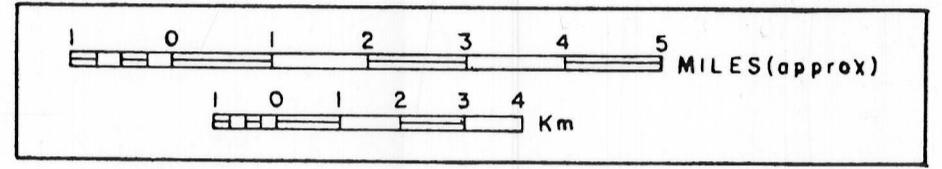


Geological Survey of Canada  
 Commission Géologique du Canada  
 Energy, Mines and Resources  
 Énergie, Mines et Ressources

## SURFICIAL GEOLOGY AND GEOMORPHOLOGY SOMERSET ISLAND MAP 3

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 1976



UNCONTROLLED PHOTOMOSAIC BASE

### EXPLANATION OF MAP SYMBOLS

**DOMINANT TEXTURE**

- r - rock rubble
- g - gravel
- s - sand
- f - silt and fine sand
- cl - clay to fine sand
- t - till

**BEDROCK TYPE**  
 (superscript)

- g - granitic
- c - carbonate
- s - sandstone
- sl - shale
- cg - conglomerate
- E3 - Eureka Sound Formation

**ORIGIN**

- M - moraine
- I - ice-contact outwash
- F - proglacial outwash
- m - marine
- D - deltaic
- A - alluvial (inactive)
- al - alluvial (active)
- B - bedrock
- W - weathered product

**MORPHOLOGY**

- p - plain
- m - rolling
- h - hummocky
- r - ridged
- t - terraced
- k - kettled
- f - fan

**MORPHOLOGIC MODIFIER**

- D - dissected
- W - washed

Glacial striae (ice direction known, not known)  
 Drumlin, drumlinoid, fluting (ice direction indicated, not indicated)  
 Crag - and - tail (ice movement in direction of arrow)  
 Moraine ridge  
 Esker (direction of flow assumed, uncertain)  
 Meltwater channel (large, small)  
 Abandoned beach ridge  
 Escarpment  
 Retrogressive thaw-flow slide  
 Ice wedge polygons (areas known to contain ice wedges)  
 Rock glacier

### COMPOSITE UNITS

1 - first of units covers more than 80% of total unit area  
 2 - first of units covers 60 - 80% of total unit area  
 3 - units are of roughly equal proportions

Notes: units which comprise less than 5% of the total area of another unit are not mapped

### STRATIGRAPHY

Vener units (less than 1.5 metres thick) are indicated by the lower case letter "v" after the generic symbol. A horizontal line separates the veneer unit symbols from the symbols representing the underlying unit.

### EXAMPLE

origin stratigraphy  
 texture - morphologic modifier  
 bedrock type - relief class  
 morphology

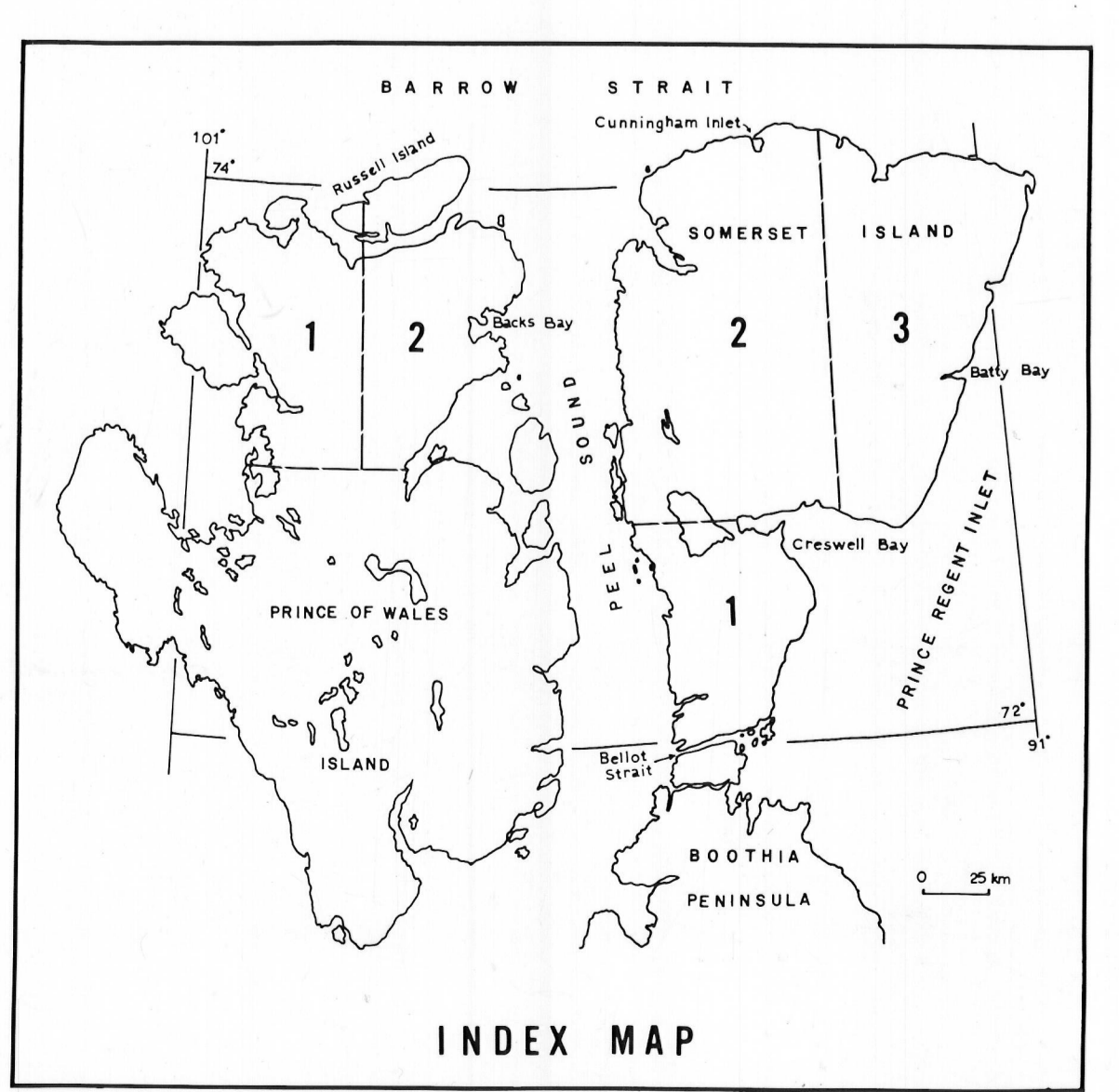
### RELIEF CLASS

1 - less than 5 metres  
 2 - 5 to 20 metres  
 3 - 20 to 50 metres  
 4 - greater than 50 metres

### SLOPE CLASS

(numeric superscript)

1 - less than 5 degrees  
 2 - 5 to 15 degrees  
 3 - 15 to 35 degrees  
 4 - greater than 35 degrees



Refer to extended legend for additional information

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 AUG 1976  
 GEOLOGICAL SURVEY  
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