



41115NW0015 FRALECK10C1 FRALECK

(May 9, 1950)

010

BARRY-TOWERS PROPERTY

FRALECK TOWNSHIP

In 1949 H. Barry and L. Towers, of Sudbury, and associates held a group of claims in the southeastern corner of Fraleck township. The main showing is on claim S-51471 at a point where the motor road of the Poupore Lumber Company crosses the Wanapitei river. This private road extends northward from the highway near Skead village and passes around the west side of Wanapitei lake.

The showing was being developed with a small diamond drill. Messrs. Barry and Towers were planning to install a small Gibson mill and recover gold from the small high-grade pocket by amalgamation.

The writer visited the property in July, 1949.

GEOLOGY

The workings on the vein may be seen on the east side of the road at the bridge over the Wanapitei river. It runs along and near the edge of a ridge of medium-grained gabbro. The vein strikes N. 20° W., dips 65° E, and is traced on the surface for 350 feet. At the north end it disappears under talus and at the south end it appears to terminate in a series of flat stringers. The vein has a maximum width of one foot and over most of the exposed length is 2 to 6 inches wide. It is largely white quartz, slightly mineralized in places.

Most of the work has been done in small pits on the north end. Here, at one point there is a considerable amount of galena in a small pocket in the vein, but it is cut off by a fault. A

selected grab sample of the heavy galena mineralization was taken by the writer. This assayed 12.93 per cent lead, 1.50 per cent copper, 1.49 ounces silver, and 0.91 ounces gold per ton.

A 95-pound sample of ore from this location was tested by the Mineral Dressing and Metallurgical Laboratories, Ottawa, in 1949 (Investigation No. M.D. 2597). The ore was found to contain galena, cerussite, anglesite, chalcopyrite, pyrite, arsenopyrite, covellite, and native gold.

The showing is much too small to be worked profitably. However, it is of some interest because there is evidence that the bed of the Wanapitei river is the locus of a major fault and that the showing is only a branching fracture from this structure. Northward along the east side of the Wanapitei there are other local shears that strike about parallel to the river and dip eastward. An upthrust of the sediments on the east side of the river would account for the repetition of the easterly-dipping Gowganda conglomerate here.

Roughly half a mile to the southeast of the showing described above there is a strong sheared zone, striking about N. 20° W on the south side of a beaver pond on claim S-51468. This lies along the side of a diorite ridge. The sheared zone is several feet wide and contains a cherty quartz-carbonate vein that is reported to contain low gold values. The sheared zone is traced about 200 feet by old test-pits.

J. E. Thomson.

Ont. Dept of Mines.

L. TOWERS
GROUP.

51471	51470
51472	51469
	51468

FRALECK TWP.

S.E. CORNER

1" = 40 chains



TOWERS VARIETY STORES

Telephone 8-8872

HARDWARE

BICYCLES

PAINTS AND VARNISHES

CLOTHING

SMALLWARES

GATCHELL
ONTARIO

June 20/49

Diamond Drill Sampling Record

Hole No. 1

Dip at collar 75%

Logged By L. Towers

Direction West.

