2.13945

Report of Exploration Activities

on the

Shaw Township Property

Porcupine Mining Division, Ontario

December, 1990

Henry Hutteri H.BSc.

Ed Korba

Qual 2.8385

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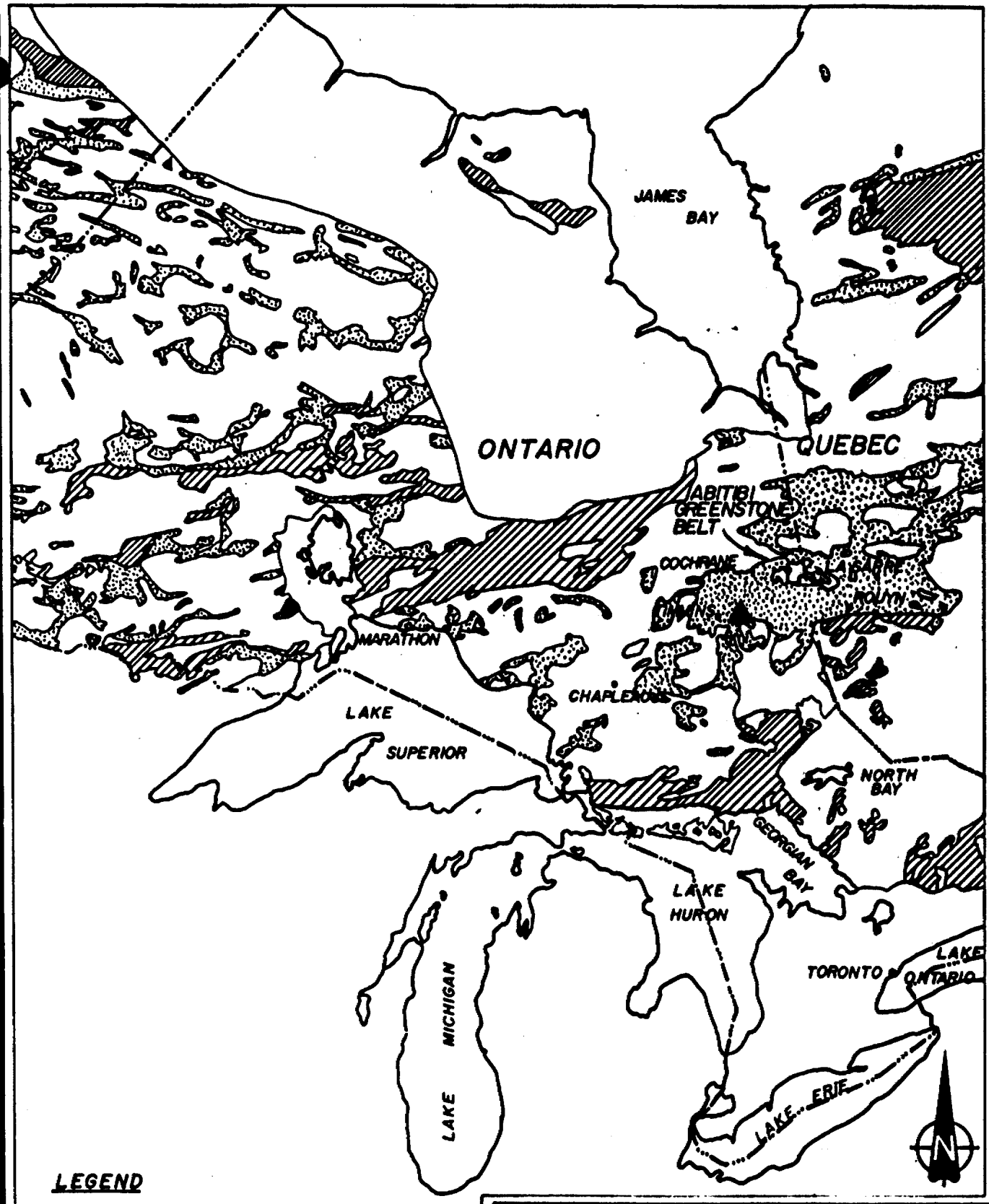


LEGEND

- Archean greenstone and associated Sediments
- Granitic Terrain
- Non Archean Sediments, volcanics, intrusions

Revisions	SHAW PROPERTY	
	Shaw Township, Ontario	
	PROPERTY LOCATION	
	Date. NTS	Drawn Approved	Scale 1:760320 Figure: 1

INTRODUCTION

A program of linecutting, prospecting, geological mapping, magnetometer and VLF electromagnetic surveying, soil geochemical sampling and mechanical trenching was carried out on the Shaw Township Property, located 2.5 miles southeast of South Porcupine, Ontario.

The program was designed to define bedrock lithologies, locate new areas of alteration and gold mineralization and to verify the existence of previously reported gold occurrences on the property.

The field work was carried out by Henry Hutteri and Edward Korba from May to October 1990. The mechanical trenching was performed by Denis Piche Dozer and Backhoe Services Ltd. of Timmins, Ontario, using a John Deer 760 Backhoe. Swastika Laboratories of Timmins, Ontario was used for all of the analytical work.

PROPERTY DESCRIPTION

The property is comprised of 5 contiguous, unpatented mining claims within Shaw Township, Porcupine Mining Division, Ontario. The claims are numbered as follows:

Claim Number	No. of Claims	Expiry Date
1130882	1	March 19, 1991
1130883	1	March 19, 1991
1130884	1	March 19, 1991
1130885	1	March 19, 1991
1130886	1	March 19, 1991

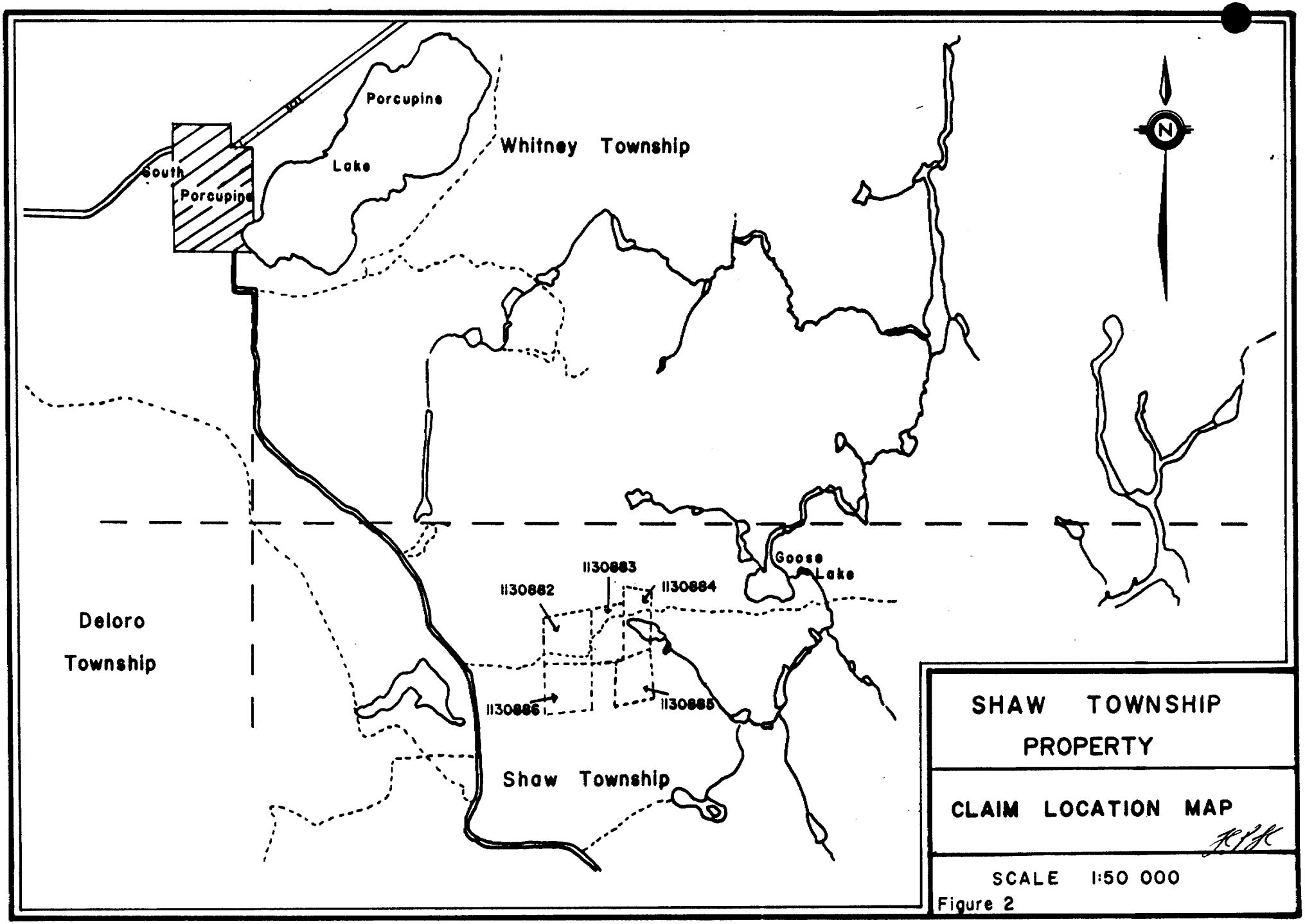
All claims are currently registered to Henry Hutteri, Box 59 Porcupine, Ontario, P0N 1C0, and are held jointly with Edward Korba of R. R. 1, Connaught, Ontario, P0N 1A0.

LOCATION AND ACCESS

The Shaw Property is located within the north-central portion of Shaw Township, approximately 2.5 miles southeast of South Porcupine, Ontario.

Access to the claims is readily gained by travelling southward from South Porcupine along the Langmuir Mine Road, an all-weather gravel road a few miles to the Goose Lake Road. From this point a poorly maintained secondary road passes eastward onto the claim group after a distance of one half mile (figure 2).

The topography in the area is relatively flat with a relief of approximately 50 feet.



SHAW TOWNSHIP
PROPERTY

CLAIM LOCATION MAP

SCALE 1:50 000

Figure 2

Approximately one quarter of the property has been recently clearcut (southwest corner). The remaining forest cover consists of stands of poplar, birch, spruce and jackpine.

