



Property - T. Meito, P. Laakso.

Location - Broder Tp., lot 8, con. 2.

Access - Long Lake Rd. past Rheault then branch off on Chief
Main
Lake rd. Occurrence is about 100 ft. from the road.

General Geology - (See O.D.M. map 2017 - Broder, Dill, Neelon, Dryden).

The country-rock consists of dark greenish-black Sudbury metagabbro bodies which intrude Wanapitei's quartzites. The metagabbros carry minor amounts of disseminated sulphides, pyrrhotite and chalcopyrite, throughout. Locally, the sulphides are concentrated enough to warrant exploration.

The sulphides occur in the metagabbro over an area of about 150 feet by 300 feet. Minor sulphides are exposed in 6 pits. Only the large (40'x10'x5') central pit contains appreciable amounts of pyrrhotite and chalcopyrite. Here, well mineralized samples would contain about 30% pyrrhotite and 5% chalcopyrite. There are also some massive sections containing about 90% pyrrhotite and 10% silicates (amphiboles) and magnetite.

Mineralogy and Assays: The sulphides consist of pyrrhotite and chalcopyrite, with pyrrhotite being at least 10 times as abundant as chalcopyrite.

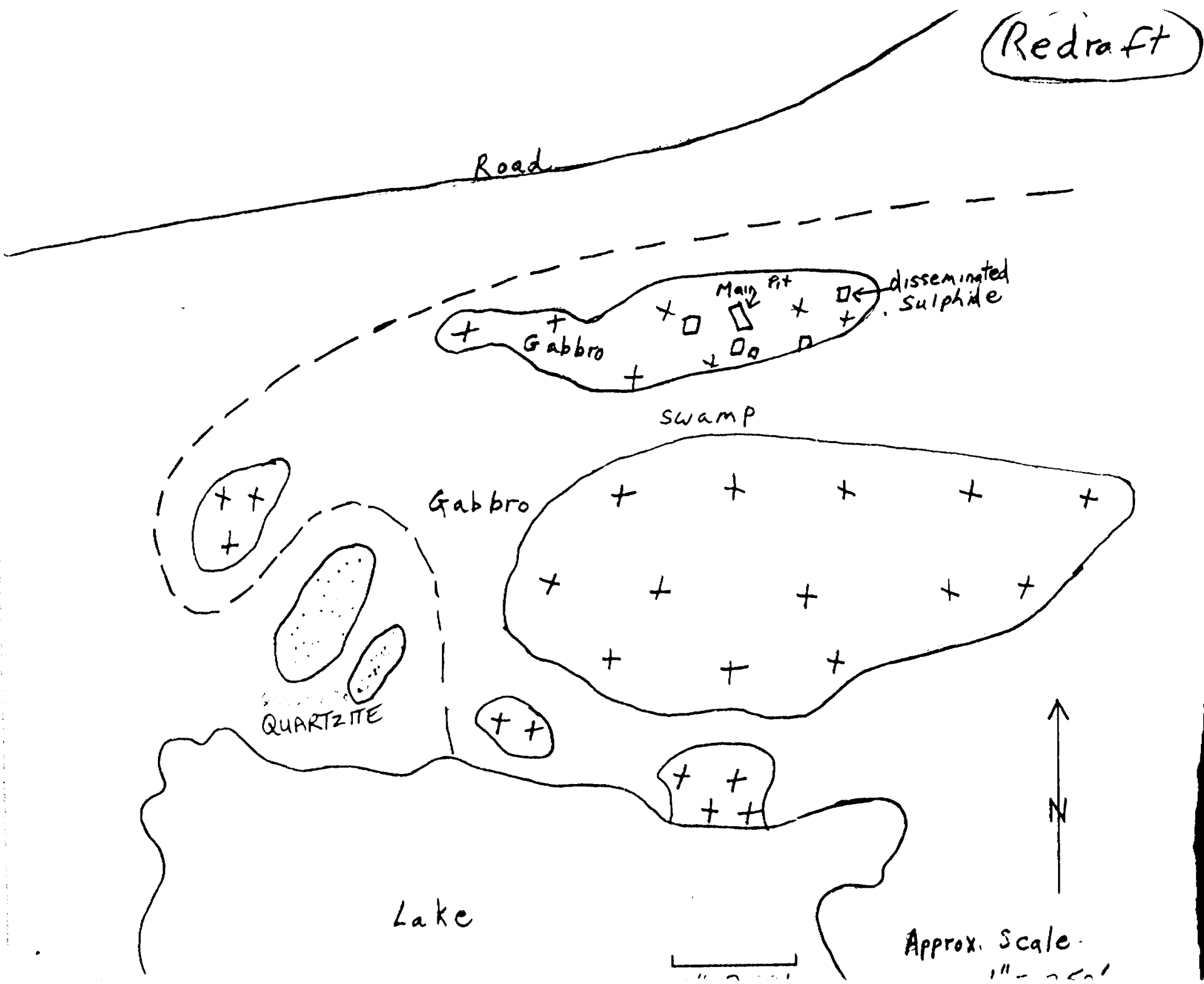
Assay results reported by the owners are as follows: a) Ni - 0.80%, Cu - 0.72%, Ni - 2.11%, Cu - 0.16%, Ag - 0.12%.

Structure - The attitude of the mineralized zone would not be determined. It could be flat and sill-like, or a plunging shoot-like body, or, most probably, a patch about 4 feet in diameter grading into barren metagabbros in all directions.

Recommendations: The owners were advised to concentrate their efforts around the main showing. It was suggested they deepen the main pit to see if the mineralization bottomed rapidly. Then, if it did not, they were advised to drill it in a limited way.

