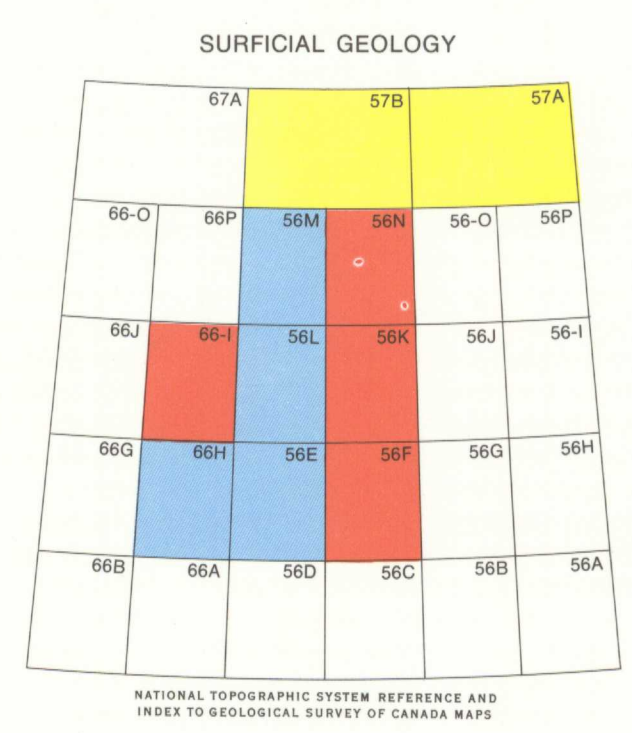
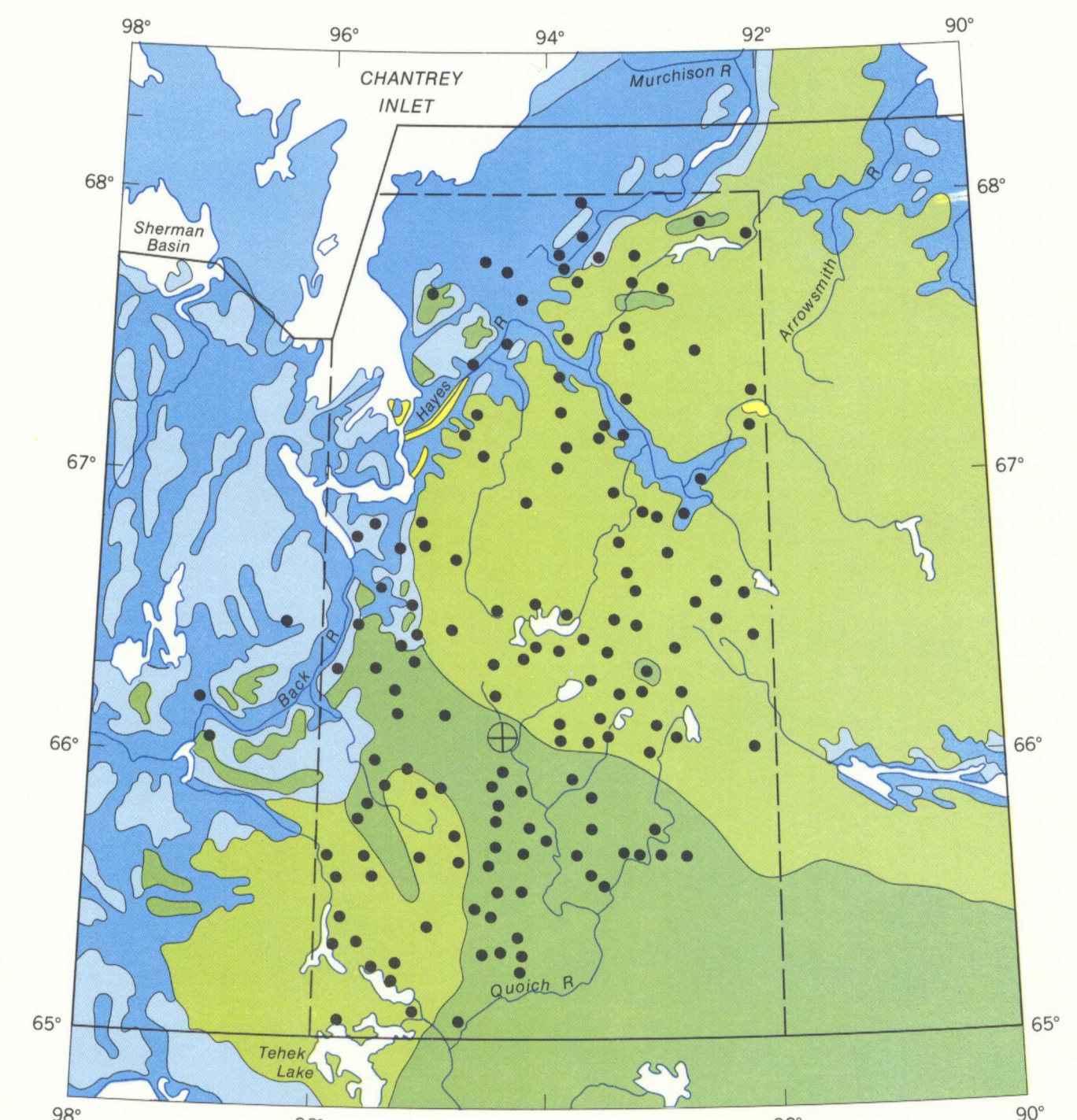