The Shaw Township Property is located within the city limits of Timmins, Ontario, a major gold mining centre, where equipment and trained mine personnel are available. Sufficient aggregate, water and hydro electric power are available within a few miles of the property for construction and mine operations.

PREVIOUS WORK

The general area was intensively prospected during the early 1900's, around the time of the initial gold discoveries in the Porcupine Mining Camp.

1925: The first work recorded on the property was by Hudson Bay Mines Limited which sunk two 60 foot shafts.

1930: Bay Lake Gold Mines Limited held a group of 9 claims and claim fractions covering the subject property. Trenching and abundant sampling was carried out. The company reported that: drill core samples taken years earlier from around one of the shafts averaged $12 Au and $1.06 Ag per ton @ $20.67 gold, the average assay for the trenches was $8.70 per ton @ $20.67 gold, 4 test pits averaged $9.80 per ton @ $20.67 gold with visible gold reported in each pit, and that 4 bulk samples near one of the shafts averaged $58.66 per ton @ $35.00 per ounce of gold.

1940: Sylvanite Gold Mines Limited optioned the property from Bay Lake Gold Mines Limited. Several "bulk samples" were taken from the property, however, the best result achieved was 0.05 ounces of gold per ton and the property option was dropped.

1966: Flint Rock Mines Limited staked the ground covering the property after the claims reverted to the Crown. A drill program saw approximately 12 of 14 holes sunk on the property from 1972 to 1974. Two of these holes (#8 & #11) were located near a shaft located near the eastern boundary of the property. The other 10 holes were along the Main Carbonate Zone. The results of

sampled Flintrock core are listed below.

HOLE #	LENGTH	Au OZ/TON	HOST ROCK
1	6'	0.36	mineralized tuff
	4.5'	0.25	pyritic quartz stringers in andesite
2	6'	0.12	mineralized tuff
	5'	0.19	pyritic quartz stringers in andesite
3	3'	0.16	mineralized tuff
	4.5'	0.02	pyritic quartz stringers in andesite
4	2.5'	0.02	mineralized tuff
	4'	0.09	mineralized tuff
	5'	0.07	pyritic andesite
5	3'	0.21	mineralized tuff
6	2.5'	0.02	mineralized tuff
	3'	0.08	mineralized tuff
	3.5'	0.05	pyritic andesite
7	2'	0.04	pyritic quartz vein
	3'	0.14	pyrite, chalcopyrite in andesite
8	5'	0.21	pyritic quartz vein
	15'	0.24	pyritic quartz vein
10	6.5'	0.38	quartz carbonate zone with pyrite and chalcopyrite

*No assays available for Holes B1, B2, B3.

1980: Lacana Mining Corporation took an option on the claims belonging to Flint Rock Mines Limited. A magnetic survey was completed on the property and a total of 6 diamond drill holes were sunk. Four of these holes tested the Northern Carbonate Zone while the

other two holes tested the Main Carbonate Zone. In the latter two holes the best results were 0.06 ounces of Au per ton over 10 feet (sludge sample), and a 2.5 foot core sample of 0.03 ounces of Au per ton. The property option was subsequently dropped.

1987: Findore Minerals Inc. carried out line-cutting, magnetometer and VLF dip angle surveying over a small group of claims covering the "main showing" area. Several geophysical anomalies were outlined and additional work was recommended. No further work was performed and the claims subsequently lapsed.

REGIONAL GEOLOGY

The Porcupine Camp in which the subject property is situated, lies within the Abitibi greenstone belt of the Precambrian Shield. The lithologies are dominantly Archean in age with the exception of a few diabase dykes. The metavolcanics within the area are divided into two groups, the Deloro and Tisdale Groups. The Deloro group is believed to be the older one of the two and consists of basal komatiitic flows overlain by calc-alkalic basalts and andesites and felsic pyroclastic rocks. Oxide and sulphide iron formations are found interbedded within the felsic volcanics at the top of this group. The overlying Tisdale Group consists of a basal sequence of ultramafic to basaltic komatiitic and magnesium tholeiitic basalt flows overlain by iron-tholeiitic basalts and an upper sequence of felsic, calc-alkalic pyroclastic rocks. Metasediments within the Tisdale and Deloro Groups form a turbidite sequence consisting dominantly of interlayered wacke, siltstone and lesser conglomerate (Fyon and Crocket, 1983).

Ultramafic sills and dykes occur within the Deloro Group metavolcanics which may have been the magma source for the Tisdale Group komatiitic flows (Pyke, 1982).

Several quartz-feldspar porphyry bodies occur along the base of the Tisdale Group which may represent rhyolitic vents and domes (Pyke, 1982). Several gold mines within the Porcupine Camp are found near these porphyry bodies.

A major structural break, the Destor-Porcupine Fault passes through the Porcupine Camp approximately four miles northwest of the Shaw Township Gold Property.

Gold Occurrences

Carshaw Gold Prospect:

This gold property is located in the southeast corner of Shaw and adjacent Carman Townships. Here, banded iron formation is interbedded in Keewatin basalts. These rock units are intruded by porphyry dykes and small plugs of serpentinite. The iron formation extends for at least 2200 feet and consists of chert interbedded with magnetite with seams of pyrrhotite and disseminated pyrite. Quartz-carbonate veins and stockworks are present in the iron formation with minor mineralization consisting of pyrite, pyrrhotite, galena and gold.

Reserves within the iron formation were calculated to contain 93,000 tons of 0.375 ounces of gold per ton. Further drilling in 1948 indicated a total of 230,000 tons averaging 0.257 ounces of gold per ton (O.D.M. Open File Report 5012). This property is presently being worked by Marshall Minerals.

Tommy Burns Prospect:

This gold property is located in the southeast part of Shaw Township. Here, Keewatin basalts are interbedded with iron formation and rhyolitic agglomerate, which are cut by porphyry dykes. One of two units of iron formation, referred to as the "Sulphide Zone" consists of thin bands of chert interbedded with hematite and magnetite. Gold bearing quartz stringers form crosscutting veinlets with pyrite and pyrrhotite developed adjacent to these veinlets. The "Sulphide Zone" strikes N20 E, dips 25 E and is 1600 feet long. Ore tonnage was estimated to be 70-80,000 tons averaging 0.23 ounces of gold per ton. In 1917, 21 tons of ore were milled which produced 14 ounces of gold.

The ground is presently held by Marshall Minerals who also hold the adjoining Carshaw property.

Puissance Corporation:

This gold property consists of twelve claims within the northeast section of Deloro Township. The claims are underlain by mafic metavolcanic and pyroclastic rocks with interbedded iron formation. An easterly trending fuchsitic ankerite zone extends across the property. Within it, quartz stringers host visible gold although sulphide mineralization is weak.

PROPERTY GEOLOGY

Geological mapping and prospecting was carried out on the Shaw Township Property at a scale of 1:2400 (Map 1). The work was carried out by the author and Edward Korba. A grid was established prior to the survey. All grid lines and areas of outcrop adjacent to and between the lines were walked during the course of the survey.

The mining claims were found to be underlain primarily by mafic to intermediate volcanic flows (1a) and lesser carbonate +/- sericite schists (2), banded magnetite iron formations (3), and carbonate altered zones (4). The rocks observed on the property have been metamorphosed to upper greenschist facies.

The mafic to intermediate volcanic rocks were generally fine grained, massive to weakly foliated with a medium green fresh surface and a variable medium green to slightly whitish weathered surface. The rocks occasionally had a peppered texture with up to 10% dark green, chloritic 1-3mm clots throughout. Large, unstretched, poorly preserved pillow structures (2'x3') were observed in one outcrop only. Calcite filled vesicles were also noted in a few bedrock exposures. Pervasive calcite and weak iron carbonate alteration was frequently encountered during the mapping and prospecting. Only moderate to strong iron carbonate altered areas were indicated on the accompanying geology map.

Carbonate-sericite schists (2) were encountered in the northeast half of the claim group in close association with and parallel to the strong carbonate zones and iron formations. They generally weathered a rusty brownish colour, were soft and had a variable schistosity from weak to strong and friable. Weak, fine grained greenish sericite alteration was observed intermittently throughout these units. Moderate to strong sericite alteration was noted within these schists only in a few locations (Trench SPT-3,4) adjacent to or in close proximity to the strong carbonate zones. A dark green spotty texture was encountered within the schists similar to that found within the mafic to intermediate volcanics. Sulphides and quartz stringers were rare. The carbonate +/- sericite schists on the property most likely represent altered and sheared mafic to intermediate volcanic rocks.

Iron formations up to 80 feet wide were encountered in the northeast half of the property. They had an average strike of 130° to 140° and fairly shallow dips of 30° to 45° to the northeast. The iron formation was typically composed of reddish, white and grey sugary, well laminated chert with thin magnetite bands and occasional green chloritic laminations. Folding, brecciation, silicification and moderate to strong iron carbonate alteration were commonly

observed along with frequent quartz and carbonate stringers, stockworks and occasional narrow quartz +/- tourmaline +/- carb veins. Fine to occasionally very coarse grained pyrite was almost always present averaging 2-5% but locally up to 20%. Minor pyrite was also observed in the narrow quartz veins and stringers within the iron formations.

The carbonate zones (4) were very soft weathering, rusty red-brown in colour, and massive with <10% crisscrossing quartz stringers and quartz +/- tourmaline veinlets and minor occasional pyrite. These units were mapped throughout the property having east-west and southeast strike directions and widths of up to 40 feet. The strongest zone appeared to be the one paralleling and cutting through the iron formations in the northeast portion of the property. Minor green mica was noted in the carbonate zone passing through trench SPT-5. The largest vein found within this unit was 1 foot wide. The larger veins and veinlets within the carbonate zones appeared to have a northeasterly trend to them.

A total of 31 grab samples were taken while prospecting/mapping and analyzed for gold. Background gold content for all samples taken was less than 20 ppb. Anomalous gold concentrations were detected in 5 samples. Two samples of iron formation with carbonate, pyrite and quartz stringers yielded values of 734 and 758 ppb gold. The anomalous assays obtained along with rock descriptions are listed in Appendix B.

GEOPHYSICAL SURVEYING

Linecutting

A grid was established prior to the geophysical surveying. This consisted of brushing out, chaining and re-picketing old grid lines which covered the majority of the claims. The baseline was oriented at 080° with grid lines at 350°. Grid lines were spaced 400 feet apart and stations were established at 100 foot intervals. The southwesternmost claim was recently clear-cut and grid lines were re-picketed at 000°.

