



42801NE0147 63.4311 KEITH

010

REPORT OF TRENCHING AND STRIPPING
on the

Sanford Property,
Keith Township,
District of Sudbury.

Performed under-
OMEP GRANT OM83-5-I-95

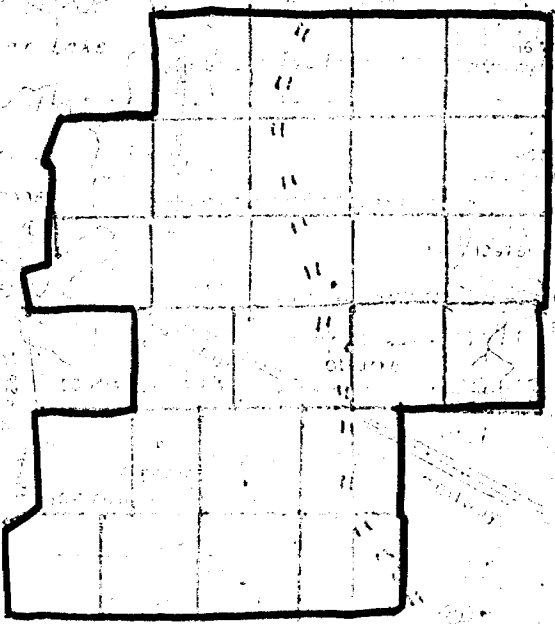
Report by:

G.K. Sanford

February, 1984

FOLBYE
APPROX 15 MILES

TIMMINS
APPROX. 50 MILES



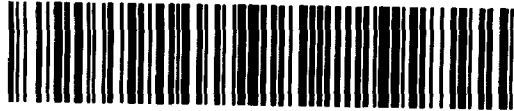
75M

6M

KEITH TOWNSHIP

Map (M-1055)

4 5M



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Introduction:

This report is made as partial fulfillment of the regulations of the Ontario Mineral Exploration Act, 1980. This report describes work performed by Gerald K. Sanford, Schumacher, Ontario, which work has been designated under the above act and registered as OM83-5-L-95.

The property consists of thirty-one (31) claims, situated north and south of the Canadian National Railway mainline, approximately two miles east of the hamlet of Palomar, Keith Township, in the district of Sudbury. (Figs. 1,2)

The area has been explored sporadically over the years. The property contains several trenches which appear to have been excavated approximately forty years ago. There is no available information describing the work and results. These trenches have been completely filled in over the years.

The property ties into the east boundary of the Joburke mine property which produced approximately 700,000 Tons of Au in the range of .1 oz/T between 1973 and 1981. The geology of the mine consists of auriferous quartz stringers and veins in silicified, carbonatized andesite and dacite plus interlayered iron formation. Production by Pamour Mines Ltd. was suspended in 1981 due to low gold prices. Another nearby property, the Hoodoo Prospect contains auriferous quartz veins and quartz-carbonate stringers in sheared dacite. Veins are 1 to 3.5 feet wide. Surface sampling and diamond drilling have indicated narrow discontinuous mineralized veins. The most recent work was performed by Dome Exploration from 1969 to 1972.

(from GOLD AND BASE METAL DEPOSITS AND OCCURRENCES -
ABITIBI BELT by MPH Consulting Ltd., 1982)

Table 1.
List of Mineral Claims

<u>Claim No.</u>	<u>Date Recorded</u>
P-654248	Sept. 13, 1982
P-654249	Sept. 13, 1982
P-654250	Sept. 13, 1982
P-654251	Sept. 13, 1982
P-654252	Sept. 13, 1982
P-654253	Sept. 13, 1982
P-660601	Sept. 13, 1982
P-660602	Sept. 13, 1982
P-661517	Sept. 13, 1982
P-661518	Sept. 13, 1982
P-683688	Dec. 6, 1982
P-683689	Dec. 6, 1982
P-688518	Dec. 16, 1982
P-688519	Dec. 16, 1982
P-688520	Dec. 16, 1982
P-688521	Dec. 16, 1982
P-688522	Dec. 16, 1982
P-688523	Dec. 16, 1982
P-723987	May 16, 1983
P-723988	May 16, 1983
P-723989	May 16, 1983
P-723990	May 16, 1983
P-724931	June 24, 1983
P-724932	June 24, 1983
P-724933	June 24, 1983
P-724934	June 24, 1983
P-742762	July 19, 1983

con't page 2 ---

● page 2, Table 1.

