

LEGEND

SYMBOLS

- 8 FELDSPAR-QUARTZ PORPHYRY, SILLS, DYKES
  - a) coarse grained
  - b) fine grained
- 7 RUBY LAKE GABBRO/DIORITE, SILLS, DYKES
- 6 GABBROIC COMPLEX
  - a) gabbro, medium grained
  - b) gabbro, medium grained, with fine grained diorite dykes
  - c) gabbro, medium grained, with aphanitic intermediate dykes
  - d) gabbro, fine grained
  - e) gabbro, aphanitic
  - f) igneous breccia: medium grained gabbroic clasts in a fine grained dioritic matrix
  - g) altered gabbro, non- to weakly schistose, pale green, chloritic
  - h) altered gabbro, non- to weakly schistose, chlorite - carbonate
  - i) altered gabbro, schistose, chlorite - carbonate - quartz  $\pm$  fuchsite  $\pm$  tourmaline  $\pm$  sericite
- 5 'KNOTTED' GABBRO
  - a) hornblende-plagioclase poikiloblastic
  - b) microphyric
- 4 CHLORITIZED MAFIC ROCKS
  - a) mafic volcanic rock (tuffaceous?)
  - b) schistose
- 3 FELSIC TO INTERMEDIATE VOLCANICLASTIC ROCKS
  - a) felsic tuffaceous rock
  - b) intermediate tuffaceous rock
  - c) intermediate volcaniclastic rock
- 2 MAFIC VOLCANICLASTIC AND SEDIMENTARY ROCKS
  - a) mafic volcanic - derived wackes
  - b) mafic siltstone
- 1 BASALTIC ANDESITE
  - a) aphyric flow
  - b) pyroxene - phyrlic flow
  - c) fragmental

- Outcrop
- Area of shallow overburden
- Lithological contact, known, assumed
- Limit of geological mapping at 1:1200 scale
- Fault, known, approximate
- Zone of chloritization and shearing, known, approximate
- Zone of alteration, 6g, 6h-6i
- Antiform, assumed axial trace
- Bedding, inclined, vertical, dip unknown
- Schistosity, inclined, vertical, dip unknown
- Cleavage, regional, inclined, vertical, dip unknown
- Cleavage, axial, (kink folds), inclined, vertical
- Layering
- Deformed pillows
- Pillowed flow, tops unknown
- Gold occurrence
- Decline, Tartan Lake gold deposit
- Surface projection of the Main Zone, Tartan Lake gold deposit
- Diamond drill hole
- Trench
- Swamp
- Road, all weather
- Drill road
- Bridge

The grid that was used for reference in this mapping was cut in 1985 by Granges Exploration Ltd.

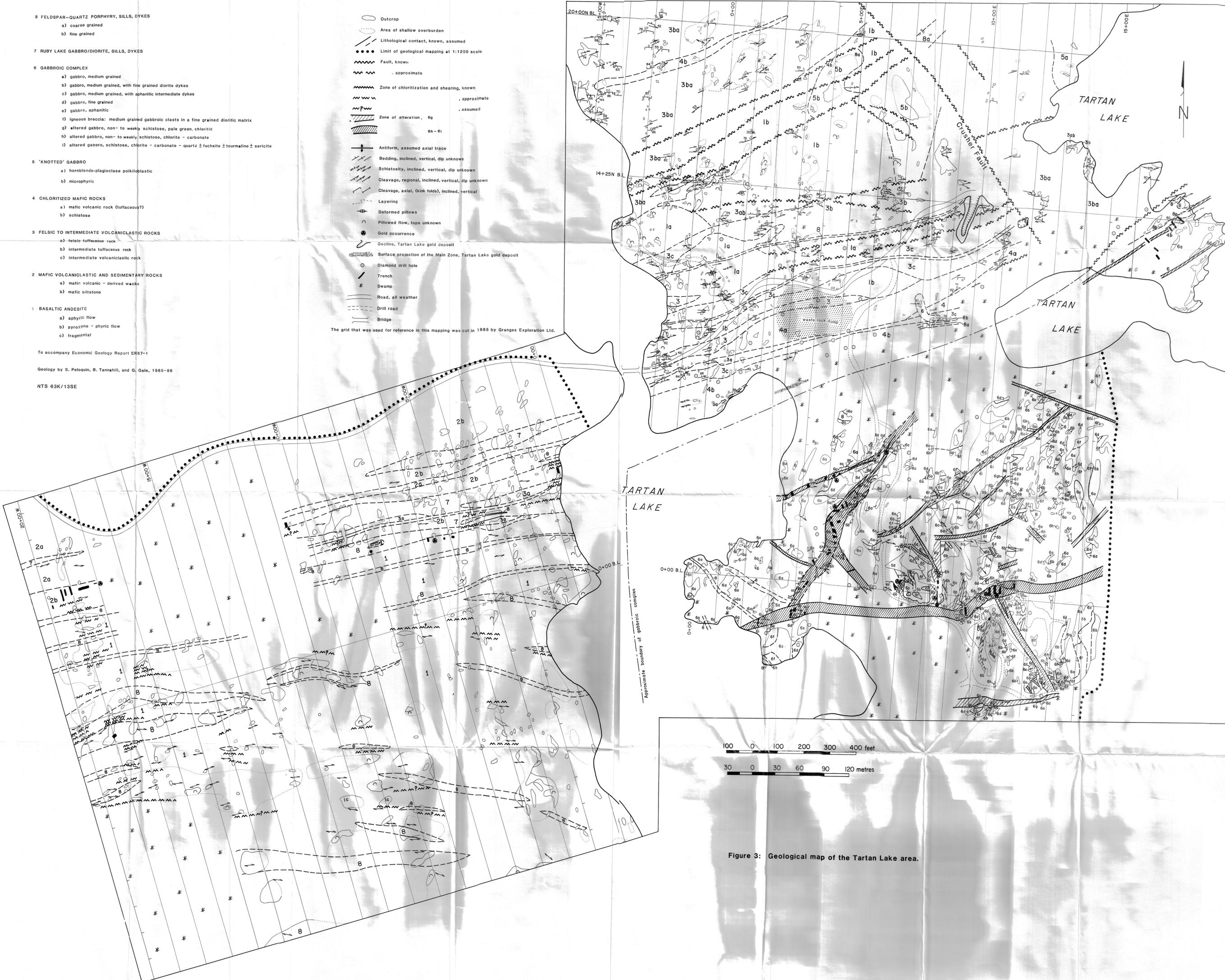


Figure 3: Geological map of the Tartan Lake area.