A total of 5.09 miles of lines were established.

VLF-EM Survey

A total of 252 readings were taken over the entire grid with a Geonics EM-16 using the Cuttler, Maine Transmitter station (24.0 KHz). Readings were taken at 100 foot intervals with both In-phase and Quadrature values being recorded at each station. All readings were taken facing north. The data was subsequently plotted on a profile map (Map 2) at a scale of 1:2400.

The VLF survey outlined several southeast trending conductive zones, most of which appear to have bedrock sources. Zone A passes southeasterly across the property, has a strong magnetic association and is probably caused by the magnetite iron formations. Zone B is fairly weak, has a weak magnetic association and probably represents a weakly magnetic iron formation. Zones C and D do not have any magnetic correlation but probably have bedrock sources. Zones E and F strike easterly, have coincident low, swampy areas and most likely are caused by conductive overburden.

Magnetometer Survey

A total of 395 readings were collected using a Geometric 816 Proton Precession magnetometer with a 1 gamma sensitivity. Readings were taken at 100 foot intervals over all grid lines. Additional readings at 50 and 25 foot intervals were taken between stations in areas where the magnetic readings increased or decreased sharply. The field data was corrected for diurnal drift using the base line looping method and subsequently plotted on a map at a scale of 1:2400 and contoured at 500 gamma intervals (Map 3).

The magnetometer survey outlined a series of moderate to strong, southeast trending magnetic highs on the northeast half of the property which most likely represent banded magnetite iron formations. The highest readings taken over these anomalies was 61826 gammas. This magnetic feature is disturbed with strike deflections in the southeast corner of the claim group suggesting possible folding. The remainder of the property is magnetically flat. The several moderate to strong carbonate alteration zones crossing east and southeasterly through the claim group appear to have corresponding magnetic lows of <400 gammas. A broad and extensive magnetic low passing easterly from 30E / 1500N to L44E / 1000N encompasses the main shaft on the property. The main southeast striking carbonate zone associated with the main band of iron formation is not magnetically distinct.

SOIL GEOCHEMICAL SURVEY

A total of 138 B horizon soil samples were taken from the Shaw Township Property and analyzed for gold by Swastika Laboratories of Timmins, Ontario. The samples were taken at 100 foot intervals along grid lines except in swampy, poorly drained areas or areas of bedrock exposure (no soil). The ground sampled was generally well drained with a well developed B horizon.

Background gold appeared to be less than 7 ppb. Several weakly anomalous gold values ranging from 9 to 43 ppb were obtained mainly from the eastern half of the property. One

highly anomalous gold value of 1742 ppb gold was obtained at L36E/BL0. The results of the soil sampling are plotted on the Soil Geochem Map (4) at a scale of 1:2400. The anomalous soil geochem results are summarized in Appendix B.

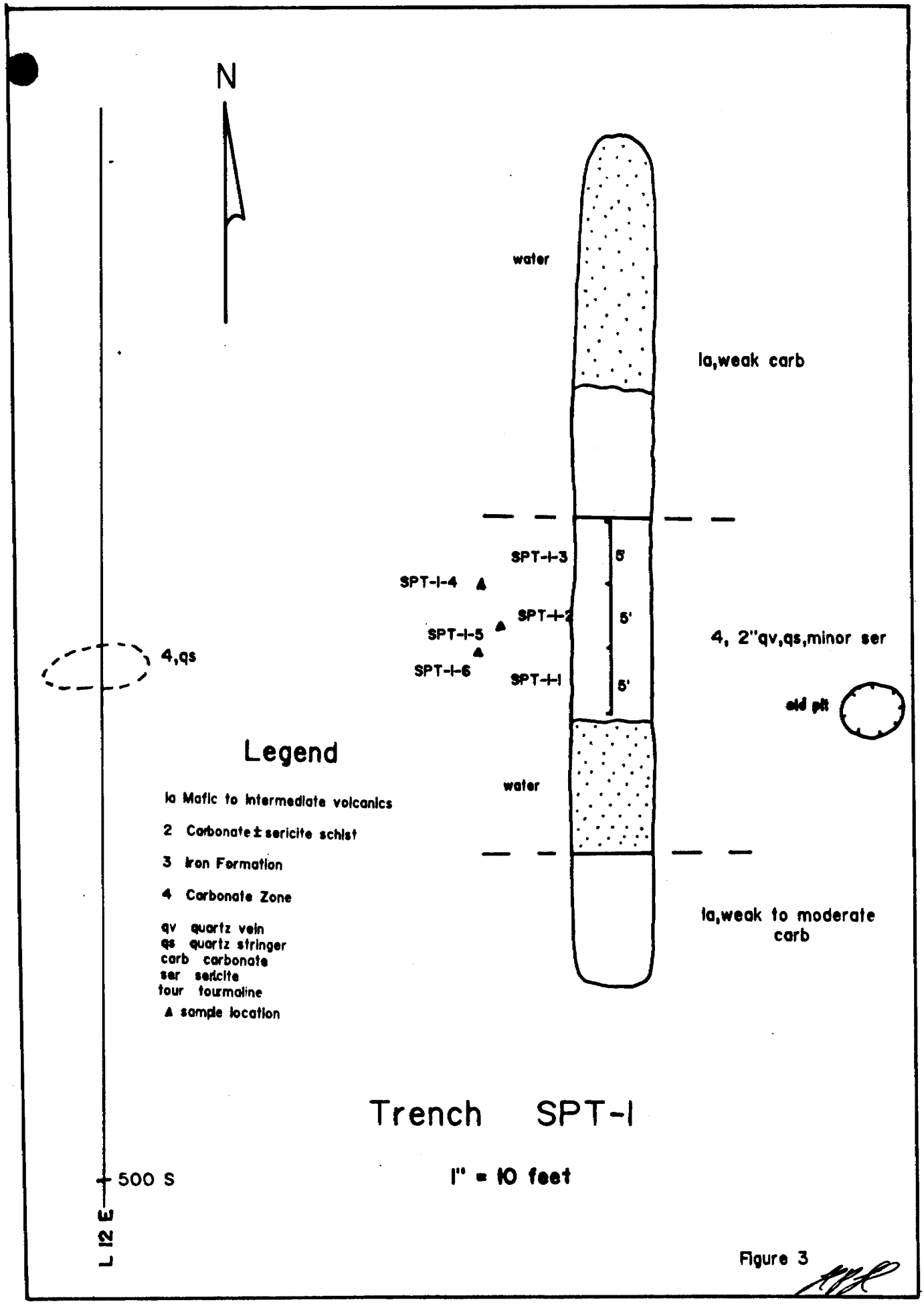
TRENCHING PROGRAM

A mechanical trenching program was conducted on the property after the completion of the mapping/prospecting, geophysical surveying and soil geochemical sampling. A total of 9 trenches and 2001 feet of trenching was completed using a John Deer 760 backhoe from Denis Piche Dozer and Backhoe Services Ltd. of Timmins, Ontario.

The trenching was carried out over various carbonate and sericite alteration zones, sulfidized and structurally deformed iron formations, soil geochemical anomalies, magnetic lows and quartz veined areas throughout the property.

A total of 148 grab and chip samples were taken and analyzed for gold content by Swastika Laboratories of Timmins, Ontario. The trenches were mapped in detail and the maps are included in this report (figures 3 to 11). Washing of the trenches was not achieved due to the lack of a nearby water supply.

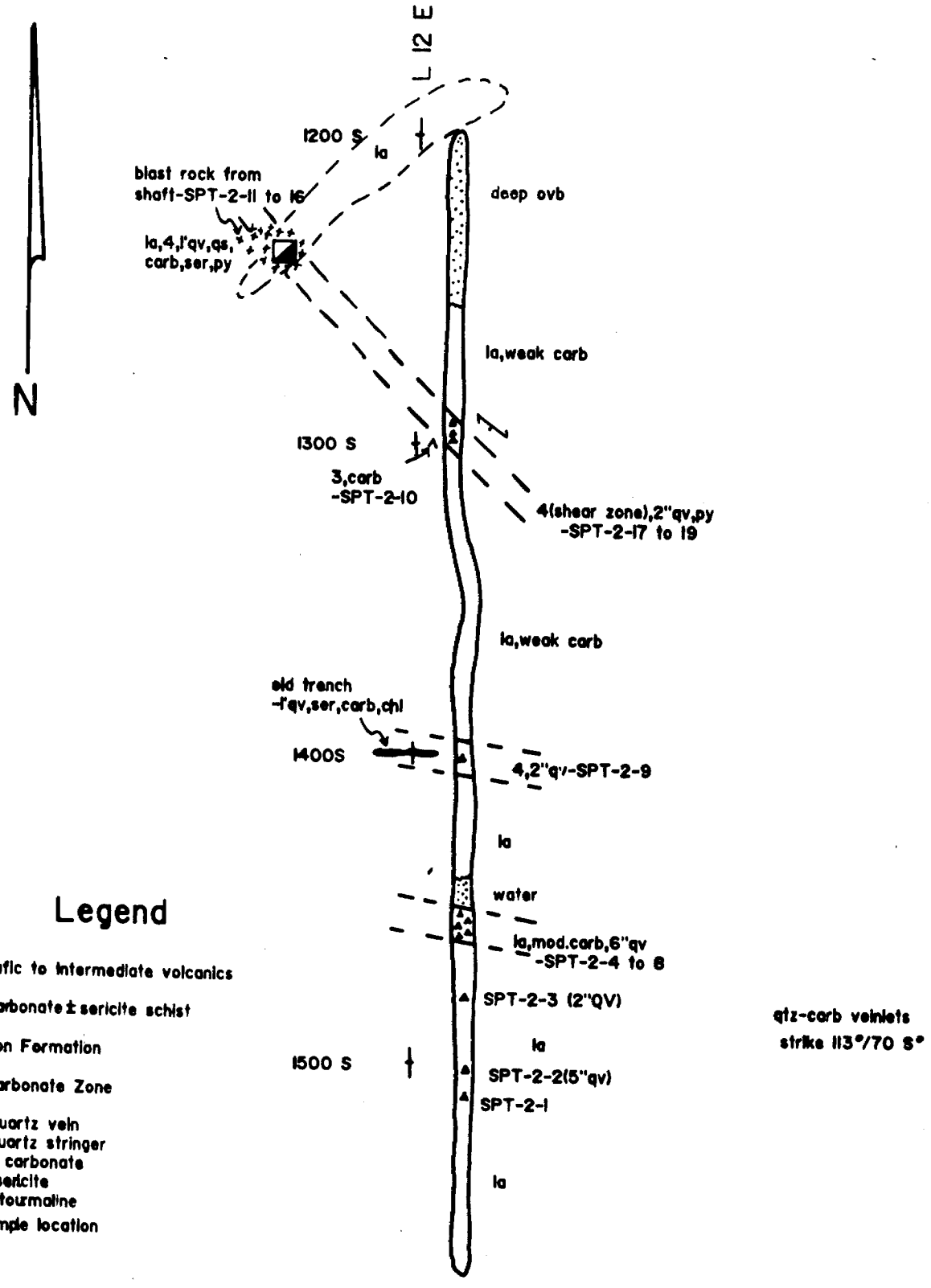
The highest gold value obtained from the trench sampling was 0.35 opt gold from a grab sample of iron formation with 20% pyrite. Numerous anomalous values were also obtained from trenches SPT-3 to 9. These results along with sample descriptions are summarized in Appendix B.



