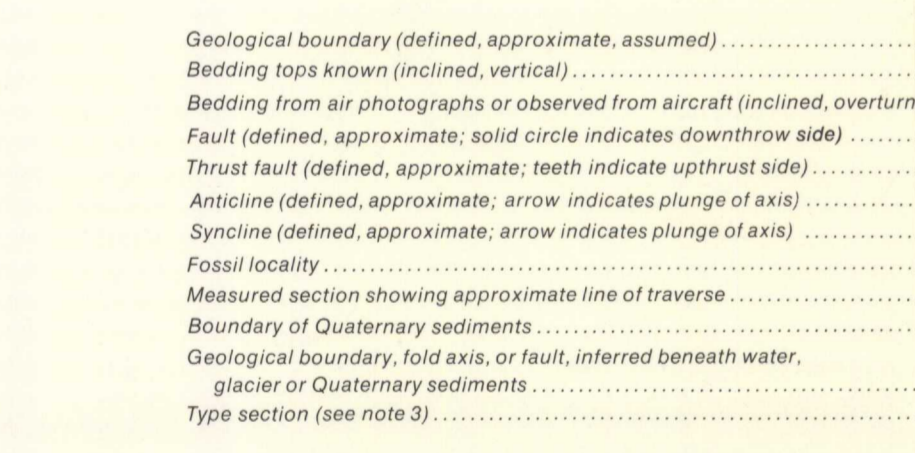
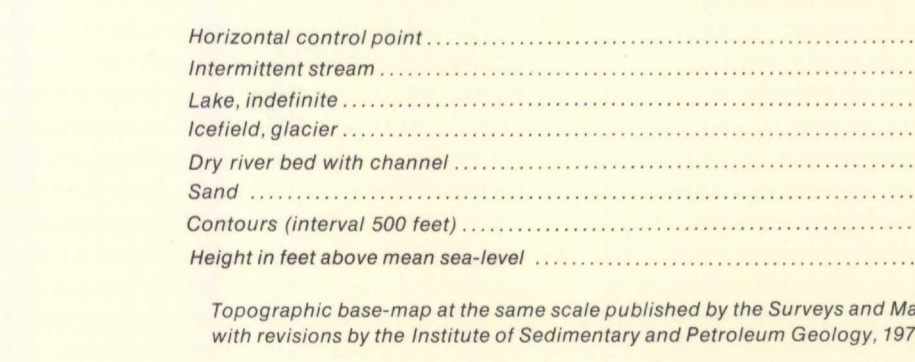