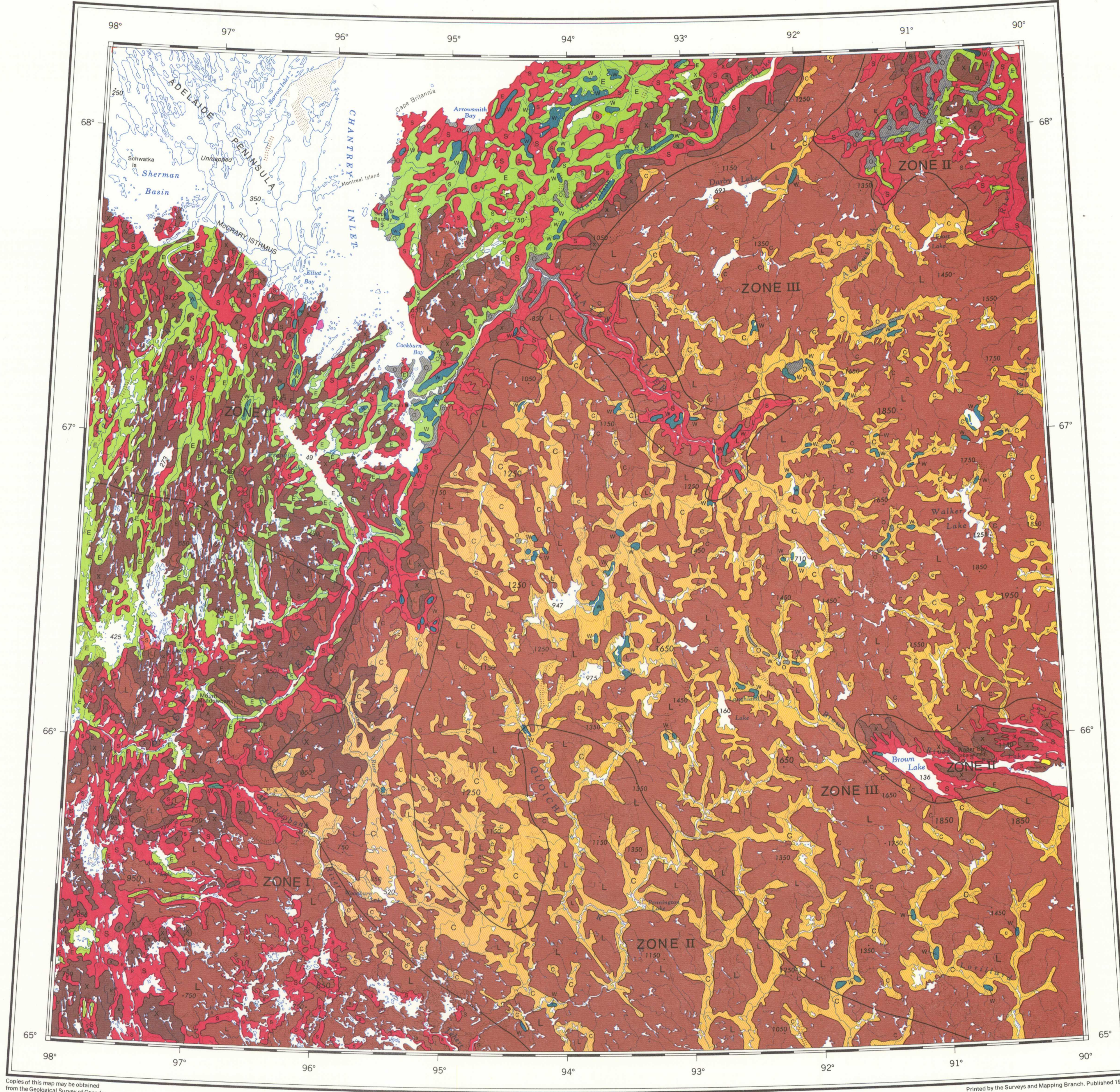