Trench SPT-I

1" = 10 feet

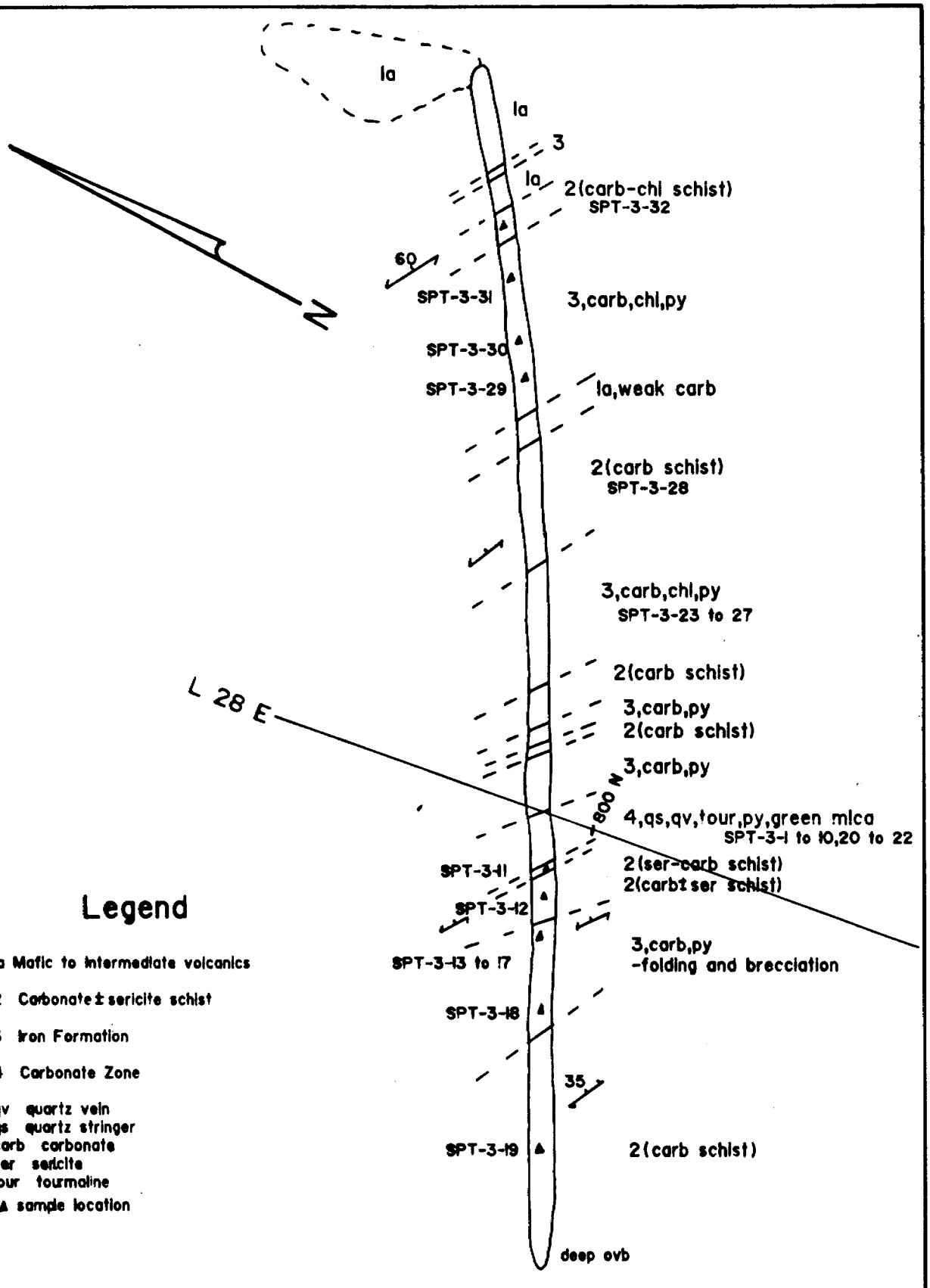
Figure 3



Trench SPT-2

1" = 50feet

Figure 4



Legend

la Mafic to intermediate volcanics

2 Carbonate ± sericite schist

3 Iron Formation

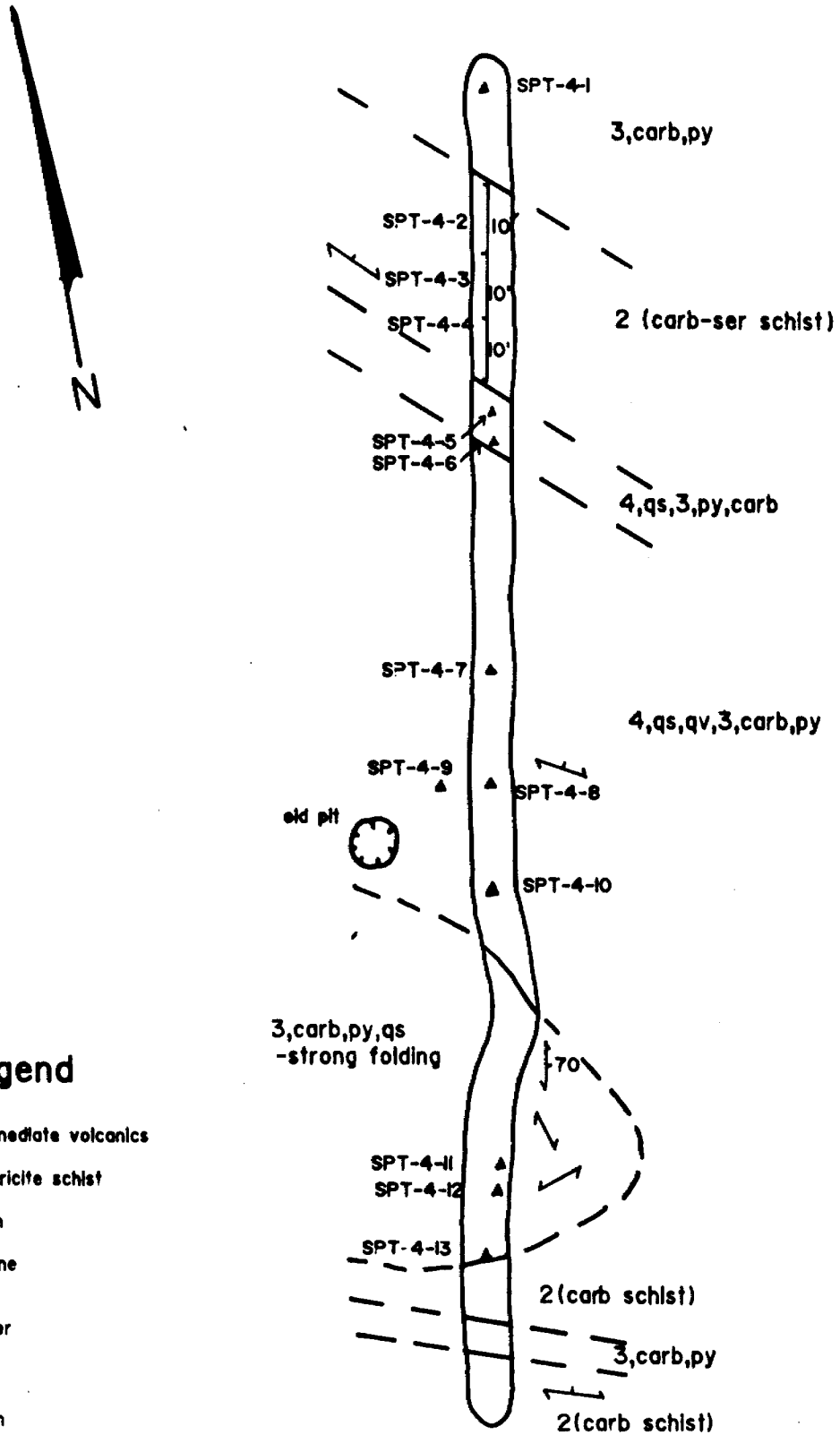
4 Carbonate Zone

qv quartz vein
qs quartz stringer
carb carbonate
ser sericite
tour tourmaline
▲ sample location

Trench SPT-3

1" = 50 feet

Figure 5



Legend

1a Mafic to intermediate volcanics

2 Carbonate ± sericite schist

3 Iron Formation

4 Carbonate Zone

qv quartz vein
qs quartz stringer
carb carbonate
ser sericite
tour tourmaline
▲ sample location

