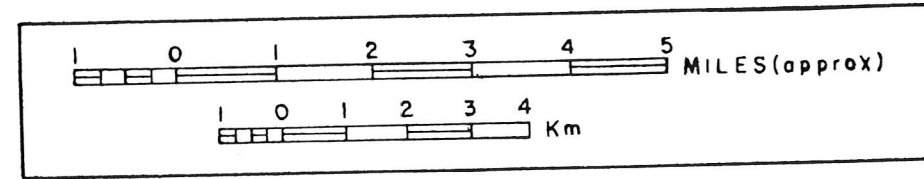


# SURFICIAL GEOLOGY AND GEOMORPHOLOGY

## PRINCE OF WALES ISLAND

### MAP 2

by J.A. Netterville, A. S. Dyke, R.D. Thomas  
 1976



UNCONTROLLED PHOTOMOSAIC BASE



#### EXPLANATION OF MAP SYMBOLS

##### DOMINANT TEXTURE

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

##### BEDROCK TYPE

- g - granitic
- c - carbonate
- s - sandstone
- f - shale
- cg - conglomerate
- ES - Eureka Sound Formation

##### ORIGIN

- M - moraine
- I - ice-contact outwash
- F - proglacial outwash
- M - marine
- D - detritic
- A - alluvial (active)
- A - alluvial (inactive)
- R - bedrock
- W - weathered product

##### MORPHOLOGY

- p - plain
- m - rolling
- d - hummocky
- r - ridged
- l - terraced
- k - kettled
- i - fan

##### MORPHOLOGIC MODIFIER

- D - dissected
- W - washed

##### 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 3 degrees
- 2 - 3 to 13 degrees
- 3 - 13 to 33 degrees
- 4 - greater than 33 degrees

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

##### COMPOSITE UNITS

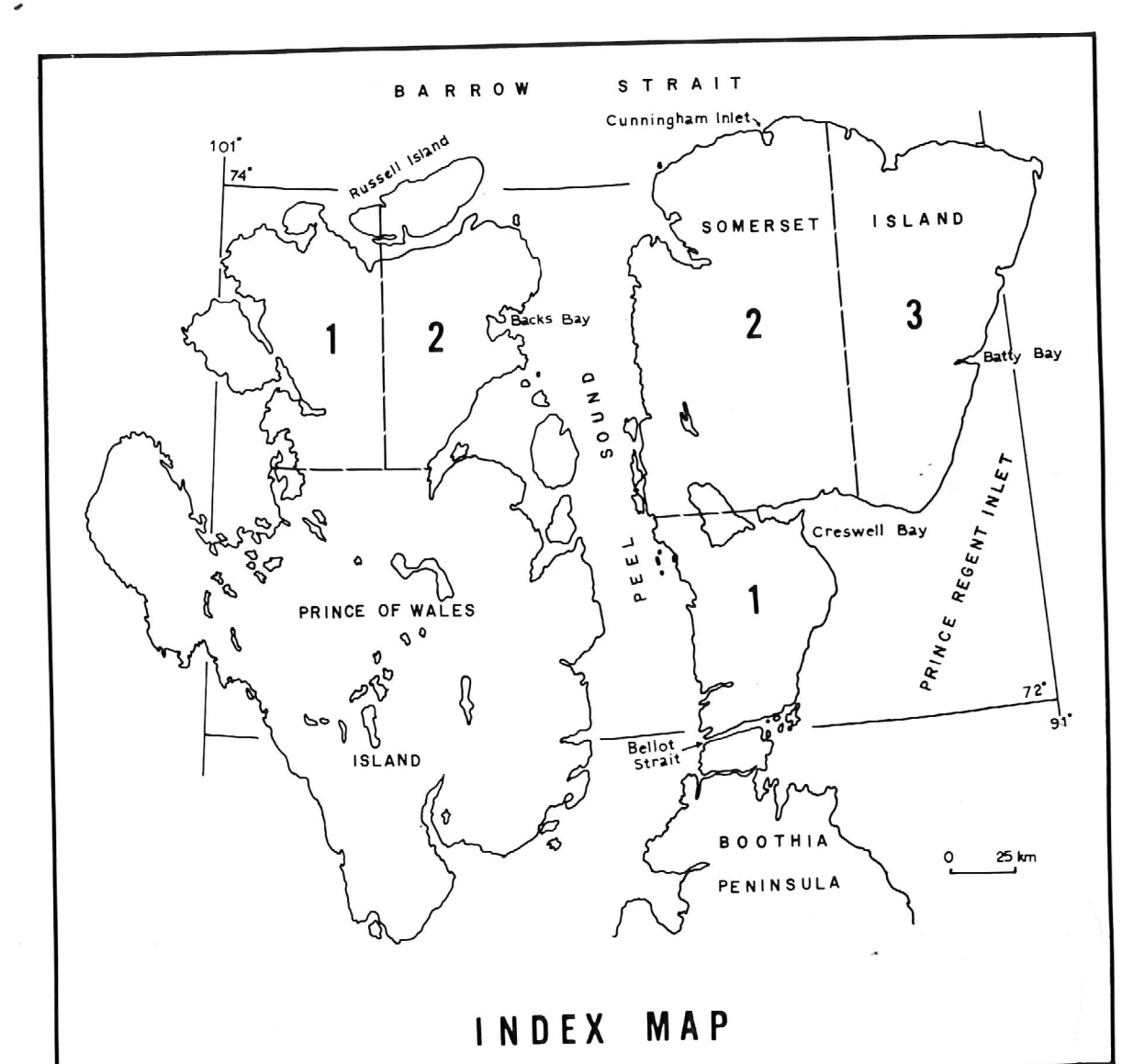
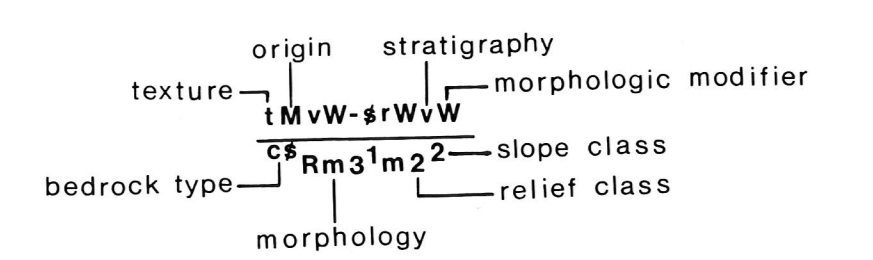
- / first of units covers more than 80% of total unit area
- first of units covers 60 - 80% of total unit area
- = units are of roughly equal proportions

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

##### STRATIGRAPHY

Veneer 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



INDEX MAP

Refer to extended legend for additional information

OPEN FILE  
 DOSSIER PUBLIC  
 517  
 AUG 1976  
 GEOLOGICAL SURVEY  
 COMMISSION GÉOLOGIQUE  
 OTTAWA

This document was produced by scanning the original publication.  
 Ce document est le produit d'une numérisation par balayage de la publication originale.