

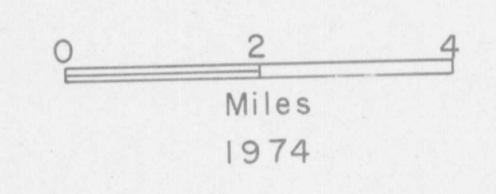
140°00' 45' 30' 15' 139°00' 45' 30' 15' 138°00' 45' 30'

B E A U F

SURFICIAL GEOLOGY AND LANDFORMS HERSCHEL ISLAND (117 D)

Geology by V. Rampton
SCALE 1:125,000

OPEN FILE
191
MAR. 1974
GEOLOGICAL SURVEY
OTTAWA



Landform and notation

Genetic Category	A	Genetic Modifier
Textural Modifier	T	Morphologic Modifier

Genetic Categories	Textural Modifiers
F - fluvial	c - clay
E - estuarine	f - clay, silt or fine sand
S - siltstone	s - sand
L - lacustrine	g - gravel
C - colluvial	a - sand or gravel
G - glacioluvial	r - bouldery rubble
H - horizontal	
Genetic Modifiers	Morphologic Modifiers
A - active deposition	b - beach
G - glacial	e - eroded, gullied
1 - fluvial and low level terraces	f - fan
2 - intermediate level terraces	h - hummocky
3 - high level terraces	m - rolling
4 - plateau level	p - plain
5 - pediment level	t - terrace
	C - glacially deformed
	1 - slope less than 5°
	2 - slope 5 to 15°
	3 - slope greater than 15°

Symbols

- beach
- sea cliff or escarpment; A indicates escarpment partly out in bedrock
- actively eroding sea cliff or escarpment; A indicates escarpment partly out in bedrock
- stream-out escarpment; A indicates escarpment partly out in bedrock
- actively eroding stream-out escarpment; A indicates escarpment partly out in bedrock
- stream-out escarpment; A indicates escarpment partly out in bedrock
- actively eroding stream-out escarpment; A indicates escarpment partly out in bedrock
- stream-out canyon; A indicates canyon partly out in bedrock
- actively eroding stream-out canyon; A indicates canyon partly out in bedrock
- retrogressive thaw flow-slide
- talus
- lobe
- drumlins and drumlinoid ridges
- blow-out
- organic deposits 2 to 12 feet thick
- rock outcrop, colluvion present to depth of 2 feet
- bedrock within 0 to 10 feet of surface
- bedrock within 5 to 70 feet of surface



Transverse Mercator Projection
North American Datum 1927

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