Trench SPT-4

1" = 25 feet

Figure 6

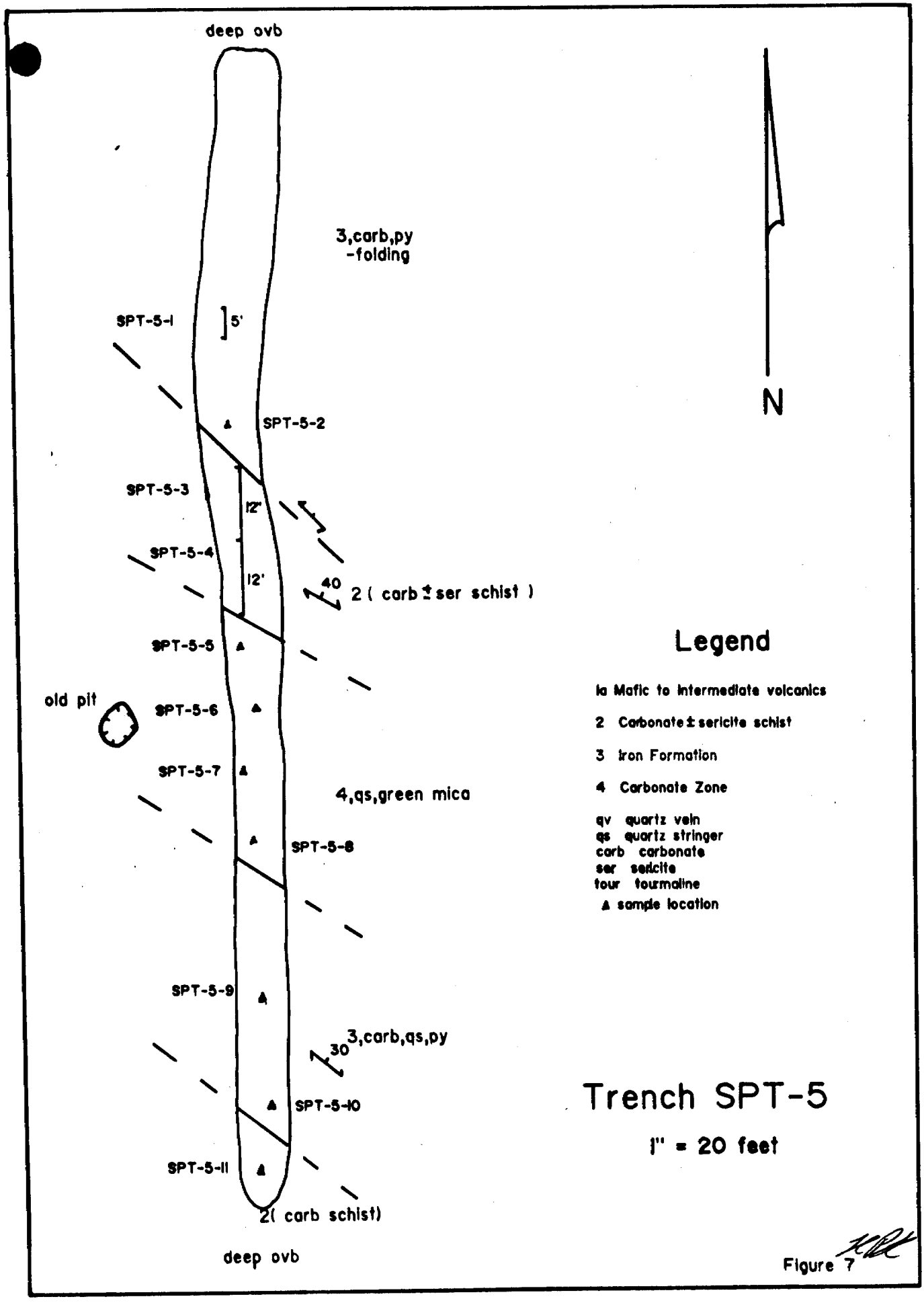

deep ovb
3,carb,py
-folding
SPT-5-1
5'
SPT-5-2
SPT-5-3
12'
SPT-5-4
12'
40
2 (carb ± ser schist)
SPT-5-5
old pit
SPT-5-6
SPT-5-7
4,qs,green mica
SPT-5-8
SPT-5-9
3,carb,qs,py
30
SPT-5-10
SPT-5-11
2(carb schist)
deep ovb
N
Legend
1a Mafic to intermediate volcanics
2 Carbonate ± sericite schist
3 Iron Formation
4 Carbonate Zone
qv quartz vein
qs quartz stringer
carb carbonate
ser sericite
tour tourmaline
▲ sample location
Trench SPT-5
1" = 20 feet

Figure 7

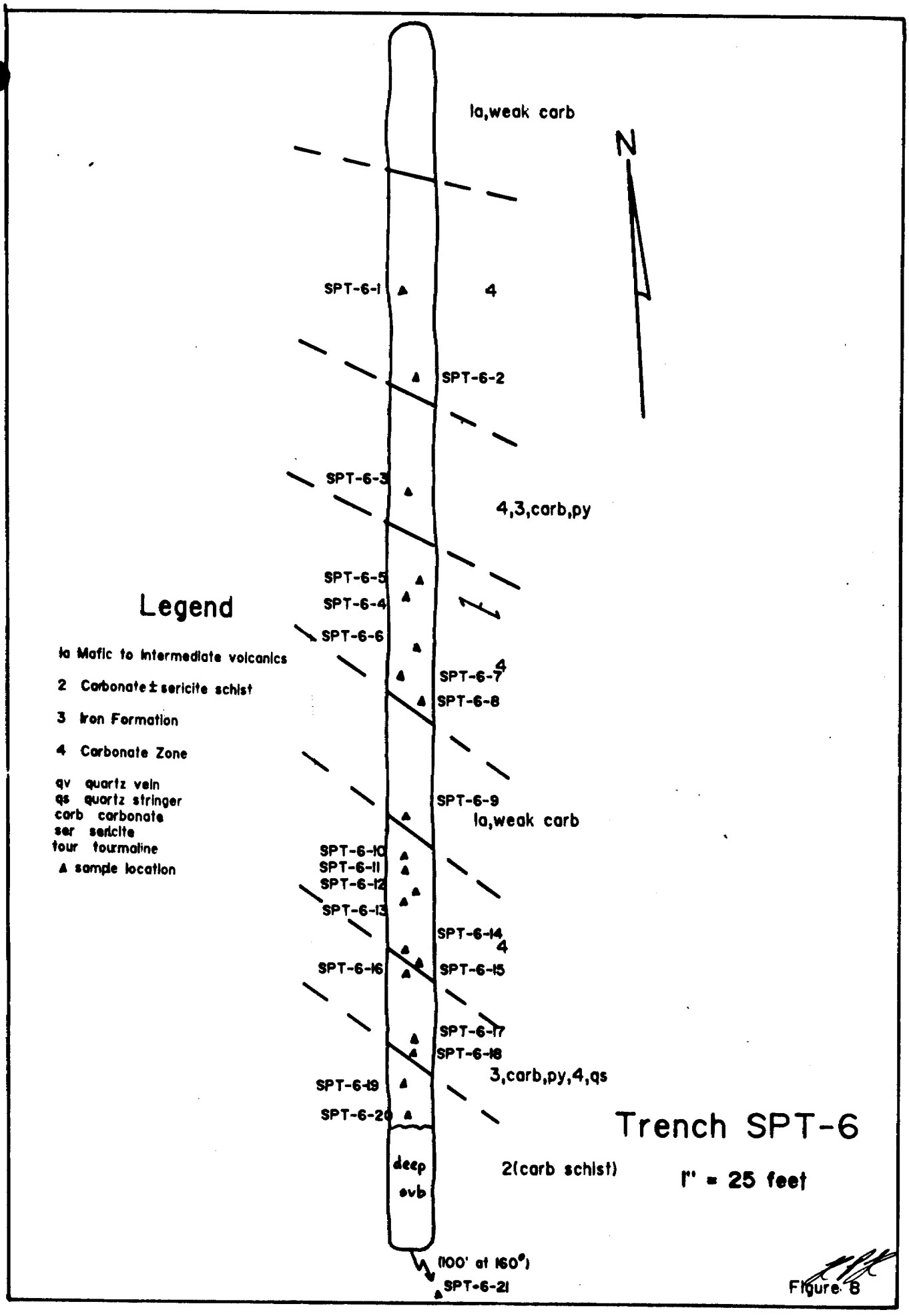
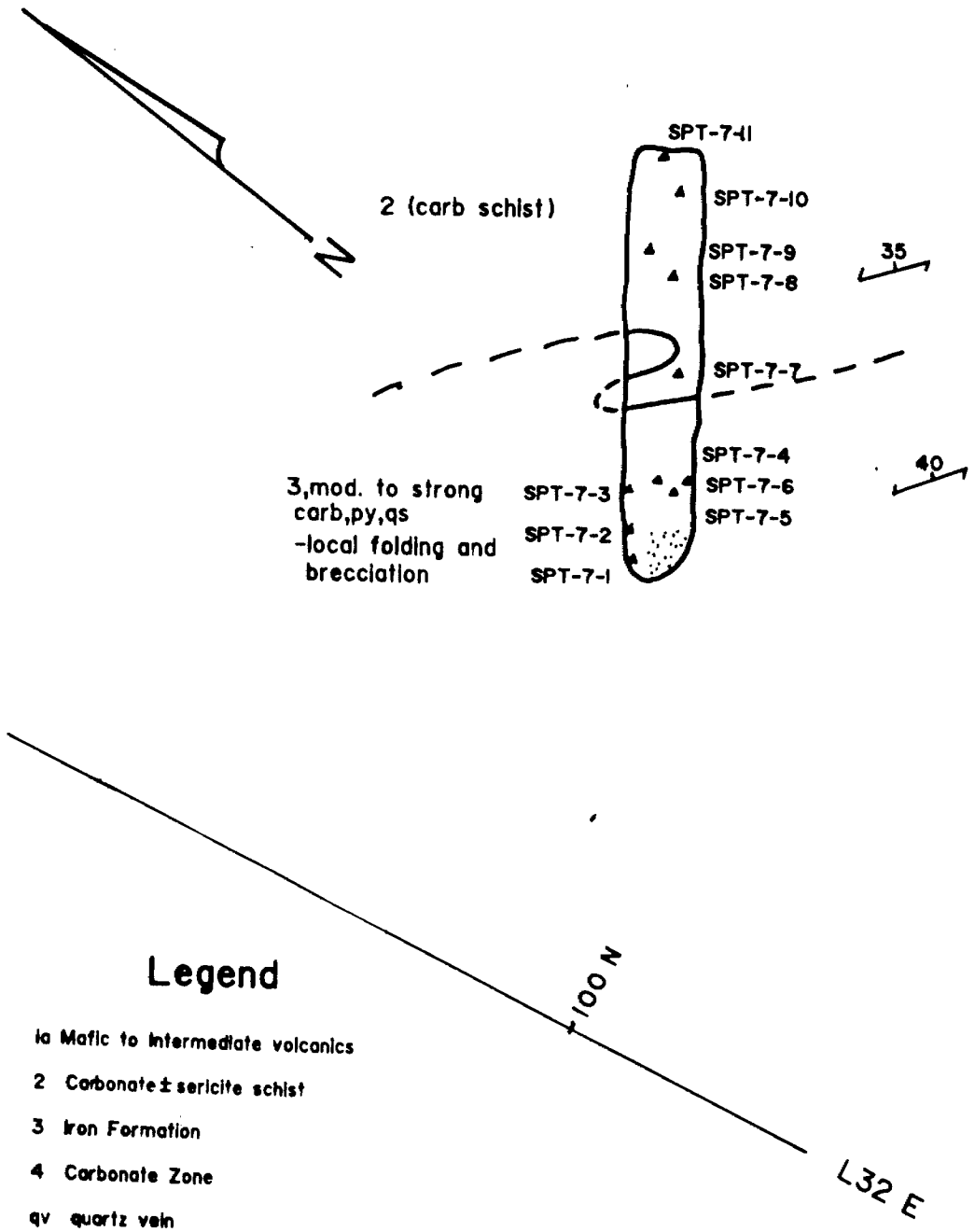

