

63.3812



P.A.R. BROWN BSc. ARSM.  
consulting mining geologist  
RR1 CORBEIL ontario poh 1ko  
705 752 1123



52C155E0025 63.3812 LITTLE TURTLE LAKE

010

Golden Jar Enterprises

---

Report on claim H.P.191

Mine Centre Area

District of Rainy River

Kenora Mining Division

Ontario

---

by

P.A.R. Brown B.Sc. A.R.S.M.

## Introduction

The Mine Centre area was one of the earliest gold mining camps in the Canadian Shield. Small mines with high grade production typify this region, with several being in production before 1900. Unfortunately interest in the area waned as the Porcupine Camp was discovered. The Olive Gold Mine, the Foley, and the Golden Star were all small producers close to claim H.P.191.

## Location and access

The property is situated just off the north east corner of Bad Vermillion Lake, about 60 km. east of the town of Fort Frances, and 260 km. west of Thunder Bay. Highway 11 connects these two towns and runs through the centre of the property which lies about  $\frac{1}{2}$  mile east of Harold Denis Gulf Station at Mine Centre.

## History and Exploration work

Impressive showings of free gold are not uncommon in this area and Golden Jar Enterprises seized the opportunity of testing a strong vein system by buying claim H.P.191 upon which the vein is located.

The claim was bought in 1980 and obviously free gold was expected although this did not materialise

even though significant stripping and blasting exposed abundant vein material. Gold bearing veins in the area tend to strike east west to the north of the lake and northwest southeast to the south of the lake.

Vein material generally ranges up to two or even three feet wide and is characterised by either sugary quartz or waxy quartz with variable amounts of brown ankerite which readily weathers to a brick red rust.

The vein on the property is included with many small stringers in a shear zone up to 20 feet wide. It varies in width from 2 to 4 feet and the complete shear zone has been eroded leaving a wallrock relief of 6 to 8 feet. Thus the vein is easily traced by following the shallow topographic depression. To the west the vein goes under overburden as it does to the east. However going east the vein crosses the highway and is exposed in a rock cut. Here the vein is about two feet wide and almost vertical. A green stain due to malachite is clearly seen and close examination shows that the distribution is restricted to hair like fracture faces associated with the shearing. The total amount of copper mineral is less than one percent and not of great significance.

Early in the summer of 1980 three soil samples were taken and run for gold just to see if stripping was warranted. Sample #1 from the west side of the claim gave a value of 40 ppb. while the other two gave nil. The result of 40 ppb. was ample justification to carry

out a small stripping program followed by drilling and blasting.

Ten rock samples were taken from the 8 trenches with three assaying for gold. The best assay was 0.07 oz/ton and 0.02 oz/ton the lowest, while at the west end where a narrow seam of chalcopyrite was present in pit #2 an assay of 0.04 oz/ton turned up with copper at 17%.

Bulldozer stripping was required because of the depth of overburden in the shallow gulley caused by the rapid weathering of the vein.

Wallrock is schistose sericitic greenstone and although along strike sphalerite is fairly common within this rock unit there is a marked lack of the mineral in association with this vein.