VEGETATION TYPE	ASSOCIATED SURFICIAL MATERIALS AND DRAINAGE CHARACTERISTICS	BIOClimATIC ZONES		
		ZONE I	ZONE II	ZONE III
O Unvegetated	Actively eroding and aggrading sand and silt surfaces	Local colonizing species	Local colonizing species	Local colonizing species
S Shrub tundra	Moderately to well drained marine sand and gravel	Dense shrub tundra, mainly composed of willows and mountain avens with some crowberry and bilberry. Erect willows and dwarf birch common in protected areas. Monocots include carices, cottongrass, holy grass, foxtail grass, and fescue. Herbaceous flora diverse. Continuous lower stratum	Less dense shrub tundra, mainly composed of dwarf willows and mountain avens with the monocot component somewhat reduced in amount and diversity. Erect shrubs, local	Not present
E Cottongrass tussock tundra	Moist marine silt	Dense cottongrass (<i>Eriophorum vaginatum</i>) tussock tundra with a rich herbaceous flora and a significant erect willow and dwarf birch component. Dense cryptogam lower stratum between tussocks	Vegetation similar to that of Zone I but erect shrub component reduced in amount	Not present
W Wet sedge meadows	Wet marine and glacial deposits	Dense sedge component, with <i>Carex aquatilis</i> var. <i>stans</i> and <i>Eriophorum angustifolium</i> main components. Other monocots include other carices and cottongrasses, rushes, <i>Arctagrostis</i> , <i>Dupontia</i> and <i>Juncus</i> species. Thick bryophytic lower stratum. Emergents such as mare's tail, <i>Arctophila</i> , and semaphore grass common in many places. Woody species restricted to dry sites	Vegetation similar to that of Zone I but diversity and abundance of monocots are reduced. Dense bryophytic lower stratum. Woody species occur locally on dry sites. Emergents present in some places	Sparse sedges, primarily <i>Carex stans</i> . Cottongrass co-dominant in places. Monocot diversity severely reduced. Bryophytic mat can be sporadic. Emergents are rare. Woody species are absent
L Lichen-heath tundra	Moderately to well drained glacial deposits; also includes bedrock outcrop	<i>Alectoria</i> and <i>Cetraria</i> lichens and <i>Rhacomitrium</i> moss common ground cover. Heath species diverse and abundant; arctic white heather and Labrador tea dominant shrubs; Lapland rosebay, bilberry, mountain cranberry, alpine bear berry, <i>Andromeda</i> , and alpine azalea present. Erect willows abundant on some valleysides and terraces. <i>Alectoria</i> - holy grass tundra on dry sand and gravel. Crustose lichens and <i>Rhacomitrium</i> mats on bedrock exposures	Ground cover as in Zone I. Arctic white heather and Labrador tea dominant shrubs. Heaths reduced in amount and diversity. Erect shrubs are sporadic. <i>Alectoria</i> - holy grass tundra on dry sand and gravel. Crustose lichens and <i>Rhacomitrium</i> mats on bedrock exposures	Ground cover as in Zone I. Heaths restricted to arctic white heather and Labrador tea, with occasional bilberry and crowberry. Erect shrubs are absent. <i>Alectoria</i> - holy grass tundra on dry sand and gravel. Crustose lichens and <i>Rhacomitrium</i> mats on bedrock exposures
C Cryptogam - monocot tundra	Imperfectly drained glacial deposits	Dense cryptogamic mat of <i>Aulaacomnium</i> , <i>Rhacomitrium</i> , cladonias, and cetrarias. Common monocots include holy grass, <i>Arctagrostis</i> , carices, cottongrass, and rushes. Erect willows and dwarf birch are common in protected areas. Herbs are diverse	Cryptogamic mat similar to that of Zone I. Monocots and herbs reduced in amount and diversity. Erect shrubs are sporadic	Primarily cryptogamic mat. Small amounts of monocots, primarily <i>Luzula</i> , holy grass, and <i>Bigelow's</i> carex. Herbs uncommon. Erect shrubs are absent
X Mixed tundra	Glacial deposits and bedrock, with pockets of marine deposits	Combination of lichen-heath tundra (unit L) and cryptogam - monocot tundra (unit C) deposits and bedrock, and shrub tundra (unit S) and cottongrass tussock tundra (unit E) on marine deposits	Vegetation similar to that of Zone I	Not present



