

LEGEND

INTRUSIVE ROCKS

- JURASSIC**
- 14 Lamprophyre dikes and associated ultramafic dikes
- SILURIAN TO DEVONIAN**
- 13 Granodiorite
 - 13a. Tims Harbour Pluton
 - 13b. Frederickton Pluton, H. hornfelsed rocks
 - 12 Quartz-feldspar porphyry dikes
 - 10 Dacite dikes
 - 11 Diabase dikes
 - 9 Rhyolite dikes

VOLCANIC AND SEDIMENTARY ROCKS

LATE ORDOVICIAN TO EARLY SILURIAN

INDIAN ISLANDS GROUP (5-8)

- 8 **BIG INDIAN POND FORMATION:**
Green to red micaceous siltstone
- 7 **HORWOOD FORMATION:**
7b. The upper phyllite and slate unit
7a. The lower limestone and siltstone unit
- 6 **TIMS HARBOUR - DOG BAY PT. FORMATION:**
6d. Black silty slate unit
6c. Bedded dark grey siltstone and limestone unit
6b. fossiliferous limestone horizon
6a. Dark grey phyllite unit
6h. Grey-black slate unit
6g. Bedded grey siltstone unit
6f. Pyritiferous black slate unit
6e. Greenish grey silty slate unit
- 5 **SHOAL BAY FORMATION:**
5b. Alkaline pillow lava unit
5a. Grey siltstone unit; 5c. Olistostrome member

MIDDLE ORDOVICIAN

DAVIDSVILLE GROUP (1-4)

- 3 **BLACK SLATE FORMATION:**
Pyritiferous black slate, dark grey silty slate, greenish tuffaceous slate
- 4 **MÉLANGE FORMATION:**
4a. Chaotic olistoliths
4b. Slumped beds
- 2 **GREYWACKE AND SILTSTONE FORMATION:**
Fine-grained dirty wackes; coarse-pebble greywacke; greywacke/siltstone and slate interbeds
2a. Conglomerate horizon
- 1 **MAFIC VOLCANIC FORMATION:**
Vesicular agglomerates; resedimented volcanogenic clasts; mafic pillow lavas; graded lapilli tuff beds; associated mafic and ultramafic dikes (1b)
1a. Incorporated sedimentary horizon

(Key as in Figure 4, Part A)

