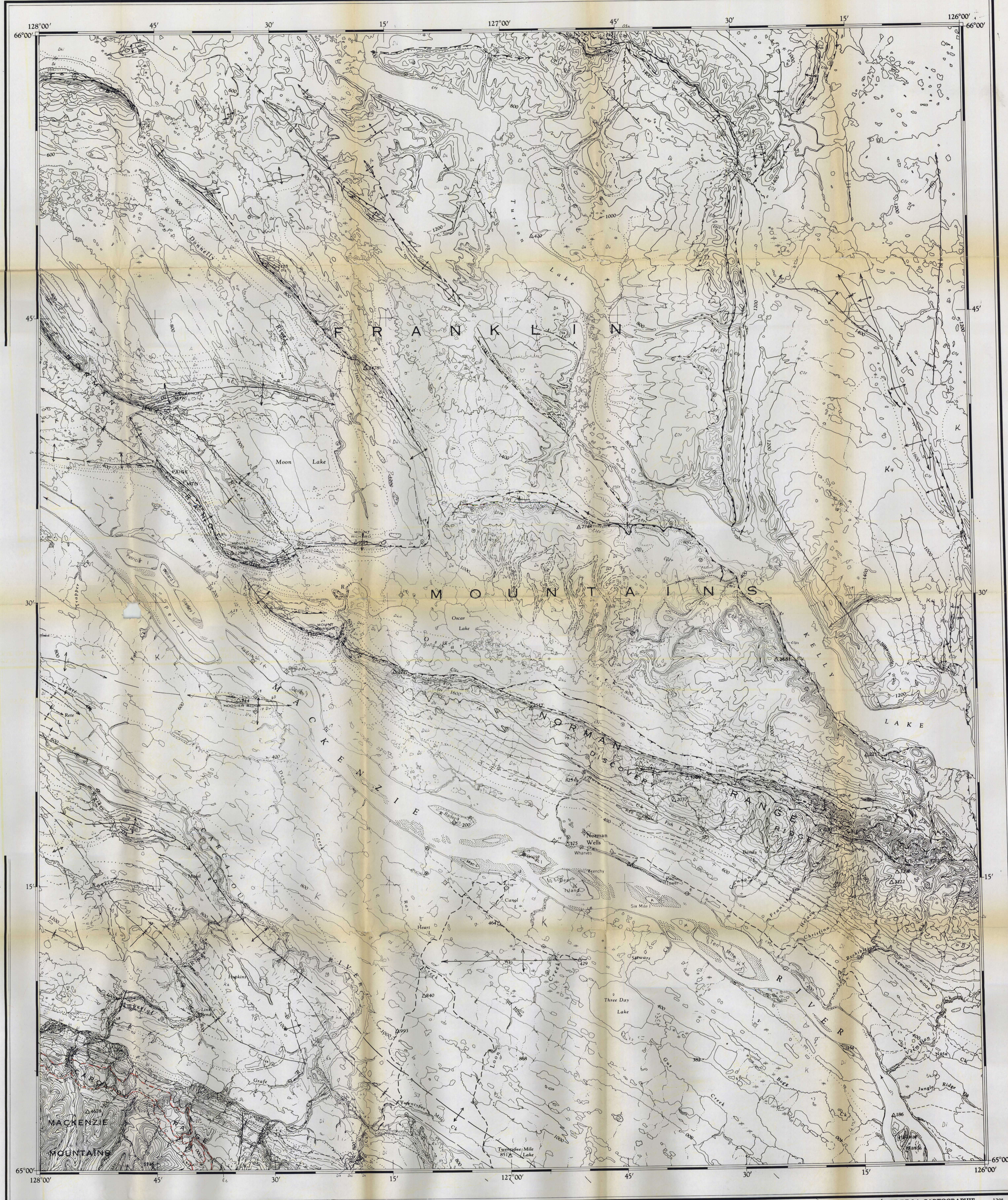


OPENFILE
304
GEOLOGICAL SURVEY
OF CANADA



LEGEND 96E

QUATERNARY	
Qa	Alluvium, largely gravel
CRETACEOUS	
UPPER CRETACEOUS	
Ka	Summit: sandstone, chert; pebbles conglomerate; shale, black
LOWER AND UPPER CRETACEOUS	
Kc	TREVOR FORMATION: sandstone; shale; marine
LOWER CRETACEOUS	
Ka, Kb	ARCTIC RED FORMATION: sh., shale; sandstone; marl; sh., basal sandstone and conglomerate
DEVONIAN	
UPPER DEVONIAN	
D1	IMPATIAL FORMATION: shale; sandstone; minor limestone; marine
D2	CANAL FORMATION: shale, black; siltstone; bituminous; marine
MIDDLE DEVONIAN	
D3	BARRETT FORMATION: limestone, largely skeletal; fragmental local shale interbedded in lower part; marine
D4	HARD INDIAN FORMATION: shale; minor siltstone and limestone; marine
D5	HORN FORMATION: limestone, fossiliferous; minor shale; marine
LOWER DEVONIAN	
D6	BEAR ROCK FORMATION: dolomite; dolomite solution-features; sandstone; gypsum. Locally may include thin Dolome Formation at base
ORDOVICIAN AND SILURIAN	
O5A	HEAVY KINDER FORMATION: dolomite, fossiliferous; siltstone; minor chert; marine
CAMBRIAN AND ORDOVICIAN	
CAMBRIAN AND LOWER ORDOVICIAN	
C1	FRANKLIN MOUNTAIN FORMATION: undifferentiated
CAMBRIAN	
C2	DELTA RIVER FORMATION: red beds
C3	shale, siltstone, sandstone; salt; anhydrite; gypsum; dolomite; marine
LOWER AND MIDDLE CAMBRIAN	
C4	HEAVY CAP FORMATION: shale; thin-bedded limestone; sandstone; siltstone; marine
PROTEROZOIC	
HULLIN (?)	