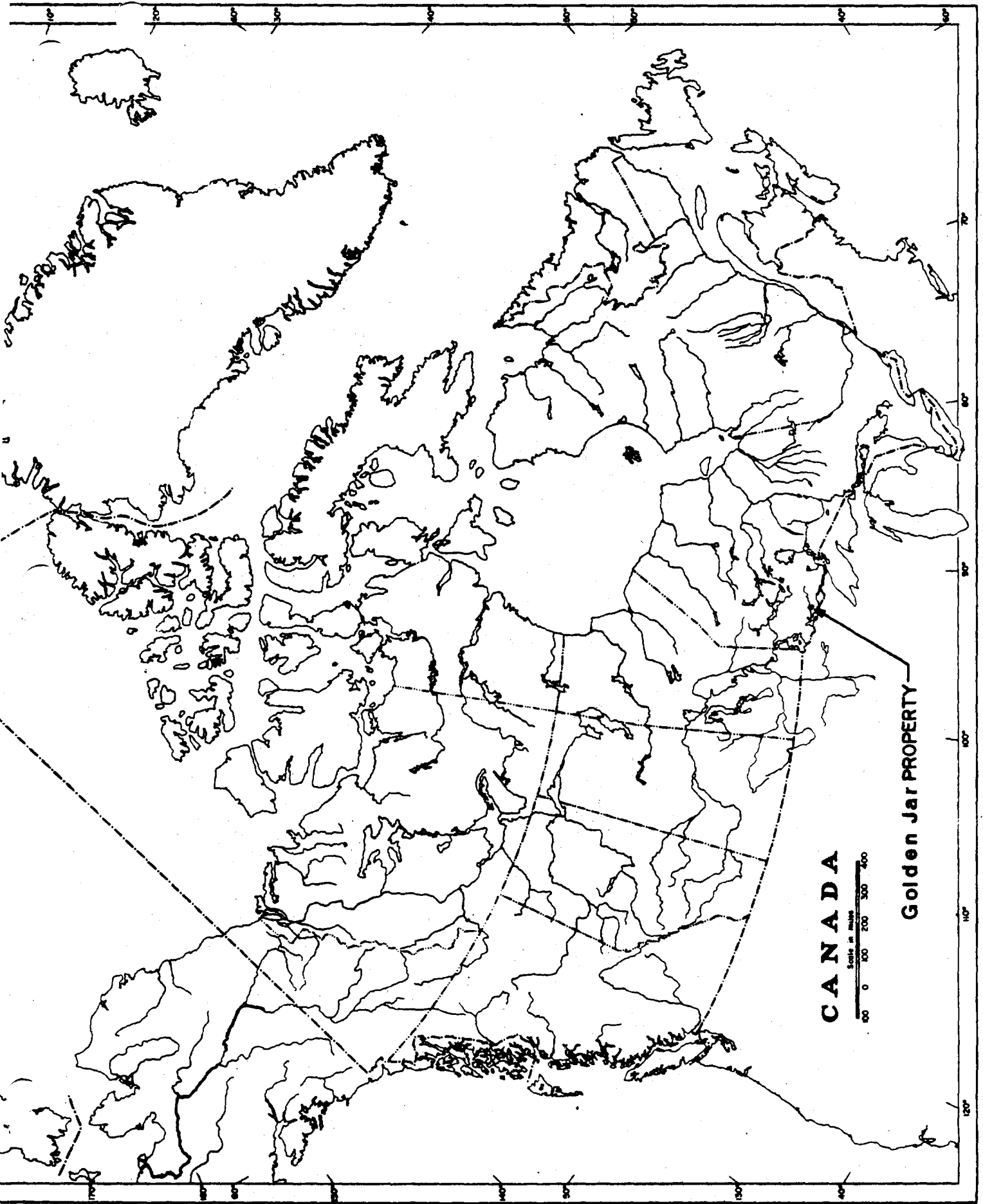
#### Conclusions

Although low values are shown to be present in this vein system I feel that the lack of accessory sulphides is indicative and further work will not reward one with any increased values or demonstrate that gold distribution is anything other than erratic.

#### Recommendation

Any further work should be confined to locating sulphide concentrations that could be potential drill targets. However the proximity of the vein to the hwy right of way discourages any further work.

*JAR Brown*



**CANADA**

Scale in miles  
0 100 200 300 400

Golden Jar PROPERTY

AREA OF

# LITTLE TURTLE LAKE

DISTRICT OF  
RAINY RIVER

KÉNORA  
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

## LEGEND

- or ○ PATENTED LAND
- C.S. CROWN LAND SALE
- Ⓛ LOCATED LAND
- Ⓛ Loc. LICENSE OF OCCUPATION
- Ⓛ L.O. LICENSING RIGHTS ONLY
- Ⓛ M.R.O. SURFACE RIGHTS ONLY
- Ⓛ S.R.O. ROADS
- Ⓛ IMPROVED ROADS
- Ⓛ KING'S HIGHWAYS
- Ⓛ RAILWAYS
- Ⓛ POWER LINES
- Ⓛ MARSH OR MUSKEG
- Ⓛ MINES
- Ⓛ PATENTED S.R.O.
- Ⓛ CANCELLED

# GOLDEN JAR CLAIM

Lake

SM 267

HAIR

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

HP 204

S.R.O.