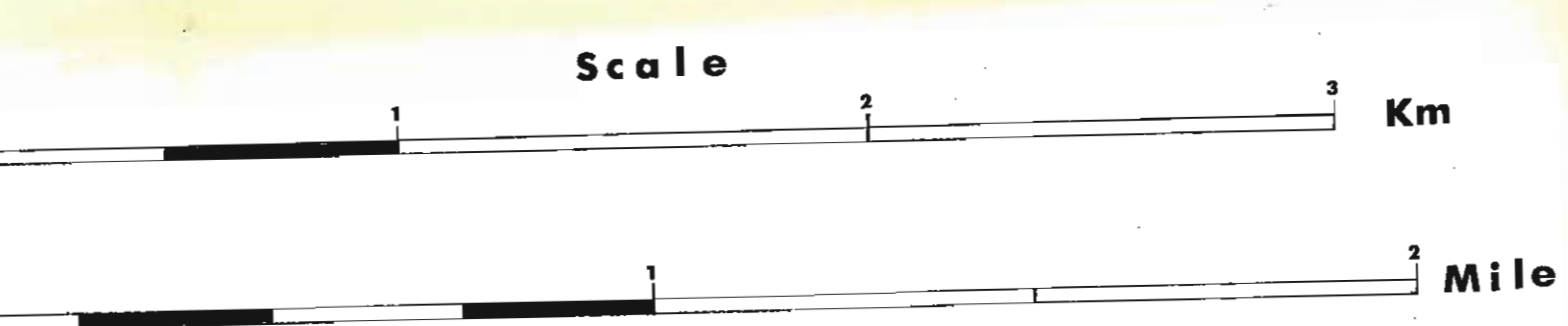
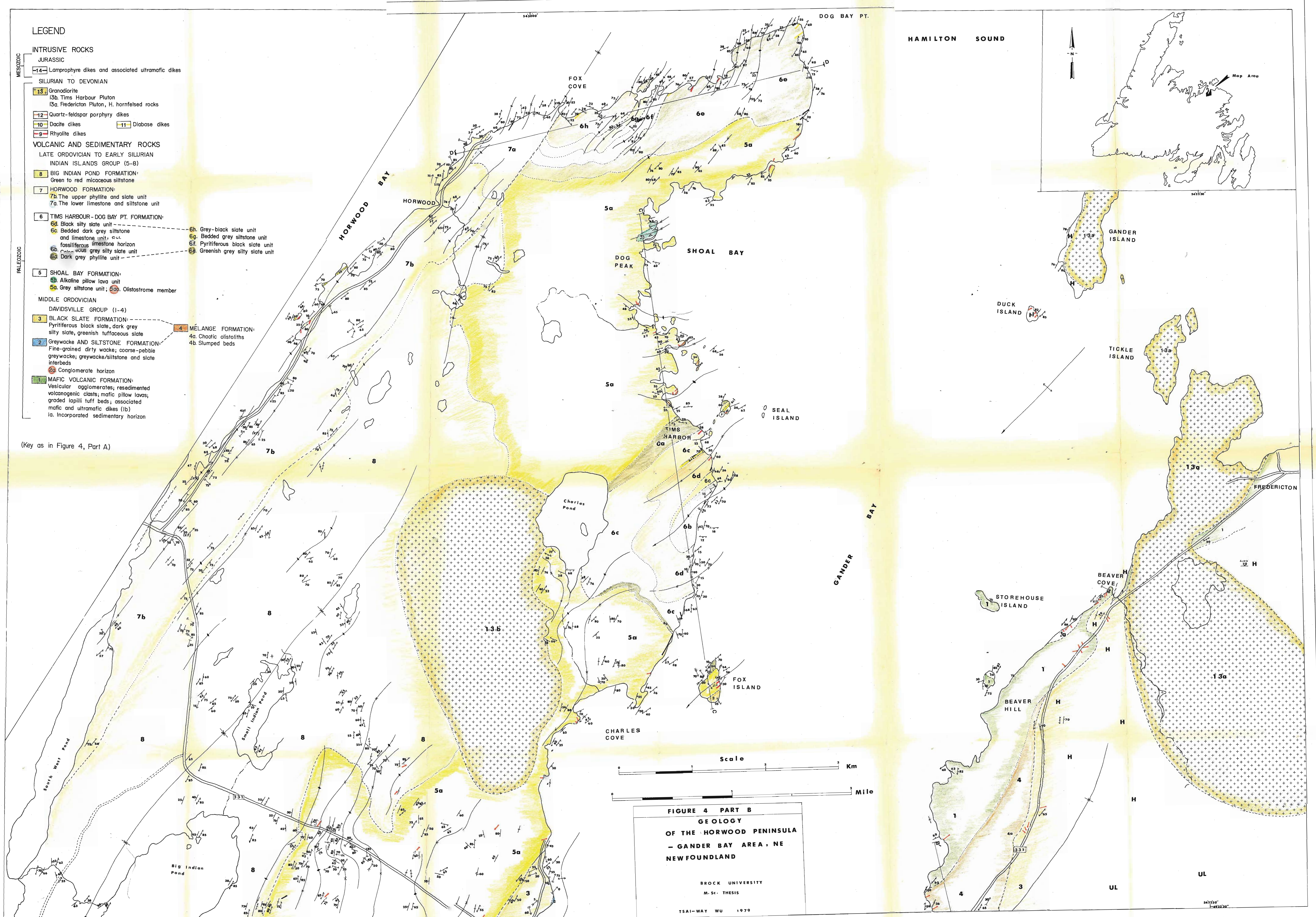


FIGURE 4 PART B
GEOLOGY
OF THE HORWOOD PENINSULA
- GANDER BAY AREA, NE
NEWFOUNDLAND

BROCK UNIVERSITY
M. Sc. THESIS

TSAI-WAY WU 1979

HAMILTON SOUND

GANDER BAY

GANDER ISLAND

TICKLE ISLAND

DUCK ISLAND

FOX ISLAND

CHARLES COVE

Charles Pond

FREDERICTON

STOREHOUSE ISLAND

BEAVER HILL

BEAVER COVE

Big Indian Pond

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