Nfld/1819

PLATE I

GEOLOGIC MAP OF THE GLOVER ISLAND AREA

1982

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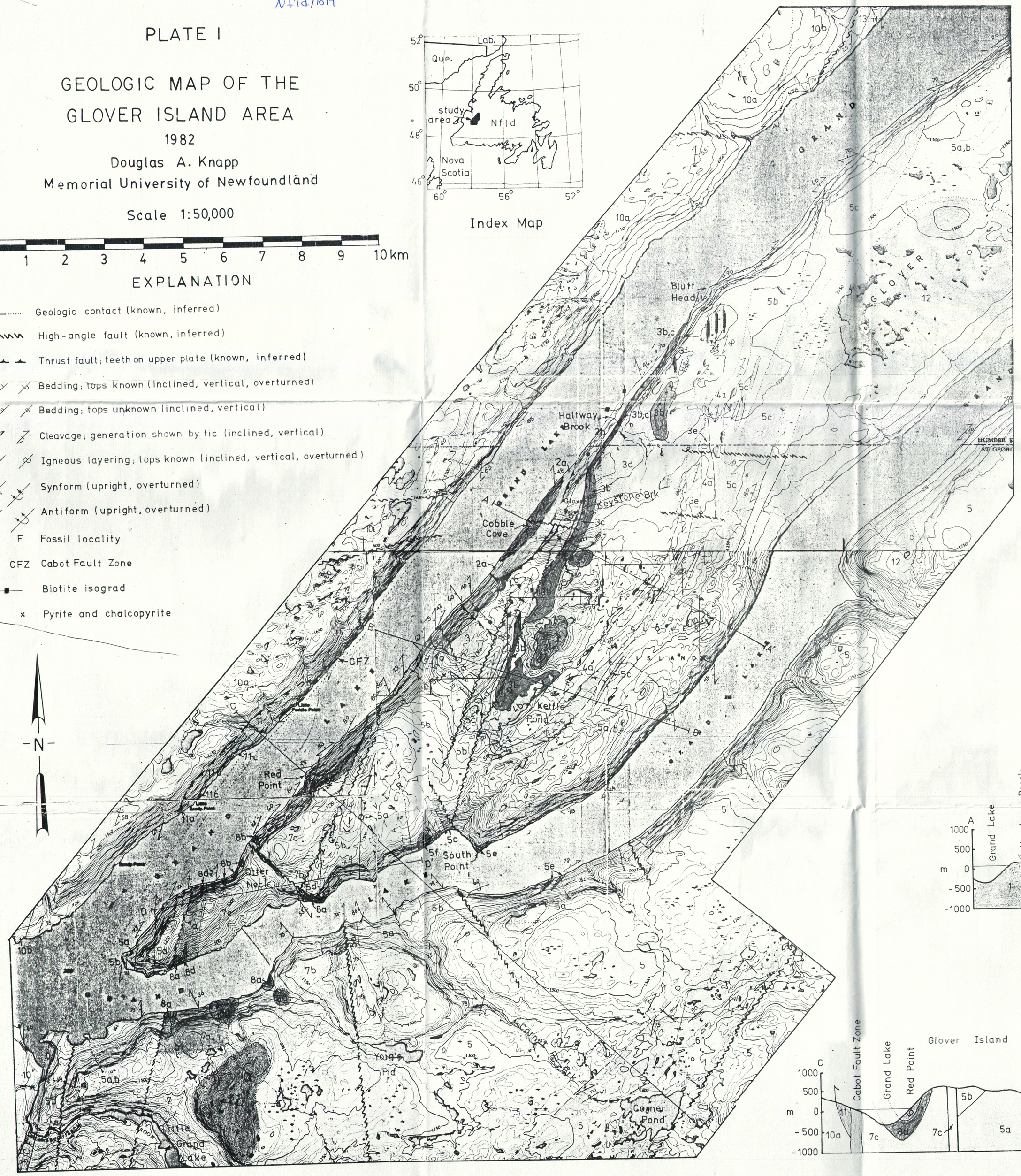
Scale 1:50,000