Legend
1a Mafic to intermediate volcanics
2 Carbonate ± sericite schist
3 Iron Formation
4 Carbonate Zone
qv quartz vein
qs quartz stringer
carb carbonate
ser sericite
tour tourmaline
▲ sample location
1a,weak carb
N
SPT-6-1
4
SPT-6-2
SPT-6-3
4,3,carb,py
SPT-6-5
SPT-6-4
SPT-6-6
SPT-6-7
4
SPT-6-8
SPT-6-9
1a,weak carb
SPT-6-10
SPT-6-11
SPT-6-12
SPT-6-13
SPT-6-14
4
SPT-6-16
SPT-6-15
SPT-6-17
SPT-6-18
3,carb,py,4,qs
SPT-6-19
SPT-6-20
deep
ovb
2(carb schist)
(100' at 160°)
SPT-6-21
Trench SPT-6
1" = 25 feet

Figure 8



Legend

Ia Mafic to intermediate volcanics

2 Carbonate ± sericite schist

3 Iron Formation

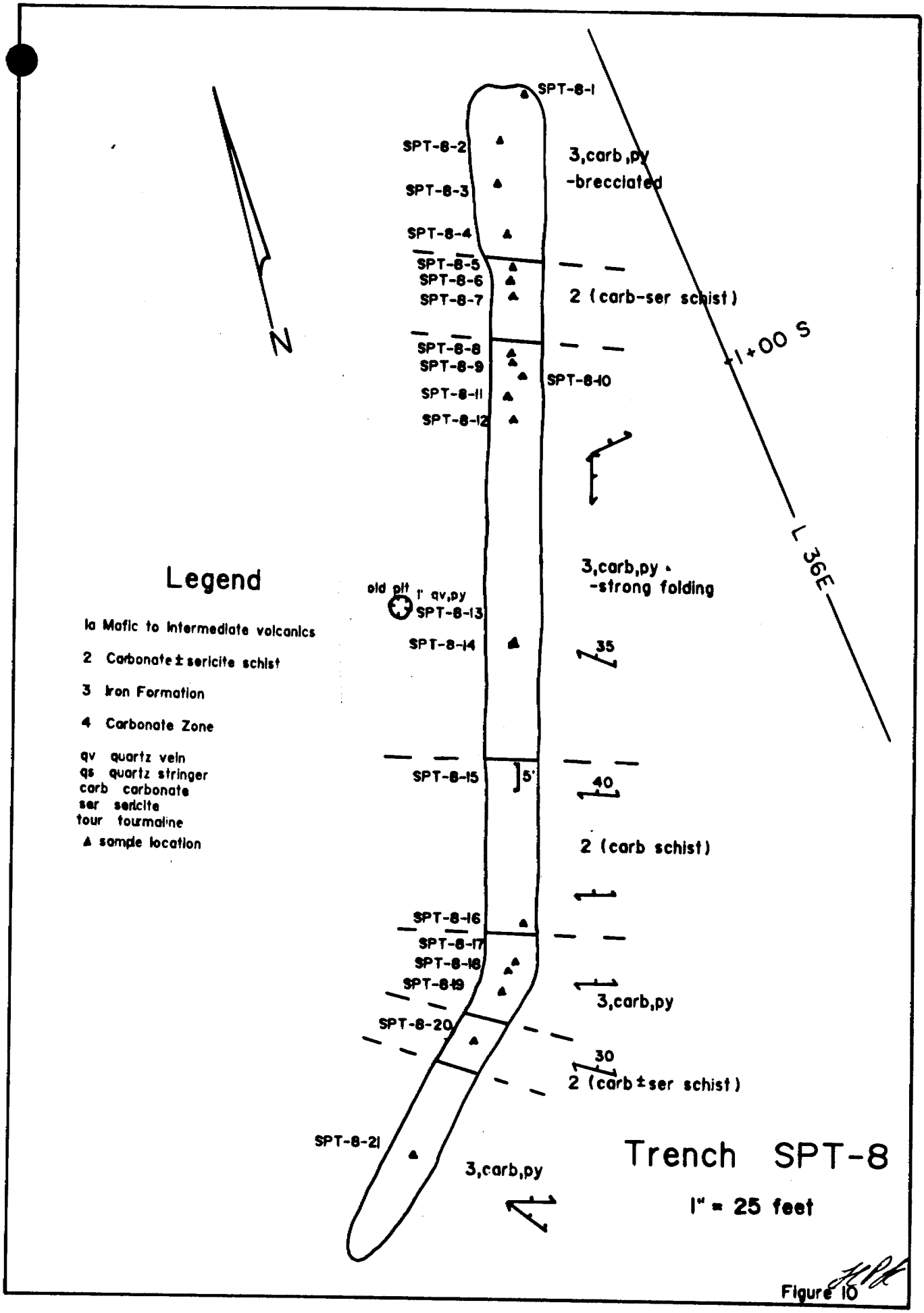
4 Carbonate Zone

qv quartz vein
qs quartz stringer
carb carbonate
ser sericite
tour tourmaline
▲ sample location

Trench SPT-7

1" = 20 feet

Figure 9


SPT-8-1
SPT-8-2
SPT-8-3
SPT-8-4
SPT-8-5
SPT-8-6
SPT-8-7
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SPT-8-9
SPT-8-10
SPT-8-11
SPT-8-12
SPT-8-13
SPT-8-14
SPT-8-15
SPT-8-16
SPT-8-17
SPT-8-18
SPT-8-19
SPT-8-20
SPT-8-21
N
3,carb,py
-brecciated
2 (carb-ser schist)
1+00 S
L 36E
3,carb,py
-strong folding
old pit 1' qv,py
35
5'
40
2 (carb schist)
3,carb,py
30
2 (carb ± ser schist)
3,carb,py
Legend
1a Mafic to intermediate volcanics
2 Carbonate ± sericite schist
3 Iron Formation
4 Carbonate Zone
qv quartz vein
qs quartz stringer
carb carbonate
ser sericite
tour tourmaline
▲ sample location
Trench SPT-8
1" = 25 feet

Figure 10

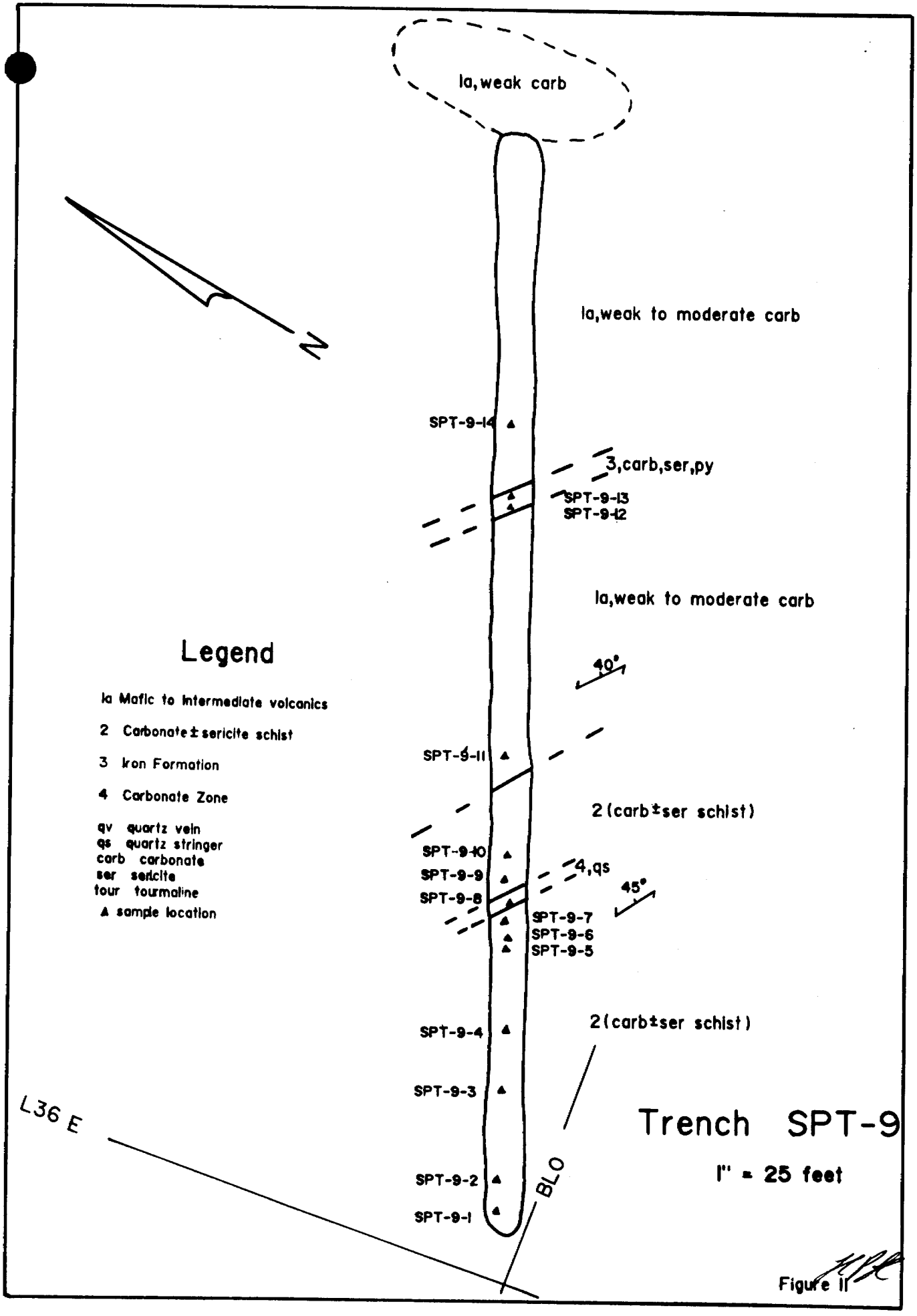
1a, weak carb
N
1a, weak to moderate carb
SPT-9-14
3, carb, ser, py
SPT-9-13
SPT-9-12
1a, weak to moderate carb
40°
SPT-9-11
2 (carb ± ser schist)
SPT-9-10
SPT-9-9
SPT-9-8
4, qs
45°
SPT-9-7
SPT-9-6
SPT-9-5
2 (carb ± ser schist)
SPT-9-4
SPT-9-3
SPT-9-2
SPT-9-1
BLO
L36 E
Legend
1a Mafic to intermediate volcanics
2 Carbonate ± sericite schist
3 Iron Formation
4 Carbonate Zone
qv quartz vein
qs quartz stringer
carb carbonate
ser sericite
tour tourmaline
▲ sample location
Trench SPT-9
1" = 25 feet