Boydell, A.N., Drabinsky, K.A., and Nettville, J.A. 1975: Surficial geology and geomorphology, Boothia Peninsula and Simpson Peninsula, N.W.T.; Geological Survey of Canada, Open file 285, Scale 1:125 000

Thomas R.D., Dyke, A.S., and Edlund, S.A. 1979a: Surficial geology and geomorphology, north-central Keewatin, N.W.T. (Part 1); Geological Survey of Canada, Open file 626, Scale 1:125 000

Thomas R.D., Dyke, A.S., and Edlund, S.A. 1979b: Surficial geology and geomorphology, north-central Keewatin, N.W.T. (Part 2); Geological Survey of Canada, Open file 642, Scale 1:125 000

SURFICIAL MATERIALS OF NORTH-CENTRAL DISTRICT OF KEEWATIN

- Modern deposits (sand and silt)
- Marine deposits over Precambrian bedrock
- Marine deposits over calcareous bedrock
- Marine deposits and Precambrian bedrock
- Glacial deposits over Precambrian bedrock
- Glacial deposits and Precambrian bedrock

Study area: ————
 Limit of mapping: - - - - -
 Base camp: ⊕
 Study sites: ●

Vegetation by S.A. Edlund, 1976
 To accompany Paper 80-33 by S.A. Edlund

Geological cartography by G. Young, Geological Survey of Canada
 Any revisions or additional geological information known to the user would be welcome by the Geological Survey of Canada

Base map composed of parts of ICAO sheets 2080, Thelon River and 2081, Quonich River published at the scale of 1:1 000 000 by the Surveys and Mapping Branch in 1968

Copies of the topographical edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa K1A 0E9

Mean magnetic declination 1981, 4°18.9' West increasing 11.5' annually. Readings vary from 8°07.5' in the SW corner to 25°20.0' in the NE corner of the map area

Elevations in feet above mean sea level

Copies of this map may be obtained from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E8, 3303-33rd Street, N.W., Calgary, Alberta T2L 2A7

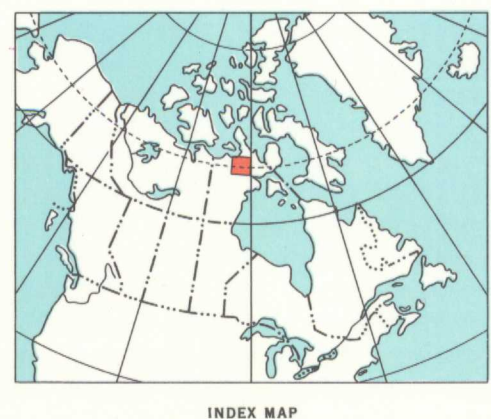
MAP 1548A
 VEGETATION
NORTH-CENTRAL DISTRICT OF KEEWATIN
 NORTHWEST TERRITORIES

Scale 1:1 000 000

Kilometres 25 0 25 50 75 Kilometres
 Miles 20 0 20 40 Miles

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MAP 1548A
 NORTH-CENTRAL DISTRICT OF KEEWATIN
 NORTHWEST TERRITORIES

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