Started May 12/49

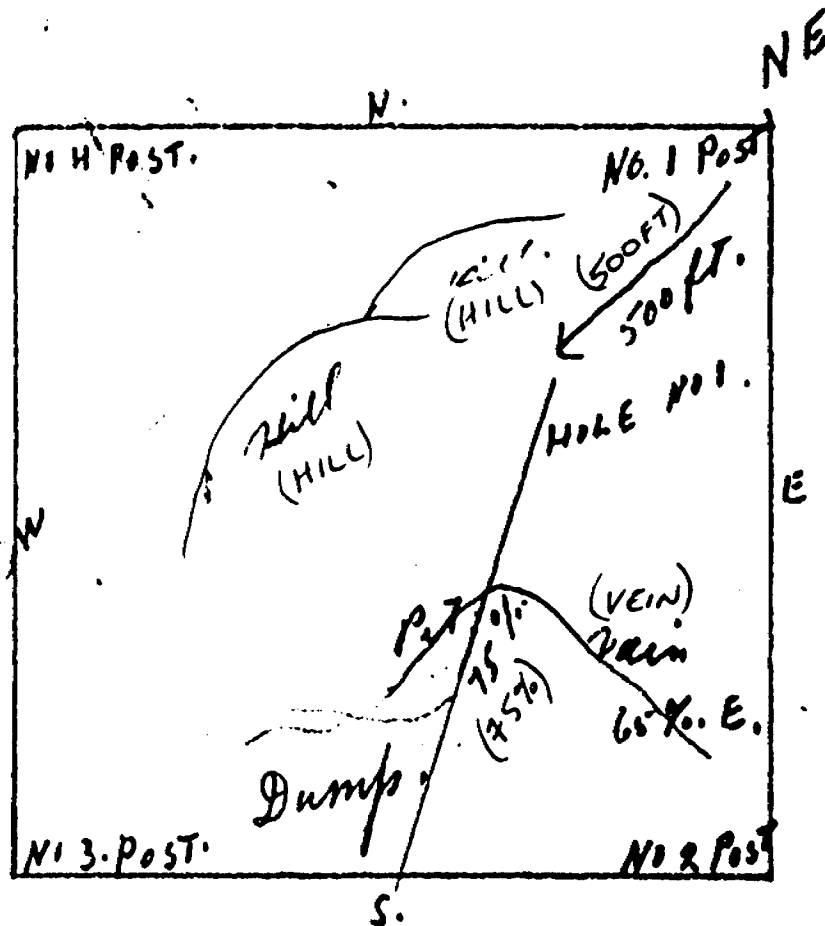
Length 78 Ft.

Finished May 16/49

Claim No 51471 Fraleck Twp.

1 to 12 feet Diorite some Quartz Stringers
12 to 44 feet Graywacke & Quartz Stringers
44 to 47 feet Quartz, Heavy Galena,
47 to 78 feet Diorite & Quartz

Location of hole 500 ft. S.W. of N.E. Corner



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HARDWARE

BICYCLES

PAINTS AND VARNISHES

CLOTHING

SMALLWARES

GATCHELL ONTARIO

June 20/49

Diamond Drill Sampling Record

Logged By L.Towers

Claim No. 51471 Frazeck Twp.