Figure 11

CONCLUSIONS AND RECOMMENDATIONS

A program of linecutting, prospecting, geological mapping, VLF and magnetometer surveying, soil geochemical sampling and mechanical trenching has been completed on the Shaw Township Property. The claim group was found to be underlain predominantly by mafic to intermediate volcanic flows and lesser carbonate +/- sericite schists, banded magnetite iron formations and carbonate alteration zones.

The geophysical surveys outlined several bands of iron formation, a number of magnetic lows which often represented carbonatized zones and a few new conductive zones which warrant further investigation.

The trenching and sampling program was successful in exposing most of the selected targets with the exception of the 1742 ppb soil anomaly which was marginal to a swamp. Numerous anomalous gold values up to 0.35 opt were obtained mainly from samples of sulfidized and carbonatized iron formation. Quartz veining was generally narrow (<1') and contained minor pyrite, carbonate, sericite and tourmaline occasionally. Fine quartz stringers and stockworks are common within the carbonate zones and deformed, sulfidized iron formations. The 3 foot wide quartz vein previously reported on claim 1130883 was not observed during the course of the program.

The sulfidized iron formations appear to be the most favorable target on the Shaw Township Property and are similar to those hosting significant gold mineralization further to the south at the Carshaw and Tommy Burns gold prospects. Additional detailed prospecting along the iron formations appears to be warranted as well as washing and channel sampling in areas where anomalous gold has been detected. In areas covered by overburden, an Induced Polarization survey would be useful in detecting additional sulfidized zones prior to drilling.

Respectfully Submitted,

Henry P. Hutteri, H.BSc.

Qual 2.8385

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Pertinent Assessment Files.

Appendix A

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

0T-0421-SG1

Company: **HENRY HUTTERI**

Date: AUG-14-90

Project:

Copy 1. P.O.BOX 397,SOUTH PORCUPINE,ONT P0N 1H0

Attn: HENRY HUTTERI

We hereby certify the following Geochemical Analysis of 77 SOIL samples submitted AUG-08-90 by HENRY HUTTERI.

Sample Number	Au ppb
L12E 15+69S	2/5
L12E 15S	Nil
L12E 14S	Nil
L12E 13S	Nil
L12E 12S	Nil
L12E 11S	Nil
L12E 10S	Nil
L12E 9S	Nil
L12E 8S	Nil
L12E 7S	Nil
L12E 6S	2/Nil
L12E 4+70S	2
L12E 4S	Nil
L12E 3S	Nil
L12E 2S	2
L12E 1S	Nil
L12E BLO	Nil
L12E 1N	Nil
L12E 2N	5
L16E 15+66S	Nil
L16E 15S	Nil
L16E 14S	3
L16E 13S	5
L16E 12S	7
L16E 11S	5
L16E 10S	3
L16E 9S	Nil
L16E 8S	2
L16E 4S	2
L16E 3S	3

Certified by G. Lebel

G. Lebel / Manager

P.O. Box 10, Swastika, Ontario P0K 1T0

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Assaying - Consulting - Representation

Geochemical Analysis Certificate

0T-0421-SG1

Company: **HENRY HUTTERI**

Date: AUG-14-90

Project:

Copy 1. P.O.BOX 397,SOUTH PORCUPINE,ONT P0N 1H0

Attn: HENRY HUTTERI

We hereby certify the following Geochemical Analysis of 77 SOIL samples submitted AUG-08-90 by HENRY HUTTERI.

Sample Number	Au ppb
L16E 2S	2/Nil
L16E BLO	Nil
L16E 1N	Nil
L16E 3N	Nil
L16E 4N	2
L16E 7N	Nil
L16E 13N	Nil
L20E 15+58S	Nil
L20E 15S	Nil
L20E 13S	Nil
L20E 12S	5
L20E 11S	Nil
L20E 10+50S	Nil
L20E 9S	Nil
L20E 6S	Nil
L20E 5S	Nil
L20E 3S	Nil
L20E 2S	5/5
L20E 1S	5
L20E 0+40N	7
L20E 1+30N	7
L20E 2N	3
L20E 3N	5
L20E 5N	5
L20E 6N	2
L20E 7N	2
L20E 8N	9/7
L20E 9N	Nil
L20E 10N	Nil
L20E 11N	Nil

Certified by G. Lebel

G. Lebel / Manager

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0T-0421-SG1

Company: **HENRY HUTTERI**

Date: AUG-14-90

Project:

Copy 1. P.O.BOX 397,SOUTH PORCUPINE,ONT P0N 1H0

Attn: HENRY HUTTERI

We hereby certify the following Geochemical Analysis of 77 SOIL samples submitted AUG-08-90 by HENRY HUTTERI.

Sample Number	Au ppb
L20E 12N	12
L24E BS	Nil
L24E 10S	2
L24E 9S	Nil
L24E 5S	10
L24E 4S	Nil
L24E 2S	Nil
L24E 1S	Nil
L24E BLO	Nil
L24E 2N	Nil
L24E 3N	5
L24E 4N	7
L24E 5N	7
L24E 6N	12/7
L24E 9+60N	3
L24E 13N	Nil
L24E 14N	Nil

Certified by G. Lebel

G. Lebel / Manager

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Geochemical Analysis Certificate

0T-0422-SG1

Company: **HENRY HUTTERI**

Date: AUG-13-90

Project:

Copy 1. P.O.BOX 397,SOUTH PORCUPINE,ONT.PON 1H0

Attn: HENRY HUTTERI

2. 235-3546

We hereby certify the following Geochemical Analysis of 48 SOIL samples submitted AUG-07-90 by HENRY HUTTERI.

Sample Number	Au ppb	Au check ppb
28E 3S	5	
28E 2S	7	
28E 1S	Nil	
28E 4N	Nil	
28E 5N	Nil	
28E 6N	43	46
28E 7N	5	
28E 8N	3	
28E 9N	Nil	
28E 10N	2	
28E 11N	3	
28E 12N	Nil	
28E 13N	3	
28E 15N	Nil	
32E 15S	3	
32E 13+50S	Nil	
32E 12S	Nil	
32E 9+75S	5	
32E 9S	Nil	
32E 7S	Nil	
32E 5S	7	
32E 4S	2	
32E 3+50S	14	9
32E 2+40S	3	
32E 1S	5	
32E 1N	7	
32E 7N	3	
32E 8N	2	
32E 8+50N	Nil	
32E 10N	3	

Certified by G. Lebel

G. Lebel / Manager

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Telephone (705) 642-3244. FAX (705) 642-3300

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Assaying - Consulting - Representation

Geochemical Analysis Certificate

0T-0422-SG1

Company: **HENRY HUTTERI**
Project:
Attn: HENRY HUTTERI

Date: AUG-13-90
Copy 1. P.O.BOX 397,SOUTH PORCUPINE,ONT.PON 1H0
2. 235-3546

We hereby certify the following Geochemical Analysis of 48 SOIL samples submitted AUG-07-90 by HENRY HUTTERI.

Sample Number	Au ppb	Au check ppb
32E 13N	7	
32E 14N	Nil	
36E 13+50S	3	
36E 9S	Nil	
36E 7+80S	2	
36E 3S	7	
36E 2S	17	
36E 1S	10	
36E BLO	1742	1299
36E 1N	3	
36E 2N	5	
36E 13N	3	
40E 1N	7	
40E 2+20N	3	
40E 4N	Nil	
40E 7N	Nil	
40E 11N	3	
40E 12N	2	

Certified by G. Lebel

G. Lebel / Manager

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Geochemical Analysis Certificate

0T-0490-SG1

Company: **HENRY HUTTERI**

Date: SEP-07-90

Project:

Copy 1. BOX 397,SOUTH PORCUPINE,ONT. PON 1HO

Attn: ED KORBA / H. HUTTERI

We hereby certify the following Geochemical Analysis of 13 SOILS samples submitted AUG-30-90 by .

Sample Number	Au ppb
L-40E-5+50 S	2
L-40E-2+50 S	2
L-40E-13 N	Nil
L-40E-15 N	Nil
L-40E-16 N	9/3
L-44E-4 S	Nil
L-44E-3 N	Nil
L-44E-4 N	2
L-44E-7 N	Nil
L-44E-10 N	Nil
L-44E-11 N	Nil
L-44E-12 N	Nil
L-44E-15 N	Nil

Certified by G. Lebel

G. Lebel / Manager

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Geochemical Analysis Certificate

0T-0645-RG1

Company: **H. HUTTERI**

Date: OCT-12-90

Project:

Copy 1. P.O.BOX 59, PORCUPINE, ONT. P0N 1C0

Attn:

We hereby certify the following Geochemical Analysis of 31 ROCK samples submitted OCT-10-90 by HENRY HUTTERI.