0 1 2 3 4 5 6 7 8 9 10 km

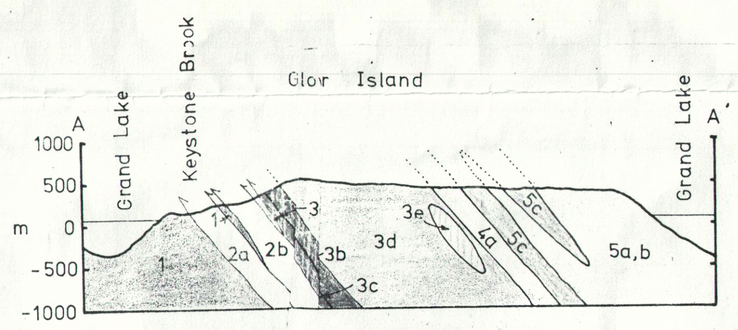
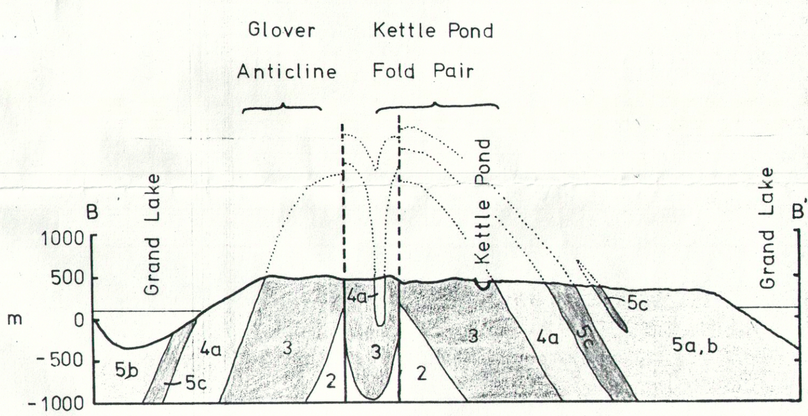
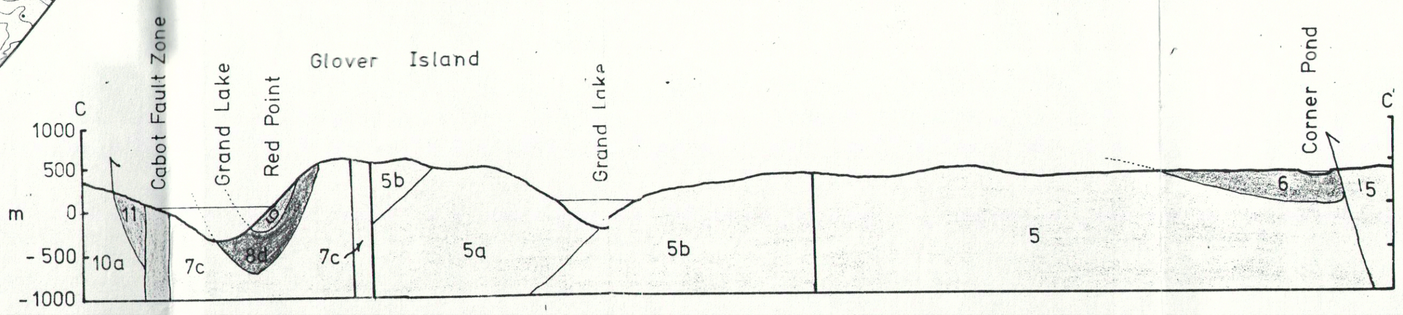
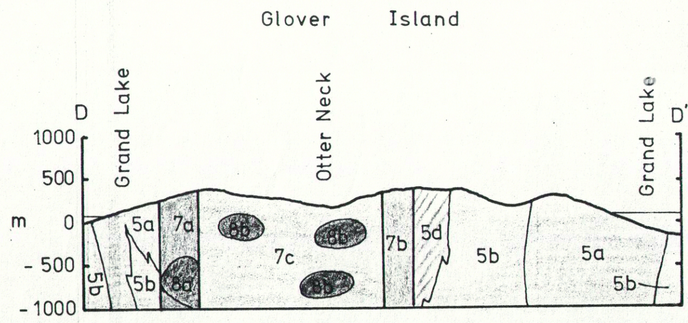
Index Map

EXPLANATION

- Geologic contact (known, inferred)
- High-angle fault (known, inferred)
- Thrust fault; teeth on upper plate (known, inferred)
- Bedding; tops known (inclined, vertical, overturned)
- Bedding; tops unknown (inclined, vertical)
- Cleavage; generation shown by tic (inclined, vertical)
- Igneous layering; tops known (inclined, vertical, overturned)
- Synform (upright, overturned)
- Antiform (upright, overturned)
- F Fossil locality
- CFZ Cabot Fault Zone
- Biotite isograd
- × Pyrite and chalcopyrite



E X P L A N A T I O N

WEST SHORE OF GRAND LAKE	SOUTH END OF GLOVER ISLAND	GLOVER ISLAND AND CORNER POND
CARBONIFEROUS 13 ANGUILLE GROUP: Grey siltstone, sandstone, conglomerate and impure limestone; black carbonaceous mudstone.		
DEVONIAN AND SILURIAN		12 Intrusive granitoid rocks.
ORDOVICIAN 11 Ophiolitic rocks; 11a, serpentine and talc-carbonate schist; 11b, greenschist; 11c, massive metabasalt.	9 RED POINT FORMATION: Green and tan metasandstone and metaconglomerate; purple phyllite and metagreywacke. 8 Intrusive rocks; 8a, metagabbro; 8b, silicic metaporphyry; 8c, mafic metaporphyry; 8d, metatrondhjemite. 7 OTTER NECK GROUP: Greenschist facies ophiolitic rocks; 7a, pillow lava; 7b, pillow breccia and aquagene tuff; 7c, sheeted dykes.	6 CORNER POND FORMATION: Tan metasandstone and metaconglomerate; grey, black and green slate; red silicic tuff; green and purple pillow lava. GLOVER GROUP (4-5) 5 TUCKAMORE FORMATION: Greenschist facies, mafic and silicic volcanics; 5a, pillow lava; 5b, mafic tuff and volcaniclastic sediment; 5c, silicic tuff; 5d, breccia; 5e, purple and black argillite; 5f, gabbro. 4 KETTLE POND FORMATION: Quartz-sericite schist and metaconglomerate; 4a, thinly layered quartz-sericite schist; 4b, polymictic metaconglomerate. 3 GRAND LAKE COMPLEX: Ophiolitic rock 3a, basal greenschist; 3b, serpentinized ultramafic rocks; 3c, talc-carbonate alteration of 3b; 3d, metagabbro; 3e, metatrondhjemite; 3f, metabasalt dykes; 3g, greenschist.
ORDOVICIAN AND CAMBRIAN 10 Psammitic and semipelitic schist and gneiss; 10a, albite schist and gneiss; 10b, quartz-rich psammite and minor amphibolte.		2 KEYSTONE SCHIST: Semipelitic and psammitic schist and gneiss; 2a, microcline schist, quartz-muscovite schist, metaconglomerate and amphibolite; 2b, biotite schist, quartz-sericite schist and carbonaceous schist.
PRCAMBRIAN		1 COBBLE COVE GNEISS: Quartzofeldspathic microcline gneiss and biotite-microcline mafic schist layers.

CROSS - SECTIONS