Started May 16/49

Hole No. 2

Finished May 20/49

500 ft. S.W. of N.E. Corner

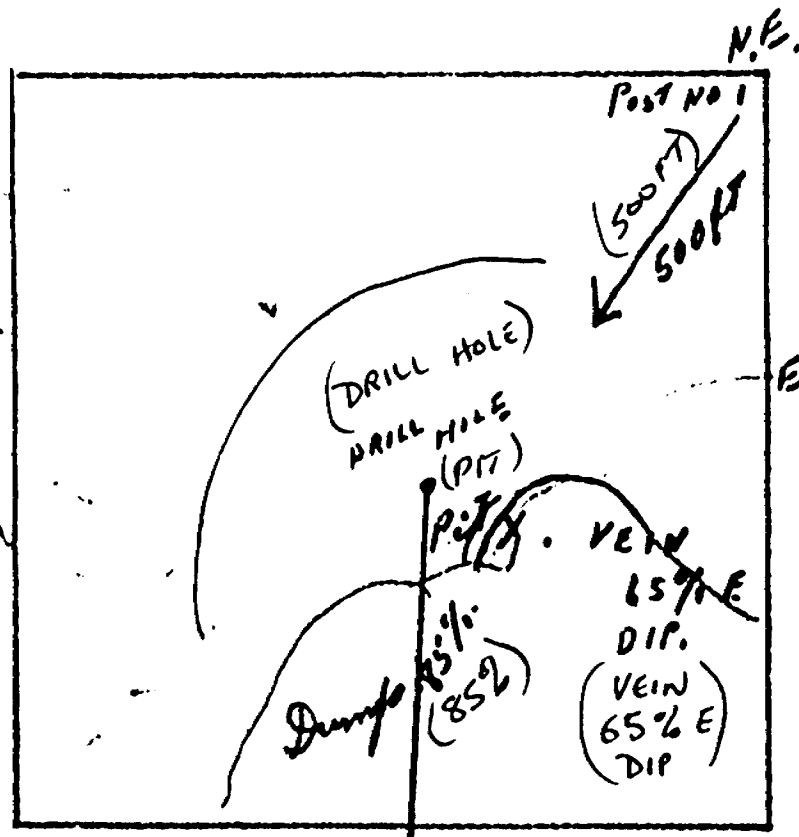
~~85%~~ Dip at collar 85%

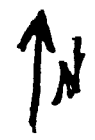
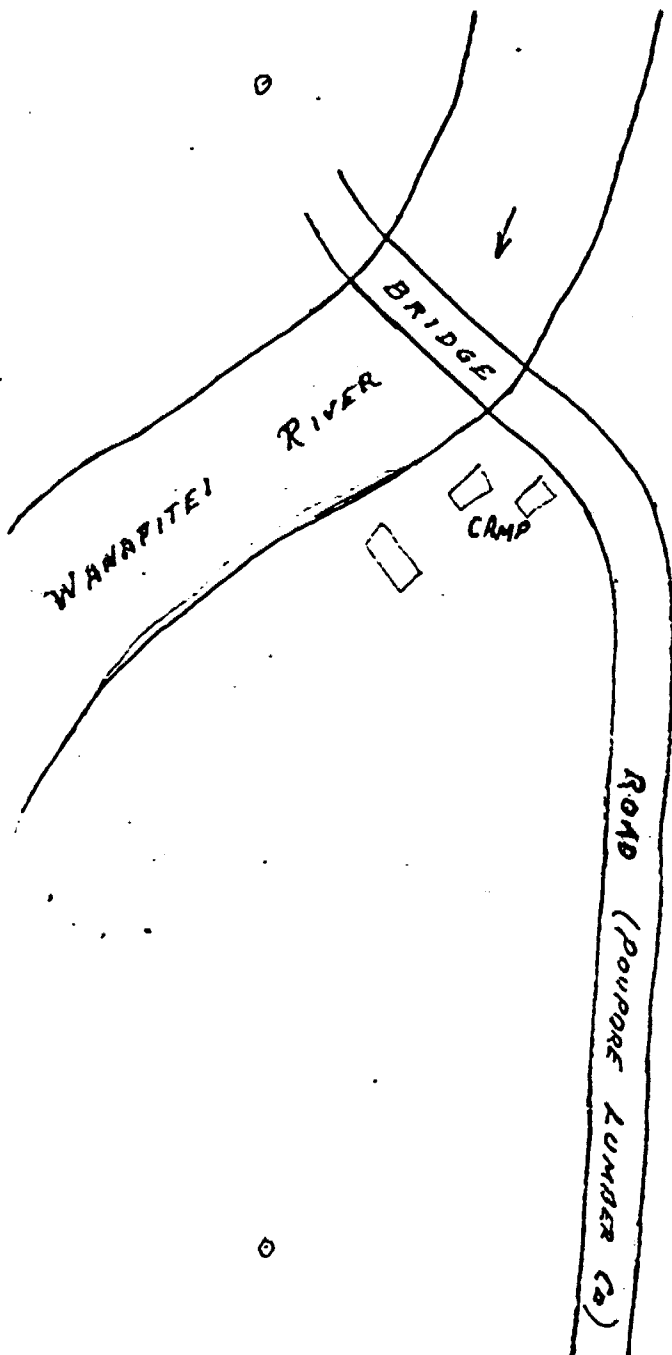
Direction West.

Depth of hole 75 Ft.

1 to 15 ft. Quartz, Galena, Chalcopyrite,

15 to 75 ft. Diorite with Quartz stringers Chalcopyrite.





BROKEN TALUS
Broken talus

#1 P.D.N.
65' to 200' N

spotty heavy galena, vein cut off by FAULT SHEAR 1' wide

white gtz up to 1' + Ugsy

5'-4" white gtz. No mineral
3'-4" white gtz. No mineral

SHEARED ZONE

qtz Vein 2'-6"

#3 P.D.N.
Flat hole being drilled

Med. grained galena

6" + FLAT STGS. VEIN CAN ? banded, SLIGHTLY MINERALIZED

100' = 1"

BARRY-TOWERS-DINSMORE VEIN
CLAIM 5-51471
FRALECK TWP
1" = 100'



