

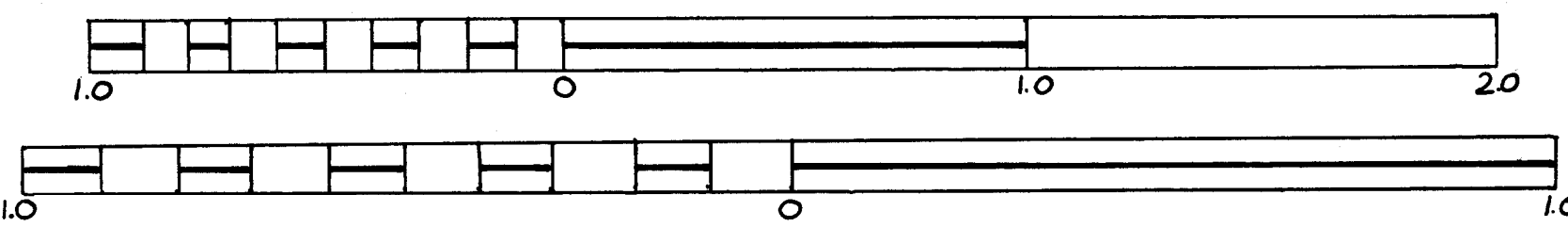
GENERALIZED GEOLOGY of the HINES POND AREA
geology by J.A. Karson

EXPLANATION

- Alluvium Bog
- Hines Pond Metagabbro (Gneissic & Fine-grained Amphibolite)
- Clinopyroxene-rich Ultramafic Rocks (Wehrlite, Pyroxenite, Dunite)
- Gabbroic Rocks (Layered Troctolite, Olivine Gabbro, Anorthosite, Feldspathic Wehrlite, and lesser Hornblende Gabbro, Dunite, etc.)
- High Strain Facies
- Massive Dunite
- Highly Serpentinized Ultramafic Rocks
- Ultramafic Metamorphic Tectonites
- Basal Metamorphic Aureole Rocks
- Allochthonous Clastic Sedimentary Rocks and Melange

- Contacts; vertical, inclined.
- High Strain Zone; rodingite & mylonite; vertical, inclined.
- Faults; vertical, inclined.
- Lewis Hills Overthrust Fault.
- Layering (S_1); vertical, inclined.

approximate average scale 1:15,000



Note: This is a tracing of part of air photograph NFLD A-20004-26 whose center lies 1.5 kilometers ESE of Hines Pond (see *). The scale is variable throughout the map area and therefore should not be used for accurate measurements.

