

LEGEND

DEVONIAN AND YOUNGER

- 15 15a, *Tractolite and olivine gabbro*; 15b, *biotite gabbro and diorite*; 15c, *medium grained, biotite granite*
- 14 14a, *Medium to coarse grained, locally porphyritic, gabbro, monzogabbro and monzodiorite; minor biotite ultramafic. Local extensive granite veins and dikes*; 14b, *biotite granite and granodiorite*
- 13 13a, *Gabbro, diorite and minor granite*; 13b, *granite*

DEVONIAN AND OLDER

- 12 Strongly to weakly foliated granite, garnetiferous leucogranite, megacrystic biotite granite and granodiorite. Intruded by undeformed granite, granodiorite and two mica granite; minor unsparsated inclusions of migmatite, paragneiss and cataclastic granite and granodiorite
- 11 Highly deformed, generally cataclastic, granodiorite and granite. Intruded by granodiorite, granite, apatite and pagmatite; locally contains inclusions of paragneiss and amphibolite
- 10 Gray, green and locally reddish, pebble to boulder conglomerate and minor interbedded sandstone
- 9 Granite, diorite and gabbro; 9a, *quartz-porphyratic quartz monzonite, granodiorite and quartz diorite*; 9b, *diorite and gabbro*; 9c, *pyroxenite*

MIDDLE ORDOVICIAN AND OLDER

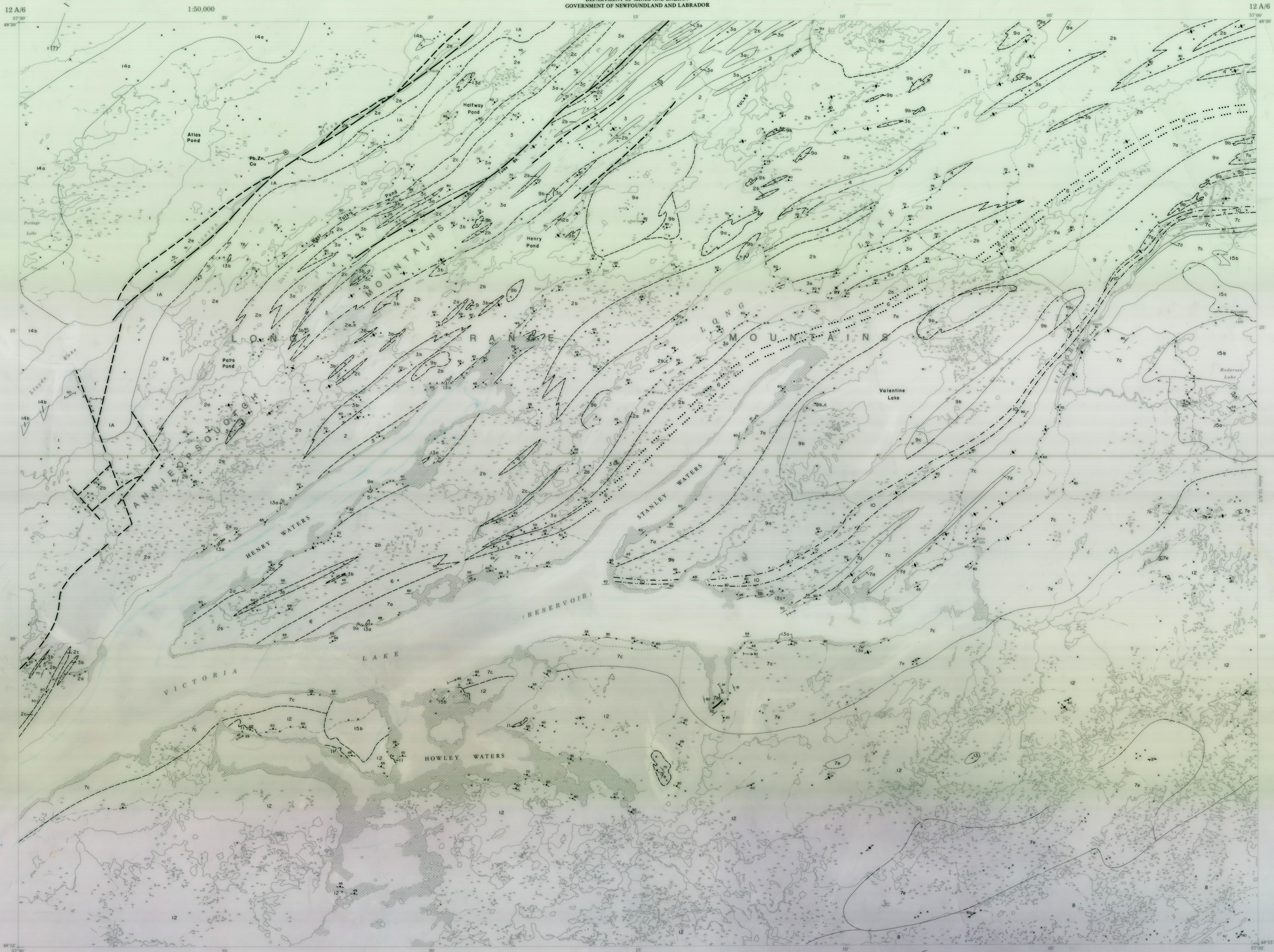
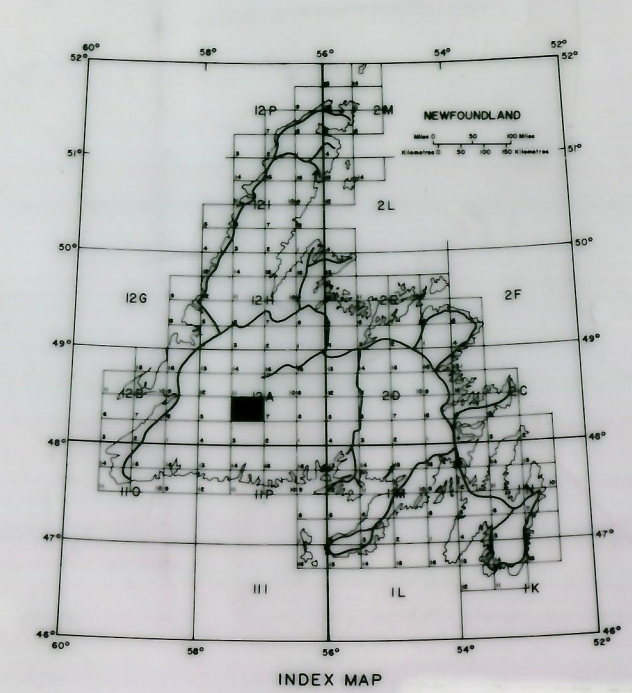
- VICTORIA LAKE - BAY DU NORD GROUPS (Units 2 - 8)**
- 8 Gray, foliated tonalitic and granodioritic migmatite; locally contains inclusions of paragneiss and amphibolite
  - 7 Metasedimentary and metavolcanic rocks and minor unsparsated granite and dioritic intrusions: 7a, *thinly bedded, banded, rhythmically layered, gray, green and black slates, argillite, sandstone, black shale, phyllite, minor tuff and gray-wacke*; 7b, *banded, white and black recrystallized limestone (locally)*; 7c, *mass-argillite, black shale, phyllite and minor tuff*; 7d, *black shale*; 7e, *metasandstone, paragneiss and amphibolite, gradational with 7c*
  - 6 Carbonaceous black shale and argillite; minor thin lenses of sandstone and siliceous tuff
  - 5 Gray to green, locally flow banded, feldsparphyric intermediate agglomerate, pyroclastic breccia, tuff, and minor intrusive phases
  - 4 Gray, green and pink, fine grained, bedded siliceous tuff, and breccia (feldsparphyric in places); possibly includes some flows
  - 3 Crystal tuff and breccia; 3a, *intermediate to siliceous, white and green quartz-feldspar crystal tuffs and unsparsated breccia*; 3b, *pink, tuff and green, aphanitic, siliceous tuff and quartz-vein tuff (phyllite and sericite schist) in places gradational into 3a*; 3c, *volcanic breccia and agglomerate with quartz and feldspar (gradational into 3a and similar to parts of 2a)*
  - 2 Mafic, intermediate and minor siliceous volcanic rocks and minor unsparsated granite and dioritic intrusions (2): 2a, *intermediate and minor siliceous, heterolithic pyroclastic breccia, minor andesitic agglomerate and flows, and associated siliceous tuff and fine grained reworked tuff (contains quartz near 2a)*; 2b, *intermediate to mafic, tuff, crystal-tuff and crystal tuff, and bedded reworked tuff, flows and minor unsparsated siliceous tuff*; 2c, *tuffaceous, carbonaceous argillite and intercalated tuff (similar to 6)*; 2d, *fine grained, green pillow lava*; 2e, *fine grained, bedded andesitic to siliceous tuffs (similar to bedded tuffs of 2b and 7a)*
  - 1 Amnecopquoich Ophiolite Complex: Coarse grained, equigranular gabbro; minor diabase dikes
  - 1A Altered and sheared, medium grained, green gabbro and minor diabase dikes of unknown affinity