41115NW0015 FRALECK10C1 FRALECK

900

THE TOWNSHIP
OF

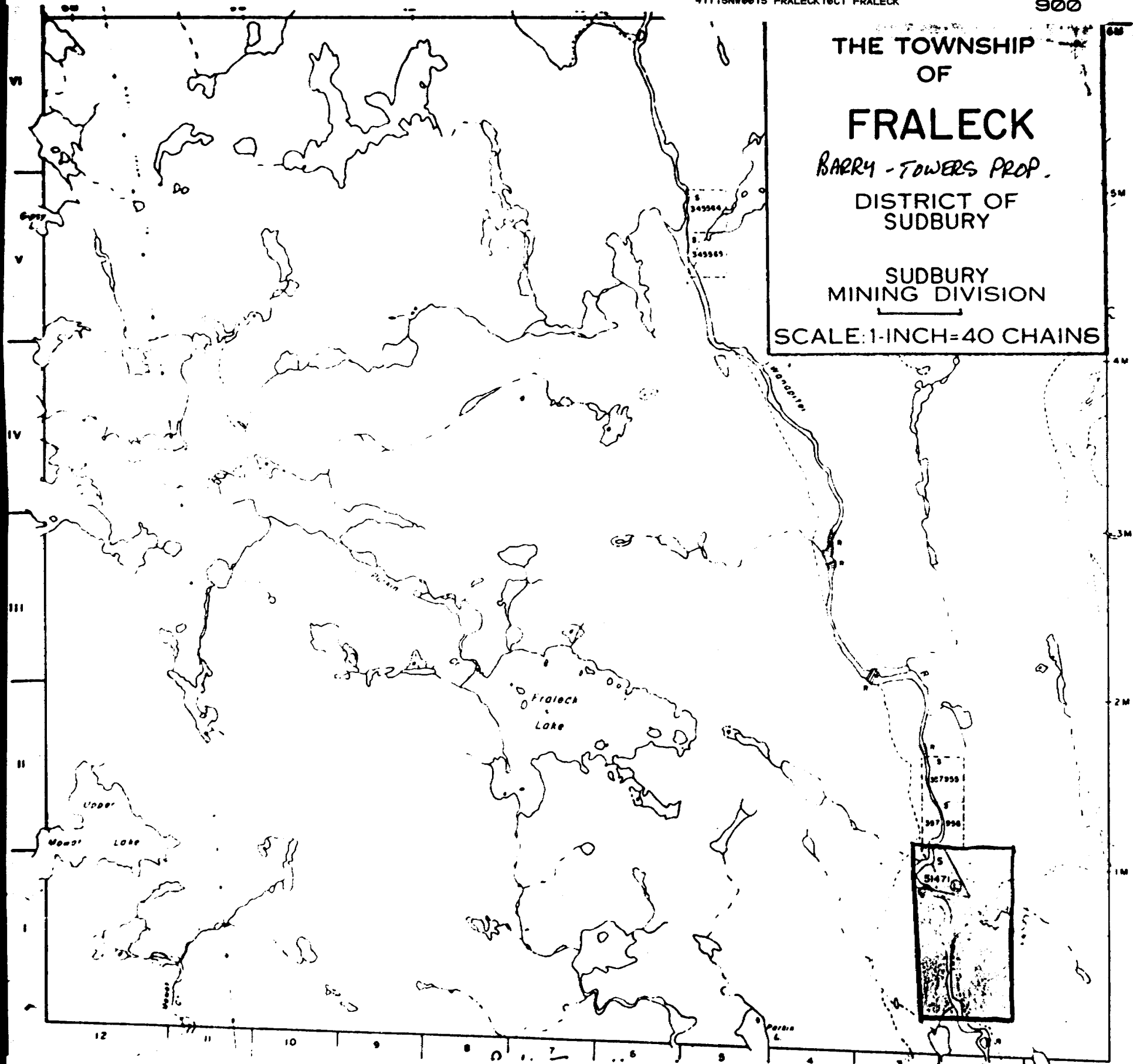
FRALECK

BARRY - TOWERS PROP.

DISTRICT OF
SUDBURY

SUDBURY
MINING DIVISION

SCALE: 1-INCH=40 CHAINS



Telfer Twp. M.1154