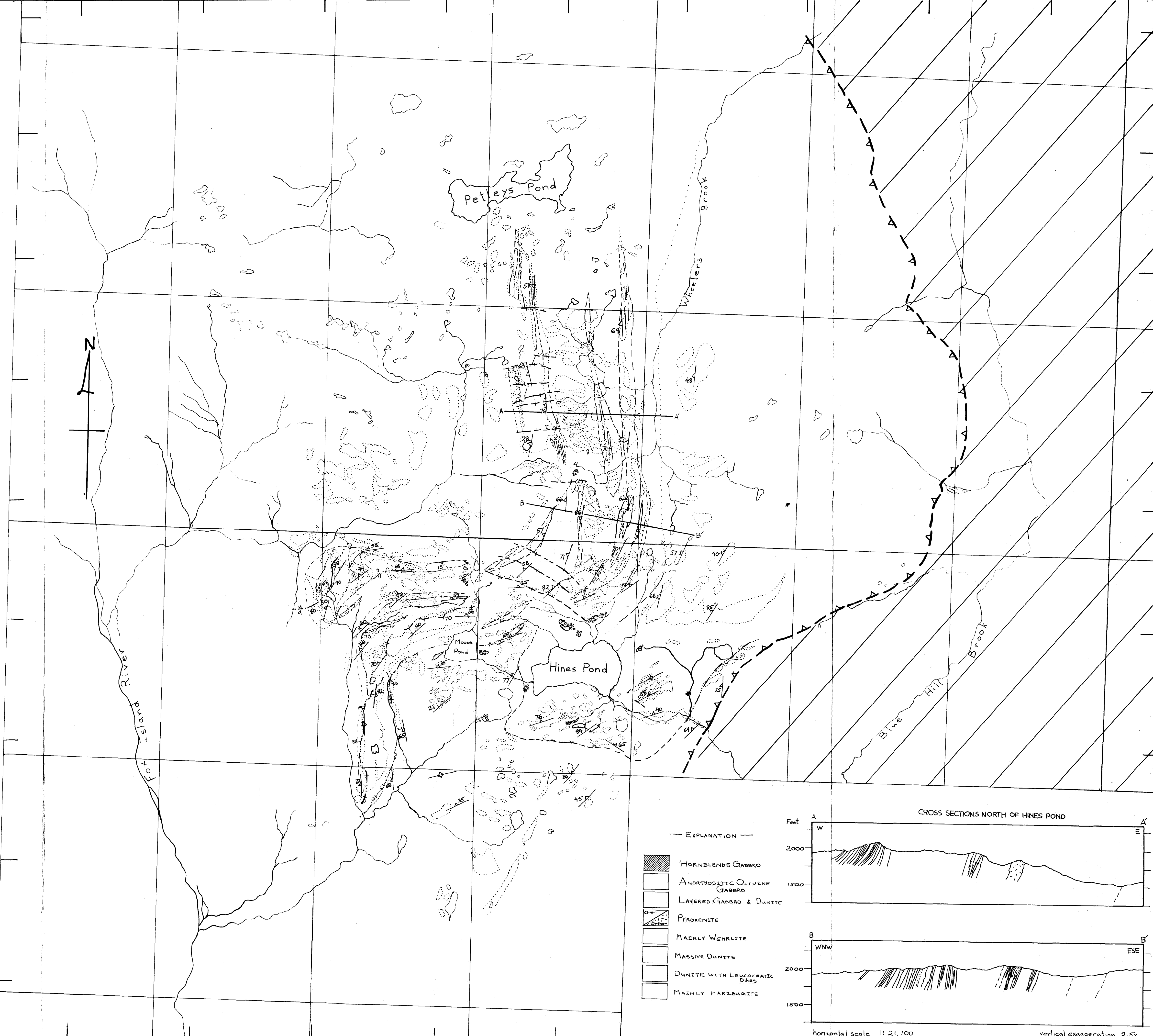
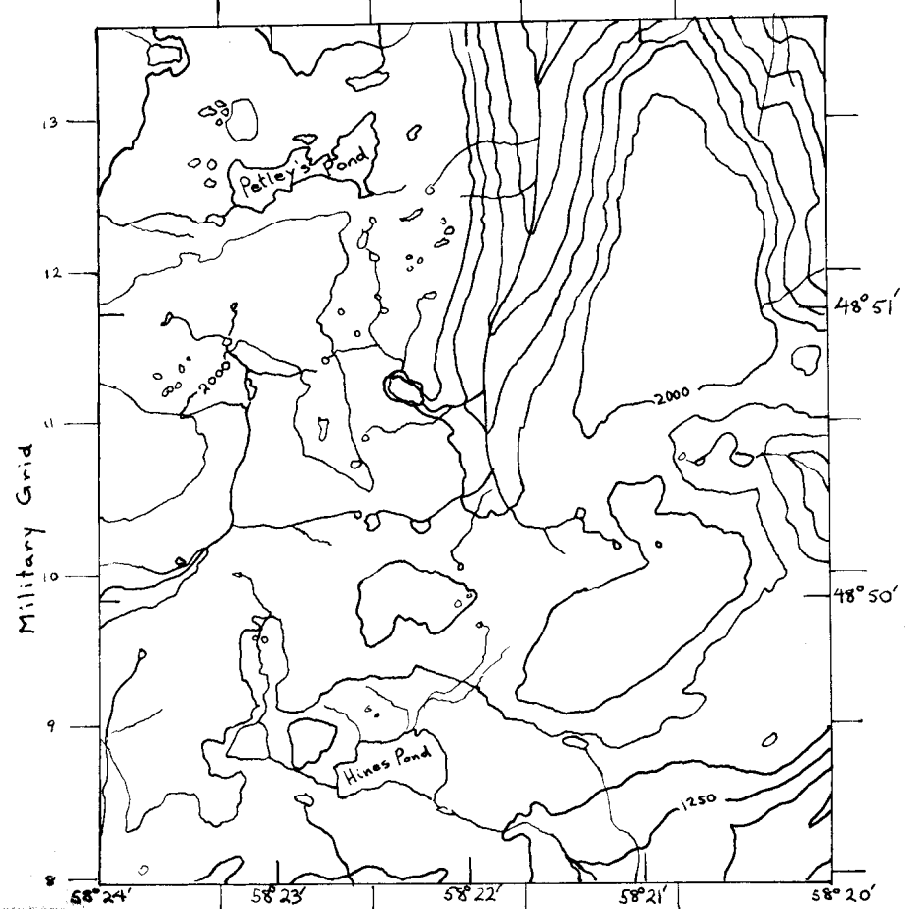
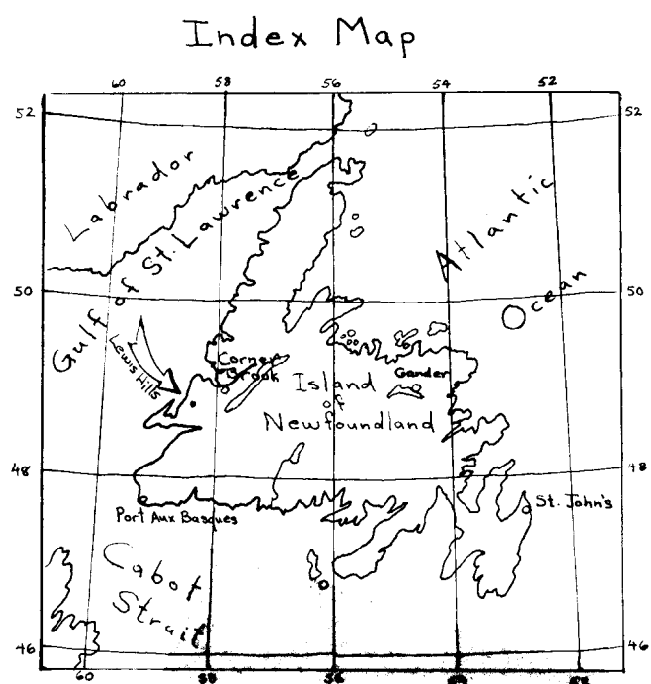
Scale of air photograph	elevation above sea level:	scale:
1	100 feet (30.5 meters)	1:15,000
2	200 feet (61.0 meters)	1:7,500
3	300 feet (91.5 meters)	1:5,000
4	400 feet (122.0 meters)	1:3,750
5	500 feet (152.5 meters)	1:3,000

The average elevation in this area is ~2000 feet (610 meters) above sea level.

Grid Interval:
EW - 0.784 mi; 1.26 km
NS - 1.19 mi; 1.92 km

Topographic Map
Hines Pond Area

1.0 km
1.0 mile



EXPLANATION

- HORNBLende GABBRO
- ANORTHOSITIC OLIVINE GABBRO
- LAYERED GABBRO & DUNITE
- PYROXENITE
- MAINLY WEHLITE
- MASSIVE DUNITE
- DUNITE WITH LEUCOCRATIC DUNES
- MAINLY HARNBURGITE

