

GEOLOGICAL MAP
OF
DOWDELL PENINSULA
GREAT BEAR LAKE
NORTHWEST TERRITORIES



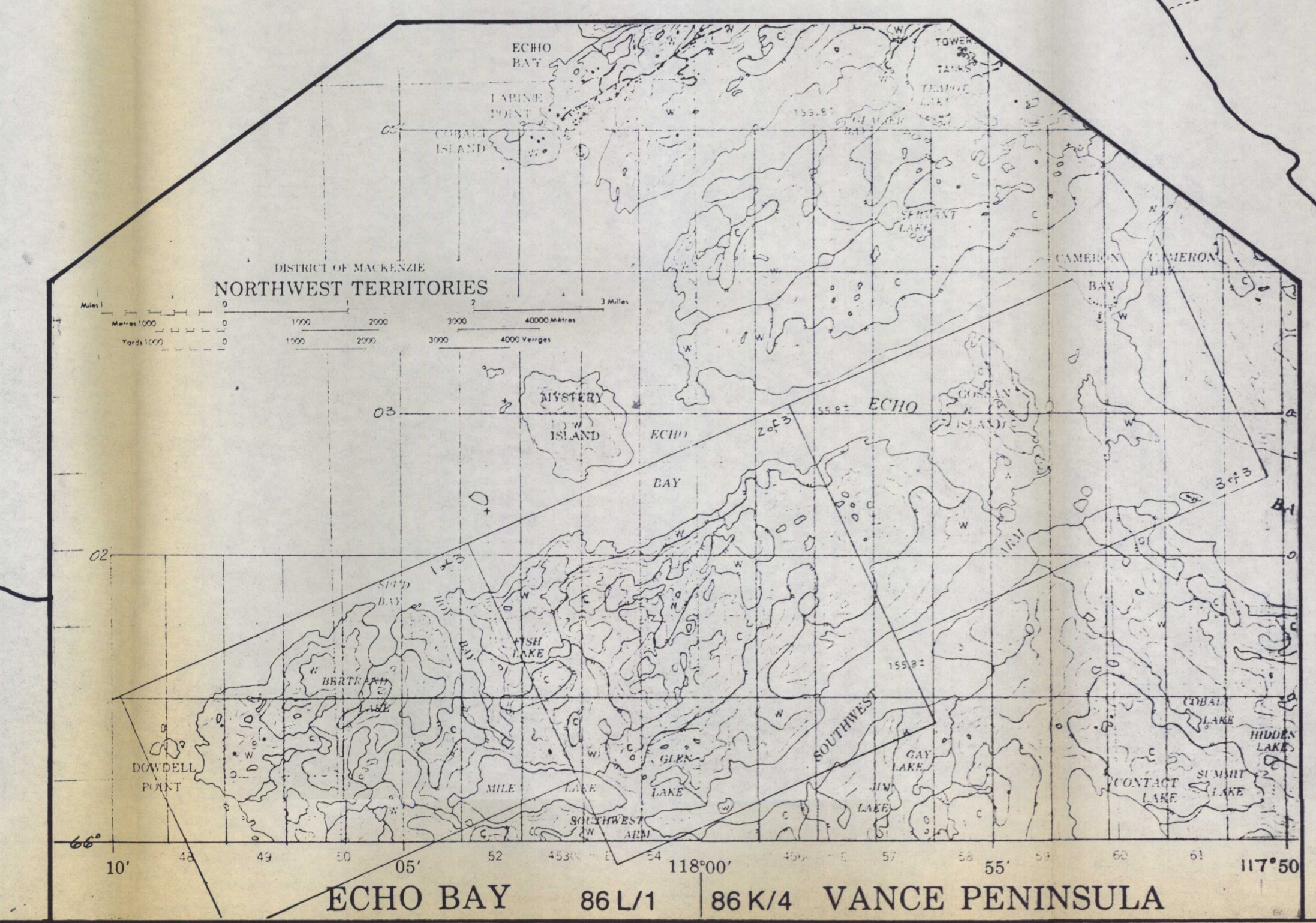
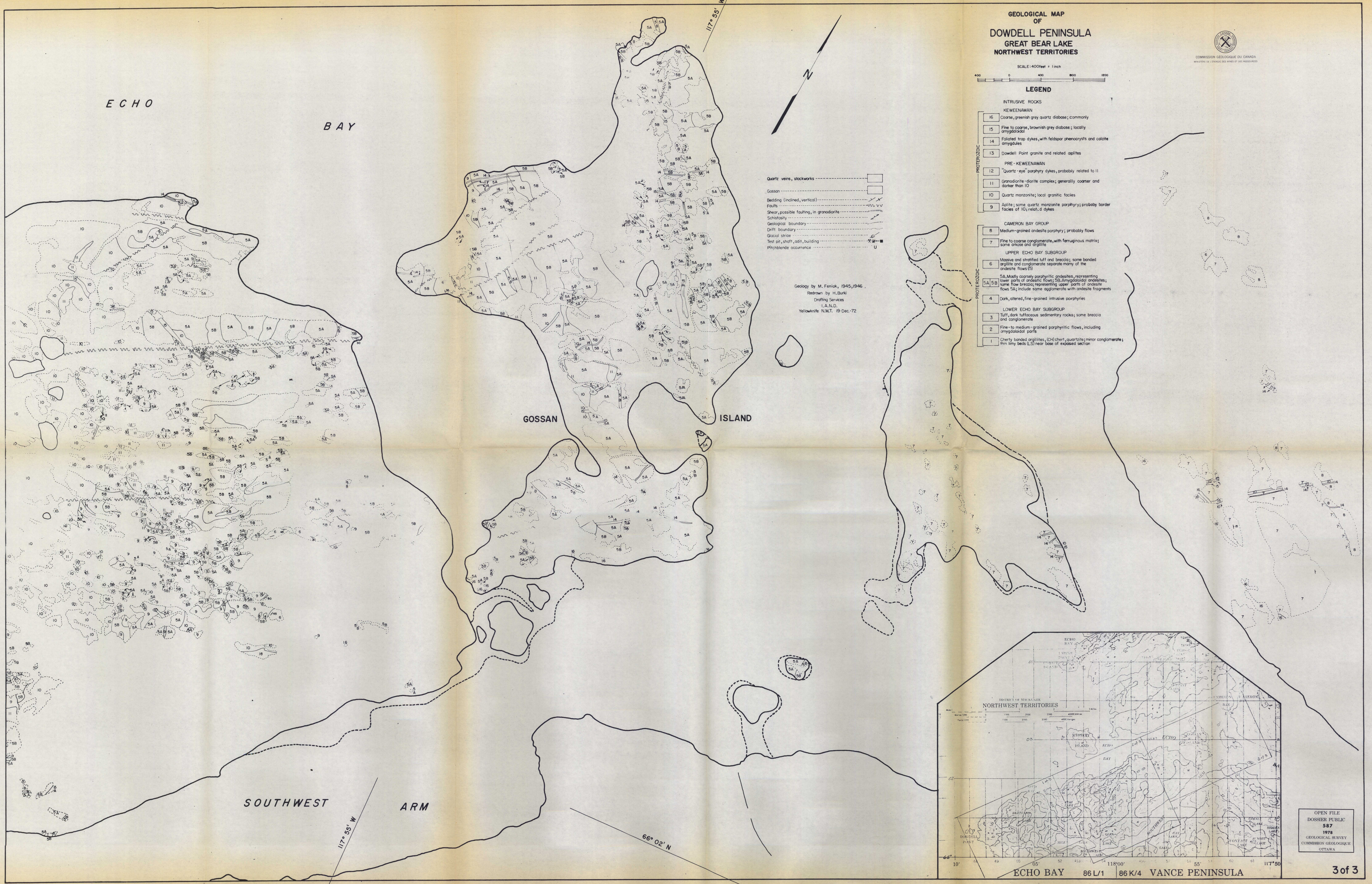
SCALE: 400 feet = 1 inch
0 400 800 1200