SYMBOLS

- Geological boundary (defined, approximate, assumed, gradational, geophysically defined) .....
- Bedding, tops known (horizontal, inclined, vertical, overturned) .....
- Bedding, tops unknown (horizontal, inclined, vertical) .....
- Primary igneous layering (horizontal, inclined, vertical) .....
- Shearing and dip .....
- Schistosity, cleavage (horizontal, inclined, vertical) .....
- Gneissosity (inclined, vertical) .....
- Unconformity (defined, assumed) .....
- Minor fold axis (due to main deformation, due to subsequent deformation(s)) .....
- Fault (defined, approximate, assumed) .....
- Thrust fault (approximate) .....
- Outcrop .....
- Mineral occurrence (pyrite) .....
- Mineralized boulder (copper, lead, zinc) .....

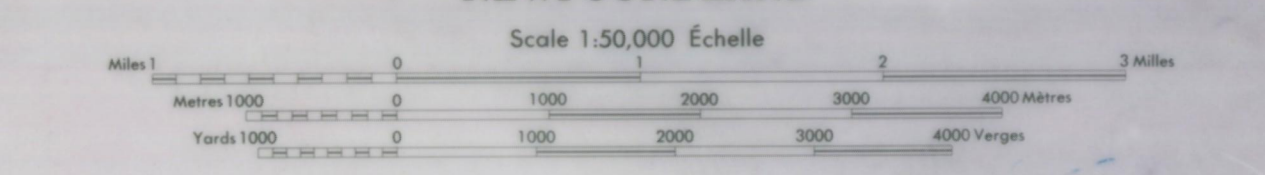
Geology by B.F. Keen 1975, 1976 and revised 1980  
 This preliminary map may be subject to revision and correction.  
 Geological cartography by Mineral Development Division, Department of Mines and Energy, Government of Newfoundland.  
 Copies of this map may be obtained from the Mineral Development Division, Department of Mines and Energy, St. John's, Newfoundland.  
 Base maps at same scale published by the Surveys and Mapping Branch, Department of Energy, Mines and Resources.  
 Approximate magnetic declination 1973, for center of map, 29° 55', decreasing 3.4' annually.  
 Elevations in feet above mean sea level.  
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MAP 82-9

VICTORIA LAKE  
NEWFOUNDLAND



MAP 82-9