Personal Assessment: This is exactly the same sort of occurrence as several thousand others in the Sudbury gabbro in the district. All the others have been disappointing and this one does not appear to have much chance of making ore.

Redraft





Serial No. S65-1.....

900

nation by Resident Geologist

Name of Property or Owner ...T.Meito,.P.Laakso.....

Address of Owner ...R.R.#.4.Chelmsford.....

Location of Property

Mining Division ...Sudbury.....

Township ...Broder Tp.....Concession...2.....Lot...8.....

Area Map #2017-Broder, Dill, Neelon, Dryden or N.T.S. or Lat:Long.....

At time of visit was property being actively explored?..Yes.....or dormant?..

Chief metal or mineral sought..Ni, Cu.....

Has a report been prepared?....Yes.....

Does report consist of information supplied by others for public use?.....

Has report been placed on open file (available for inspection and copying)?No.

What original work did your examination involve? (check)

Geological Mapping: Surface sketch... Underground.....

Mineral Identification..... Core Examination.....Core Logging.....

Sampling.....Petrography.....Structural Interpretation.X.....

Other (list).....Advice given on further exploration.....

Are notes or report on restricted file (available for discussion only)?..Yes....

Date when property was examined....Sept. 4, 1965.....

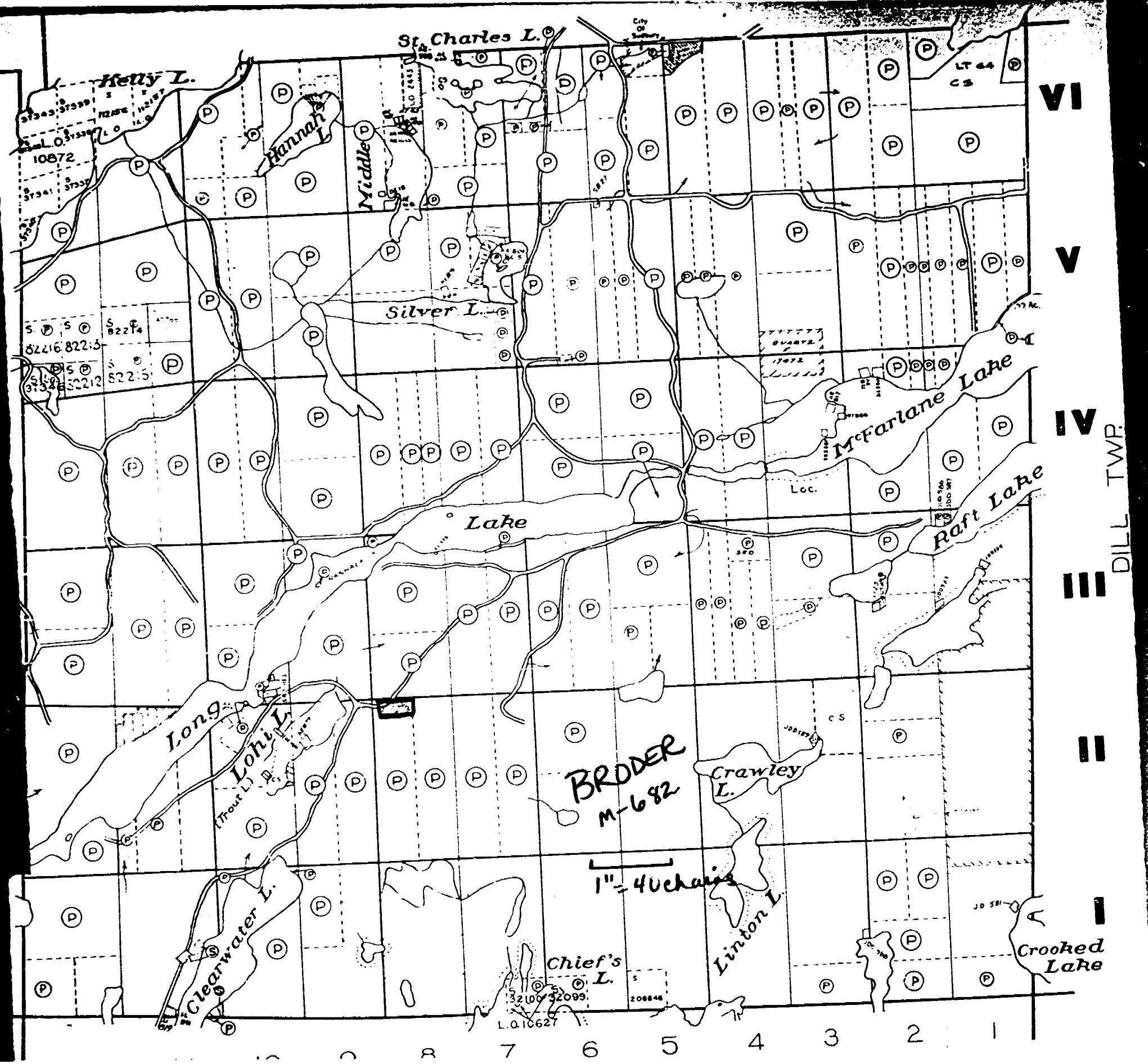
Comments. Another sulphide occurrence in the Sudbury gabbros. Probably small but very local sulphide-rich pockets:.....

Submitted by ...K. D. Card..... Resident Geologist

Office ..Sudbury.....

Date....Sept. 4, 1965.....

Please complete one form for each property examined and forward to Director, Geological Branch.



VI

V

IV

III

II

I

DILL TWP.

Chief's L.
L.O. 10627
32100 32099
208848

BRODER
M-682

1" = 40 chains

Kelly L.
10872

S 822 F
82216 82215
82214 82213
82212 82211

QUARTZ
17972

LT 84
CS

Loc.

CS

JD 581

7 6 5 4 3 2 1