LEGEND

- INTRUSIVE ROCKS**
- KEWEENAWAN**
- 16 Coarse, greenish grey quartz diabase; commonly amygdualoidal
 - 15 Fine to coarse, brownish grey diabase; locally amygdualoidal
 - 14 Foliated trap dykes, with feldspar phenocrysts and calcite amygdaloides
 - 13 Dowdell Point granite and related applites
- PRE-KEWEENAWAN**
- 12 Quartz-eye porphyry dykes, probably related to 11
 - 11 Granodiorite-diorite complex; generally coarser and darker than 10
 - 10 Quartz monzonite; local granitic facies
 - 9 Aplite; some quartz monzonite porphyry; probably border facies of 10; related dykes
- CAMERON BAY GROUP**
- 8 Medium-grained andesite porphyry; probably flows
 - 7 Fine to coarse conglomerate, with ferruginous matrix; some chert and argillite
- UPPER ECHO BAY SUBGROUP**
- 6 Massive and stratified tuff and breccia; some banded argillite and conglomerate separate many of the andesite flows (5)
 - 5A, 5B Mostly coarse porphyritic andesites, representing lower parts of andesitic flows; 5B Amygdaloidal andesites; some flow breccia; representing upper parts of andesite flows 5A; include some agglomerate with andesite fragments
- LOWER ECHO BAY SUBGROUP**
- 4 Dark, altered, fine-grained intrusive porphyries
 - 3 Tuff, dark tuffaceous sedimentary rocks; some breccia and conglomerate
 - 2 Fine to medium-grained porphyritic flows, including amygdaloidal parts
 - 1 Cherty banded argillites, (Ch) chert, quartzite; minor conglomerate; thin limy beds (LS) near base of exposed section

- Quartz veins, stockworks
- Gossan
- Bedding (inclined, vertical)
- Faults
- Shear, possible faulting, in granodiorite
- Schistosity
- Geological boundary
- Drift boundary
- Glacial striae
- Test pit, shaft, adit, building
- Pitchblende occurrence

Geology by M. Feniak, 1945, 1946
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GEOLOGICAL SURVEY
COMMISSION GÉOLOGIQUE
OTTAWA

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