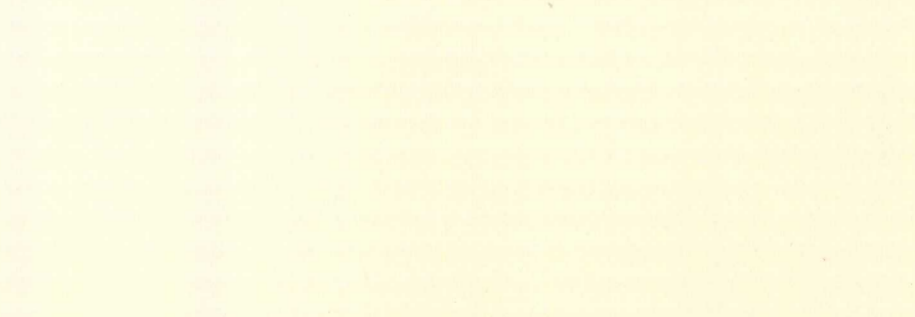
CENOZOIC	QUATERNARY	Q	Stream, deltaic, glacial and marine beach sediments (mapped only where underlying bedrock geology cannot be inferred with reasonable certainty)
	TRIASSIC	Rh	HEIBERG FORMATION: sandstone, siltstone, minor shale
	MIDDLE AND UPPER TRIASSIC	Ks	SCHÉI POINT FORMATION: calcareous siltstone, sandstone and shale (see note 1)
MESOZOIC	LOWER TRIASSIC	Tb	BJORNE FORMATION: sandstone (mainly red); minor siltstone, shale and conglomerate
	UPPER PERMIAN	Pt	TANQUARY FORMATION: limestone, siltstone, minor sandstone
	LOWER PERMIAN	Pmb	MOUNT BAYLEY FORMATION: anhydrite, gypsum; minor limestone, siltstone, shale, and limestone
PALEOZOIC	UPPER CARBONIFEROUS AND LOWER PERMIAN	CPbc	BELCHER CHANNEL FORMATION: limestone, minor siltstone and sandstone
	LOWER AND UPPER CARBONIFEROUS AND LOWER PERMIAN	CPn	NANSEN FORMATION: limestone, minor sandstone, siltstone and shale
	UPPER CARBONIFEROUS AND LOWER PERMIAN	CPan	ANTOINETTE FORMATION: limestone, minor siltstone and shale
PROTEROZOIC	UPPER CARBONIFEROUS	Cc	CANYON FORD FORMATION: red sandstone, siltstone, limestone, and conglomerate
	ORDOVICIAN, SILURIAN AND DEVONIAN	OSi, SDi	IMINA FORMATION: calcareous sandstone, siltstone, and shale
	ORDOVICIAN AND SILURIAN	OSa	ALLEN BAY FORMATION: dolomite
PROTEROZOIC	ORDOVICIAN TO DEVONIAN	IP	Clastic and carbonate strata unconformably underlying rocks of the Sverdrup Basin (these rocks have not been studied critically)
	UPPER ORDOVICIAN TO MIDDLE SILURIAN	OScp	CAPE PHILLIPS FORMATION: dark grey chert, shale, shaly limestone
	ORDOVICIAN	OC	CORNWALLIS GROUP: Limestone, shaly limestone
PROTEROZOIC	LOWER TO UPPER ORDOVICIAN	Oe-c	ELEANOR RIVER FORMATION: limestone CORNWALLIS GROUP: limestone, greenish limy shale and siltstone, gypsum and anhydrite
	LOWER ORDOVICIAN	Ob	BAUMANN FIORD FORMATION: anhydrite, gypsum; minor limestone (recessive)
	LOWER ORDOVICIAN	Oco	COPE'S BAY FORMATION: limestone, minor flat-pebbled conglomerate, anhydrite and dolomite
PROTEROZOIC	CAMBRIAN	CSb	SCORESBY BAY FORMATION: dolomite
	MIDDLE CAMBRIAN	CSg	PARRISH GLACIER FORMATION: sandstone, limestone; minor flat-pebble conglomerate (contains units of red and green sandstone)
	LOWER CAMBRIAN	CSa	SCARBOROUGH BAY FORMATION: sandstone, limestone
PROTEROZOIC	PROTEROZOIC AND LOWER CAMBRIAN	ECu	ELLESMEERE GROUP KANE BASIN FORMATION: sandstone, siltstone RAWLINGS BAY FORMATION: sandstone, conglomerate RITTER BAY FORMATION: shale ARCHER FIORD FORMATION: conglomerate, sandstone ELLA BAY FORMATION: (Proterozoic): dolomite KENNEDY CHANNEL FORMATION: shale, sandstone, dolomite, limestone



Geology of Carboniferous and younger rocks by R. Thorsteinsson 1962, 1963, and E.T. Tozer 1962  
 Geology of Devonian and older rocks by J. Wm. Kerr 1962  
 Compilation by R. Thorsteinsson and J. Wm. Kerr 1972  
 Geological cartography by the Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada, 1972



The daily change of the North Magnetic Pole causes the magnetic compass to be very erratic in this area



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

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LEGEND



- NOTES
1. Outcrops of the Schei Point Formation at locality 109 comprise about 100 feet of calcareous sandstone that represent the Gryphaea bed, uppermost unit of the formation. The Gryphaea bed is Late Triassic in age; Middle Triassic strata that are generally represented in the Schei Point are apparently absent at this locality. Somewhat thicker sections characterize the Schei Point in other parts of the map-area and it is probable that these sections include both Middle and Upper Triassic strata.
  2. About eight miles north of the type section, the anhydrite of the Mount Bayley Formation grades laterally to strata composed of limestone with minor amounts of siltstone and sandstone that are indistinguishable from strata of the underlying Antoinette Formation and overlying Tanquary Formation. As the facies change takes place largely in the subsurface the line of separation between the relative formations has been arbitrarily placed along a fault.
  3. The map-area contains the type sections of the Antoinette Formation, Mount Bayley Formation, and Tanquary Formation.

Published, 1972  
 Copies of this map may be obtained from the Geological Survey of Canada, Ottawa

MAP 1348A  
 GEOLOGY  
**GREELY FIORD EAST**  
 DISTRICT OF FRANKLIN  
 Scale 1:250,000

Miles 4 0 4 8 12  
 Kilometres 6 0 6 12 18

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