P-758049	April 11, 1983
P-758050	April 11, 1983
P-758051	April 11, 1983
P-758052	April 11, 1983

* All Claims are recorded and owned by GERALD K. SANFORD.

Table 2
List of Persons Employed

<u>Name</u>	<u>Address</u>	<u>Dates Worked</u>	<u>Days Worked</u>
G. Sanford	Schumacher, Ont	June 11 to 30 incl. July 1 to 30 incl. Aug. 1 to 30 incl.	<u>80</u>
T. Sanford	Timmins, Ont.	June 29, 30 July 4, 5, 6, 11, 14 to 21, 23 to 31 August 1 to 31 incl.	<u>54</u>
L. Sanford	Timmins, Ont.	July 16 to 21, 23 to 31 August 1 to 31 incl.	<u>44</u>
S. Martel	Schumacher, Ont.	June 11 to 16, 21, 22	<u>8</u>
R. LeFeriere	New Liskeard, Ont.	June 11 to 16, 21 to 24, 27, 28	<u>12</u>
L. Lavirier	Timmins, Ont.	July 16, 17, 23, 24, 30, 31 August 6, 7, 13, 14, 20, 21, 27, 28	<u>14</u>
			<u>212</u>

General Geology

The general geology of the property consists of sheared mafic and intermediate to felsic volcanics trending approximately east to west. Locally, the volcanics trend northwest to southeast. Carbonatization and quartz and calcite stringers are common local features. Underlying the northern part of the property, interlayered with the volcanics, is extensive, multi-facies iron formation. Locally, the iron formation has been extensively trenched in the past.

Work Performed

The work on the property was performed between June 11, 1983 and September, 1983. To facilitate access and to provide control, an east-west sampling line was cut for approximately 5800 feet from claim 723989 to MacKeith Lake (claim No. 658523). The majority of the work was manual labor. In addition, a diesel compressor with 500 feet of hose and a plugger and two Atlas Copco Cobra pluggers were employed. Table 2 outlines the names, addresses and dates worked of persons employed to perform this work. The project was under the direct supervision of Gerald Sanford.

This season's work concentrated on exploring the iron formation, particularly on claims P654250 and P758051. Initially, work was concentrated on cleaning, extending and sampling a series of four old trenches on claim P758051. Four additional trenches were excavated on this claim to expose sulphide zones and quartz veins in the iron formation. In excess of 600 feet of trenches were exposed on this claim (Fig.3).

The other claim where extensive work was performed was claim P654250. Two hundred and sixty-five feet of trenching was excavated in 8 trenches. Also a 20 by 120 foot pit was also excavated (Fig.4).

The other claim that was worked was P688523. Three trenches, totalling 44 feet in length, were blasted on the east side of MacKeith Lake to expose quartz veining in iron formation. (Fig. 5)

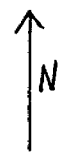
Results

All trenches were extensively grab sampled with attention paid to quartz and sulphide zones. In excess of 100 samples were sent for analysis. The highest value obtained was .03 oz. ton Au. The sample was obtained from sulphide iron formation.

Conclusions:

The iron formation portion of the property was well exposed and explored during the course of the program. It is concluded that the iron formation does not contain economic gold. However, prospecting late in the fall produced encouraging results in the volcanics south of the property. It appears that the volcanics lie along strike with the Joburke deposit. As a result, a number of claims were staked and it is proposed to concentrate future exploration in this area.

Fig 3

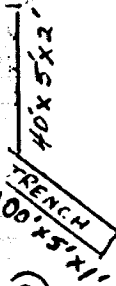
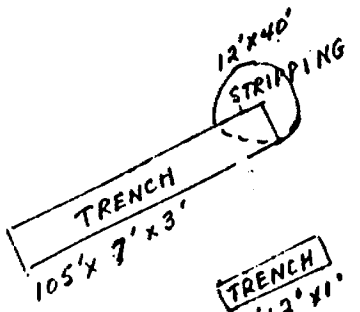
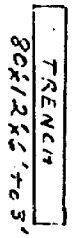
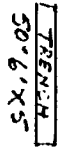
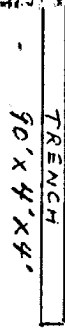
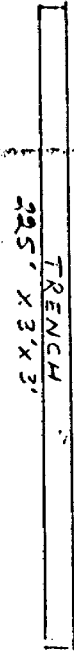