H1	Upper division: quartzite; dolomite; shale; marine and (?) sandstone; sh., lower division: mostly quartzite; minor shale and dolomite; marine and (?) sandstone
H2	TRIDENTINE FORMATION: shale; sandstone; dolomite; marble; gabbro sills

Shallow borehole sample
 Geological boundary (defined, approximate, assumed)
 Bedding (inclined)
 Photogeological strike and dip
 Fault, normal (defined, assumed; solid circles on downthrown side)
 Fault, sense of displacement unknown (defined, assumed)
 Fault, thrust or reverse (defined, assumed; north on upthrown side)
 Lineament
 Anticline, trace of axial plane (defined, approximate)
 Syncline, trace of axial plane (defined, approximate)
 Ground observation (mapping station)
 Exploratory well
 Internal cataloguing system, studied by: K.S. MacKenzie, MR; R.A. Macquon, M; C.J. Yurch, TE

Area of disturbance
 Geological compilation by R.C. Cook and J.D. Aitken (1975); based on results of vertical aerial photographs and air and ground observations by J.D. Aitken, M.T. Spring, H.B. Stubbins, D.C. Cook, K.S. MacKenzie, R.A. Macquon, J.L. Loner, and C.J. Yurch (1969, 1970, 1971) and published and unpublished geological reports.

OF THE COMPASS NEEDLE 1959
MAGNÉTIQUE EN 1959

Produced and printed by the SURVEYS AND MAPPING BRANCH,
DEPARTMENT OF MINES AND TECHNICAL SURVEYS, 1960
from air photographs taken in 1950 and 1954.

Établie et imprimée par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE,
MINISTÈRE DES MINES ET DES RELEVÉS TECHNIQUES, en 1960, d'après les
photographies aériennes prises en 1950 et 1954.

130° 128°
67' 106'
FORT
GOOD HOPE