AL 49

G 49

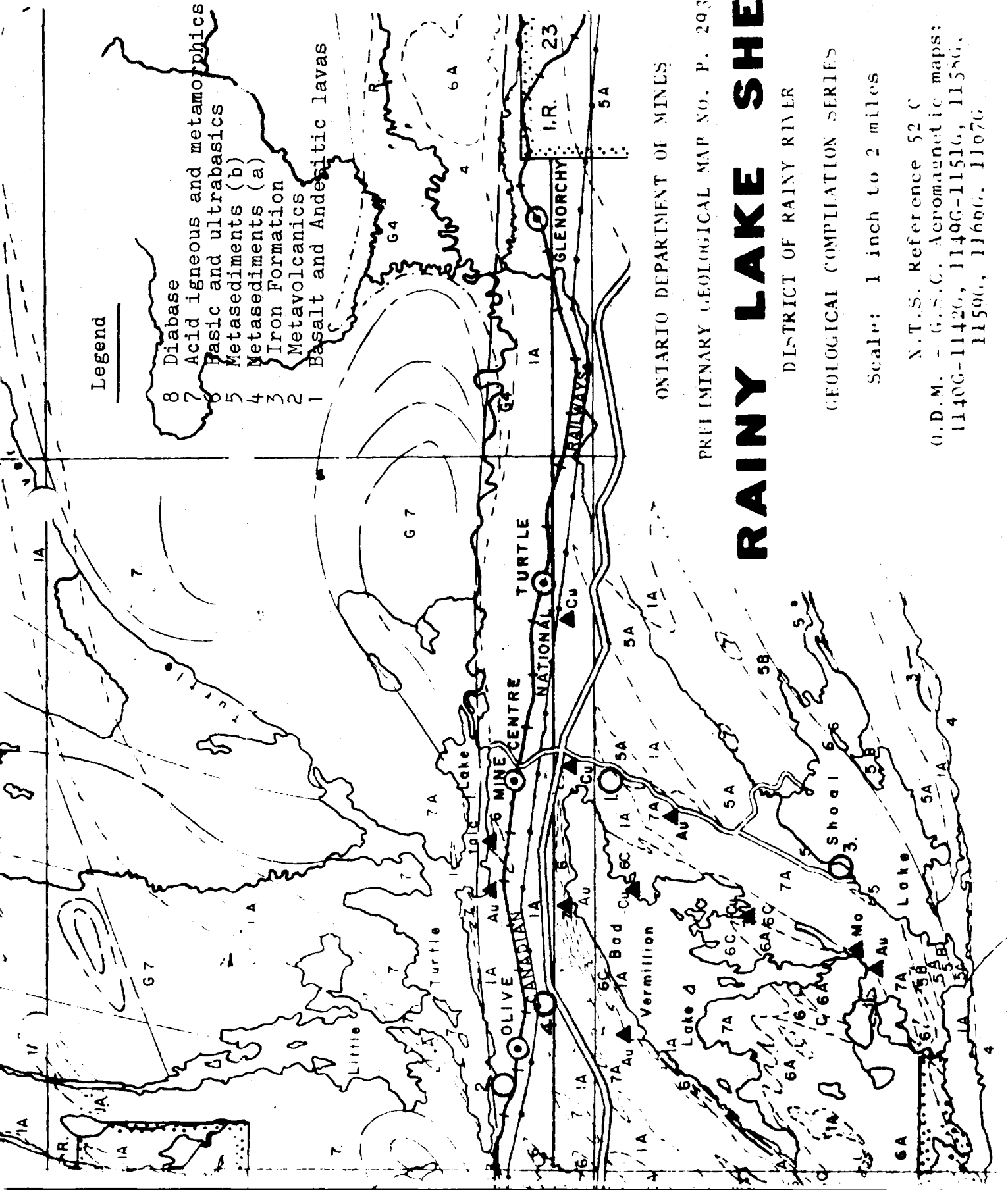
HP 204

S.R.O.

AL 49

G 49

HP 20



**Legend**

- 8 Diabase
- 7 Acid igneous and metamorphics
- 6 Basic and ultrabasics
- 5 Metasediments (b)
- 4 Metasediments (a)
- 3 Iron Formation
- 2 Metavolcanics
- 1 Basalt and Andesitic lavas

ONTARIO DEPARTMENT OF MINES  
 PRELIMINARY GEOLOGICAL MAP NO. P. 293

# RAINY LAKE SHEET

DISTRICT OF RAINY RIVER  
 GEOLOGICAL COMPILED SERIES

Scale: 1 inch to 2 miles

N.T.S. Reference 52 C  
 O.D.M. - G.S.C. Aeromagnetic maps:  
 1140G-1142G, 1149G-1151G, 1152G,  
 1150G, 1160G, 1167G



POWER LINE

Highway No 11

TRENCH L x W x DEPTH (FEET)

TRENCH #	L x W x DEPTH (FEET)
#1	10 x 6 x 5
#2	10 x 6 x 6
#3	5 x 5 x 2
#4	20 x 5 x 2
#5	8 x 5 x 2
#6	5 x 5 x 2
#7	12 x 5 x 6
#8	1 x 4 x 2

TRENCH NUMBERS #5 #6 #7

BULLDOZED AREA

CLAM LINE  
 SOIL SAMPLE #1  
 40ppb

SOIL SAMPLE #2  
 0.02 g/liter

SOIL SAMPLE #3  
 0.007 g/liter

TINBER BAY TESTING

SAMPLE #	PIT #
1	1
2	1
3	3
4	4
5	5
6	6

SWASTIKA LABS

SAMPLE #	PIT #
1	7
2	6
4	5
	4

STAFFED AREA

STAFFED AREA

TRENCHING - STRIPPING  
 CLAIM NO N.P. 191.  
 GOLDEN JAR ENTERPRISES  
 SCALE 1" = 50ft. PL





# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 50319

Date: Oct. 15, 1980

Received Oct. 8, 1980 7 Samples of soil and rock

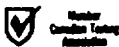
Submitted by A.E. Lafreniere, Fort Frances, Ont.

	SAMPLE NO.	GOLD PPB	GOLD Oz./ton	SILVER Oz./ton	COPPER %
SOIL	1	40	----	----	----
	2	NIL	----	----	----
	3	NIL	----	----	----
ROCK	1	----	0.07	----	----
	2	----	NIL	----	----
	3	----	NIL	----	----
	4	----	NIL	NIL	0.005

Per

G. Lebel, Manager

ESTABLISHED 1928





# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 50319-A

Date: October 15 1980

Received Oct. 8/80 1 Sample of Pulp from previous assay

Submitted by A. Lafreniere, Fort Frances, Ontario

SAMPLE NO.	GOLD
	Oz./ton
Rock #4	N11

Per

G. Lebel - Manager