PT 8051

350'

1320'

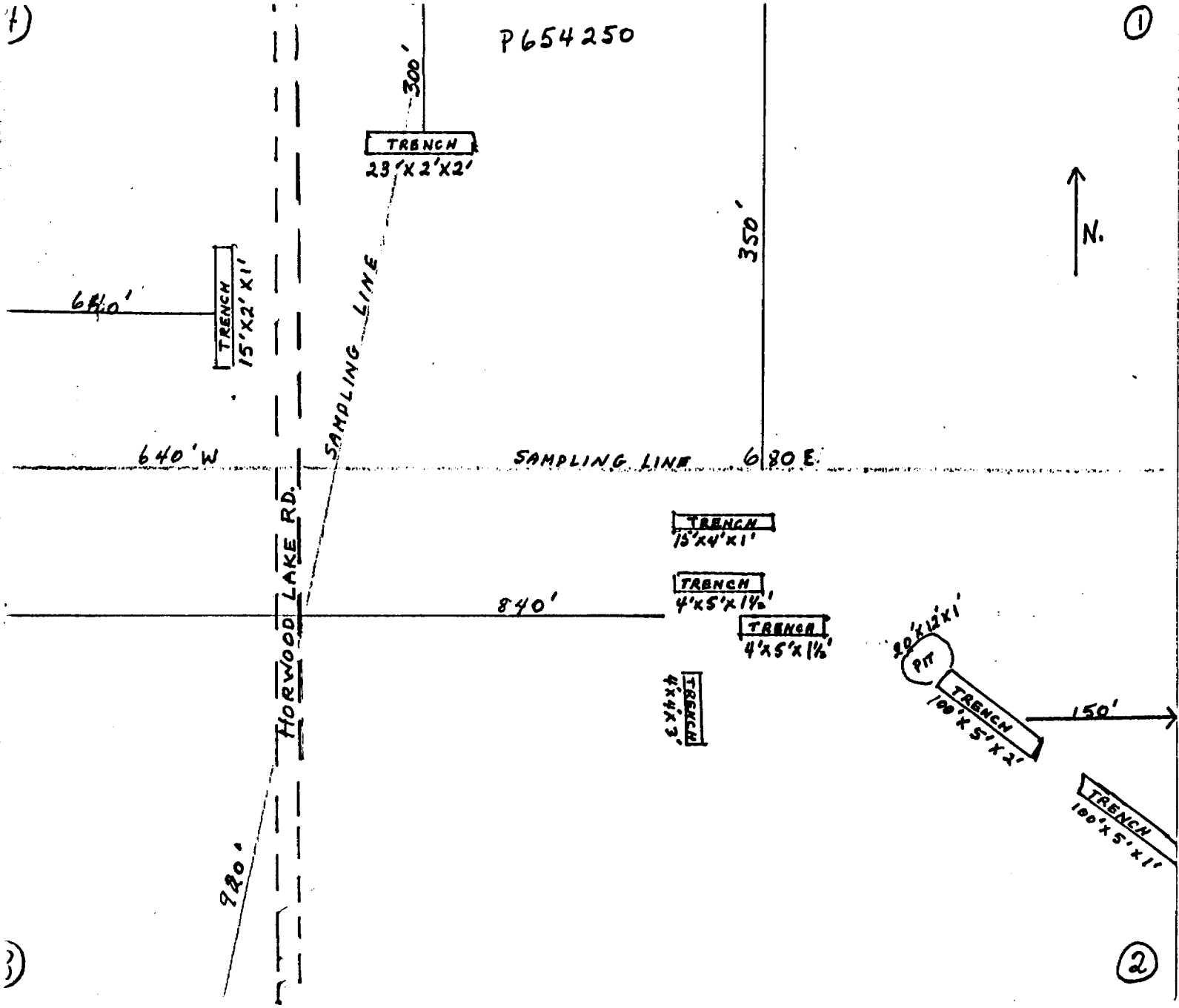
SAMPLING LINE



(3)

(2)

1)



1

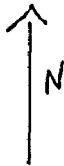
Fig. 4.

2)

2

P688523

Fig 5'



350'

732 W

SAMPLING LINE

MCKEITH LAKE

800'

TRENCH
14' X 3' X 3'

TRENCH
12' X 3' X 3'

TRENCH
18' X 3' X 3'

3

2