

LEGEND

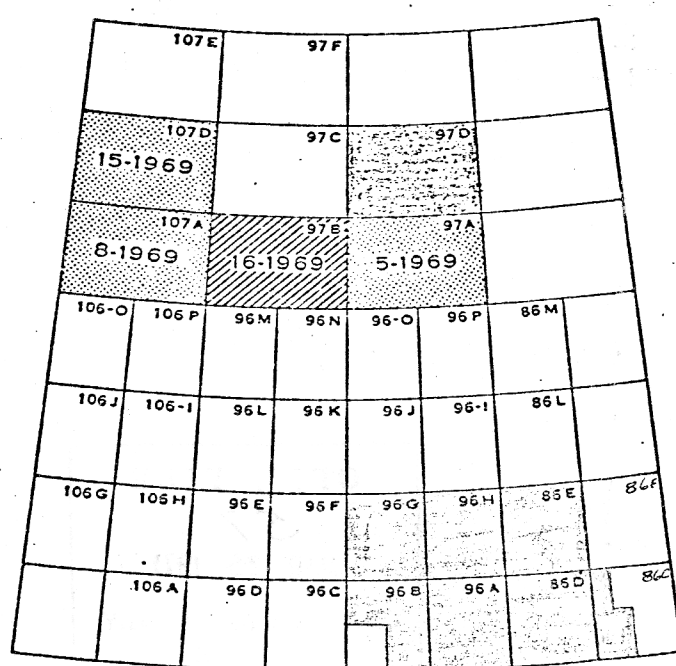
CENOZOIC	QUATERNARY		Glacial drift, lake deposits (mapped only on islands in Keith Arm).	
	CRETACEOUS LOWER AND UPPER CRETACEOUS			
MESOZOIC		K	Univided Cretaceous rocks: dark grey shale; grey mudstone, sandstone, and siltstone; minor lignite.	
	DEVONIAN LOWER AND (?) MIDDLE DEVONIAN	Db	BEAR ROCK FORMATION: brecciated dolomite and limestone; anhydrite; distribution extrapolated from Norris (1965).	
PALEOZOIC	ORDOVICIAN AND (?) SILURIAN UPPER ORDOVICIAN AND (?) LOWER SILURIAN RONNING GROUP	OSK	MOUNT KINDLE FORMATION: brownish grey dolomite; silicified fossils; minor chert.	RONNING GROUP OSK
	CAMBRIAN AND ORDOVICIAN LOWER ORDOVICIAN(?), UPPER AND (?) MIDDLE CAMBRIAN RONNING GROUP	Corza	'Rhythmic unit': brownish grey and greyish orange dolomite; included in unit COS _r .	UNDIVIDED
	(?) UPPER AND MIDDLE CAMBRIAN RONNING GROUP	CV	'Cyclic unit': varitextured pale orange dolomite; green and maroon shale.	
	UPPER(?), MIDDLE, AND (?) LOWER CAMBRIAN SALINE RIVER AND MOUNT CAP FORMATIONS (UNDIVIDED):	LPS	red and green shale; buff and brown dolomite; glauconitic sandstone.	
	(?) LOWER AND MIDDLE CAMBRIAN OLD FORT ISLAND FORMATION:	Co	grey, white, pink quartz sandstone.	
	(?) HADRYNIAN, NEOHELIXIAN, AND PALEOHELIXIAN	Pd	Gabbro sills and dikes: dark green to black, partly diabasic gabbro.	
		Pq	Large quartz veins: white to pink quartz.	
	PALEOHELIXIAN	Ph	HORNBY BAY GROUP: Upper part - stromatolitic dolomite and chert; lower part - white, pink, buff, maroon quartzite.	
	APHEBIAN	Pg	Granite: pink, equigranular and porphyritic granite.	
		Pp	Feldspar porphyries: pink, brown, black dacite and quartz latite.	
PROTEROZOIC		P5	SNARE, ECHO BAY, AND CAMERON BAY GROUPS (UNDIVIDED): partly to intensely metamorphosed conglomerate, sandstone, argillite, andesite.	

Outcrop of Phanerozoic rocks	x
Geological boundary (defined, approximate, assumed; includes contacts extended by air photo interpretation)	-----
Limit of definitive outcrop control of Ronning Group	-----
Bedding, tops known (horizontal, inclined)	+ 10
Bedding, tops known (estimated from air photos or from aircraft: 0-5, 5-15)	+ 1
Bedding, tops unknown	10
Anticline (defined, approximate)	↑
Fossil locality (GSC collection number)	⊙ C3495
Mine, abandoned	X
Well, drilled and abandoned	σ
Well, location announced*	○
*Source: Daily Oil Bulletin, Jan. 20, 1971, and Feb. 22, 1971; Southam-Nickle Publications, Calgary Alberta.	
Geology by: H. R. Balkwill (1969), J. D. Aitken (1968), J. A. Fraser (1967), J. F. Henderson (1949), D. F. Kidd (1933, 1936).	
Compiled by: H. R. Balkwill (1970)	

Topographic base-map at the same scale published by the Mapping and Charting Establishment, Department of National Defence, 1967

Magnetic-declination-1970-varies-from-41°-03'-easterly-at-centre-of-west-edge-to-42°-04'-easterly-at-centre-of-east-edge.-Mean-annual-change-7.6'-westerly

Elevations in feet above mean sea-level



National Topographical System designations indicate other quadrangles mapped geologically during Operation Norman