Sample Number	Au ppb
SP-1	Nil
SP-2	Nil
SP-3	Nil
SP-4	Nil/Nil
SP-5	24
SP-6	Nil
SP-7	Nil
SP-8	Nil
SP-9	103
SP-10	Nil
SP-11	Nil
SP-12	734/727
SP-13	Nil
SP-14	Nil
SP-15	Nil
SP-16	Nil
SP-17	Nil
SP-18	Nil
SP-19	Nil
SP-20	758/507
SP-21	Nil
SP-22	34
SP-23	Nil
SP-24	55
SP-25	17
SP-26	Nil/Nil
SP-27	Nil
SP-28	Nil
SP-29	Nil
SP-30	Nil
SP-31	Nil

Certified by G. Lebel

G. Lebel / Manager

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244. FAX (705)642-3300

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Geochemical Analysis Certificate

0T-0731-RG1

Company: **H. HUTTERI**

Date: NOV-16-90

Project:

Copy 1. P.O.BOX 59, PORCUPINE,ONT. PON 1CO

Attn:

We hereby certify the following Geochemical Analysis of 70 CHANNEL SAMPLES samples submitted NOV-10-90 by .

Sample Number	Au ppb
SPT-1-1	Nil
SPT-1-2	Nil
SPT-1-3	Nil/Nil
SPT-1-4	Nil
SPT-1-5	Nil
SPT-1-6	Nil
SPT-2-1	Nil
SPT-2-2	Nil
SPT-2-3	Nil
SPT-2-4	Nil
SPT-2-5	Nil
SPT-2-6	Nil
SPT-2-7	Nil
SPT-2-8	Nil
SPT-2-9	Nil
SPT-2-10	Nil
SPT-2-11	Nil
SPT-2-12	Nil
SPT-2-13	Nil
SPT-2-14	Nil
SPT-2-15	Nil
SPT-2-16	Nil/Nil
SPT-2-17	Nil
SPT-2-18	Nil
SPT-2-19	Nil
SPT-3-1	Nil
SPT-3-2	14
SPT-3-3	Nil
SPT-3-4	Nil
SPT-3-5	Nil

Certified by Donna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244, FAX (705) 642-3300

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Geochemical Analysis Certificate

0T-0731-RG1

Company: **H. HUTTERI**

Date: NOV-16-90

Project:

Copy 1. P.O.BOX 59, PORCUPINE,ONT. PON 1CO

Attn:

We hereby certify the following Geochemical Analysis of 70 CHANNEL SAMPLES samples submitted NOV-10-90 by .

Sample Number	Au ppb
SPT-3-6	Nil
SPT-3-7	Nil
SPT-3-8	137/137
SPT-3-9	Nil
SPT-3-10	14
SPT-3-11	Nil
SPT-3-12	Nil
SPT-3-13	14
SPT-3-14	Nil
SPT-3-15	Nil
SPT-3-16	Nil
SPT-3-17	21
SPT-3-18	48
SPT-3-19	34
SPT-3-20	Nil
SPT-3-21	Nil
SPT-3-22	Nil
SPT-3-23	10
SPT-3-24	113/113
SPT-3-25	Nil
SPT-3-26	10
SPT-3-27	Nil
SPT-3-28	Nil
SPT-3-29	240
SPT-3-30	789/857
SPT-3-31	10
SPT-3-32	Nil
SPT-4-1	Nil
SPT-4-2	Nil
SPT-4-3	Nil

Certified by Donna Gardner

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Geochemical Analysis Certificate

0T-0731-RG1

Company: **H. HUTTERI**

Date: NOV-16-90

Project:

Copy 1. P.O.BOX 59, PORCUPINE,ONT. PON 1CO

Attn:

We hereby certify the following Geochemical Analysis of 70 CHANNEL SAMPLES samples submitted NOV-10-90 by .

Sample Number	Au ppb
SPT-4-4	Nil
SPT-4-5	45
SPT-4-6	34/45
SPT-4-7	Nil
SPT-4-8	Nil
SPT-4-9	Nil
SPT-4-10	21
SPT-4-11	Nil
SPT-4-12	34
SPT-4-13	285/274

Certified by Donna Gardner

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Geochemical Analysis Certificate

0T-0732-RG1

Company: **H. HUTTERI**

Date: NOV-19-90

Project:

Copy 1. P.O.BOX 59, PORCUPINE, ONT. P0N 1C0

Attn:

We hereby certify the following Geochemical Analysis of 78 CHANNEL samples submitted NOV-10-90 by HENRY HUTTERI.

Sample Number	Au ppb	Au g/tonne	Au oz/ton
SPT-5-1	Nil		
SPT-5-2	14		
SPT-5-3	Nil		
SPT-5-4	Nil		
SPT-5-5	Nil		
SPT-5-6	Nil		
SPT-5-7	10		
SPT-5-8	Nil		
SPT-5-9	Nil		
SPT-5-10	302/278		
SPT-5-11	Nil		
SPT-6-1	14		
SPT-6-2	17		
SPT-6-3	21/17		
SPT-6-4	Nil		
SPT-6-5	38		
SPT-6-6	14		
SPT-6-7	Nil		
SPT-6-8	5		
SPT-6-9	Nil		
SPT-6-10	Nil		
SPT-6-11	Nil		
SPT-6-12	10		
SPT-6-13	Nil		
SPT-6-14	Nil		
SPT-6-15	Nil		
SPT-6-16	14		
SPT-6-17	5		
SPT-6-18	58		
SPT-6-19	Nil		

Certified by Donna Gardner

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Geochemical Analysis Certificate

0T-0732-RG1

Company: **H. HUTTERI**

Date: NOV-19-90

Project:

Copy 1. P.O.BOX 59, PORCUPINE, ONT. P0N 1C0

Attn:

We hereby certify the following Geochemical Analysis of 78 CHANNEL samples submitted NOV-10-90 by HENRY HUTTERI.

Sample Number	Au ppb	Au g/tonne	Au oz/ton
SPT-6-20	Nil		
SPT-6-21	593/408		
SPT-7-1	24		
SPT-7-2	1087		
SPT-7-3	65		
SPT-7-4	86		
SPT-7-5	14400	12.10	.353
SPT-7-6	58		
SPT-7-7	Nil		
SPT-7-8	27		
SPT-7-9	Nil		
SPT-7-10	Nil		
SPT-7-11	10		
SPT-8-1	Nil		
SPT-8-2	10		
SPT-8-3	Nil		
SPT-8-4	14		
SPT-8-5	Nil		
SPT-8-6	10		
SPT-8-7	Nil		
SPT-8-8	312		
SPT-8-9	Nil		
SPT-8-10	254/223		
SPT-8-11	Nil		
SPT-8-12	48		
SPT-8-13	250/319		
SPT-8-14	Nil		
SPT-8-15	Nil		
SPT-8-16	Nil		
SPT-8-17	487		

Certified by Donna Gardner

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Geochemical Analysis Certificate

0T-0732-RG1

Company: **H. HUTTERI**

Date: NOV-19-90

Project:

Copy 1. P.O.BOX 59, PORCUPINE, ONT. P0N 1C0

Attn:

We hereby certify the following Geochemical Analysis of 78 CHANNEL samples submitted NOV-10-90 by HENRY HUTTERI.

Sample Number	Au ppb	Au g/tonne	Au .oz/ton
SPT-8-18	14		
SPT-8-19	377/405		
SPT-8-20	14		
SPT-8-21	439/425		
SPT-9-1	Nil		
SPT-9-2	Nil		
SPT-9-3	Nil		
SPT-9-4	Nil		
SPT-9-5	Nil		
SPT-9-6	Nil		
SPT-9-7	Nil		
SPT-9-8	Nil		
SPT-9-9	Nil		
SPT-9-10	Nil		
SPT-9-11	Nil		
SPT-9-12	93		
SPT-9-13	75		
SPT-9-14	Nil		

Certified by Donna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244. FAX (705) 642-3300

Appendix B

SIGNIFICANT RESULTS FROM PROSPECTING
(grabs)

Sample #	Au (ppb)	Description
SP-9	103	1a, carb, 1-2% py, qs
SP-12	734	IF, sil, carb, 3-5% cg py, qs
SP-20	758	IF, qs, carb, py
SP-22	34	IF, carb, py, qs
SP-24	55	1' qv with coarse py

SIGNIFICANT SOIL GEOCHEM RESULTS
"B Horizon"

Location	Au (ppb)
L20E / 8N	9
L20E / 12N	12
L24E / 5S	10
L24E / 6N	12
L28E / 6N	43
L32E / 3+50S	14
L36E / 2S	17
L36E / 1S	10
L36E / BLO	1742
L40E / 16N	9

SIGNIFICANT RESULTS FROM TRENCHES
(grabs)

Sample #	Au (ppb)	Description
SPT-3-8	137	6" qv in carb zone
SPT-3-18	48	2-3% py in qs & qv in IF with carb
SPT-3-19	34	carb schist
SPT-3-24	113	3-5% py in chloritic IF
SPT-3-29	240	2-3% py in IF, carb
SPT-3-30	857	5% py in chloritic IF
SPT-4-5	45	carb zone / IF with qs, <1% py
SPT-4-6	45	carb zone / IF with qs, <1% py
SPT-4-12	34	2-3" qv in IF with coarse py in vein (float)
SPT-4-13	285	2-3% py & qs in IF, carb
SPT-5-10	302	2-3% py in IF, carb-few qs with py
SPT-6-5	38	2" qv in carb zone
SPT-6-18	58	IF, carb, 1% py
SPT-6-21	593	IF/carb zone, siliceous, qs, 1% py
SPT-7-2	1087	1-2% coarse py in IF, carb
SPT-7-3	65	1% py, 40% qv & qs with cg py in IF, carb
SPT-7-4	86	qv & qs in carb altered IF, 1-2% py
SPT-7-5	14,400 (0.353 opt)	20% cg py & minor qs in IF, carb
SPT-7-6	58	qv & qs in IF, carb, minor py

Sample #	Au (ppb)	Description
SPT-8-8	312	IF, carb, 1-2% py
SPT-8-10	254	rusty yellow qv (float)
SPT-8-12	48	IF, carb, 2-3% py
SPT-8-13	250	cg py in 1' yellow qv
SPT-8-17	487	20% py in IF
SPT-8-19	377	3-5% py in 1-2' IF, carb
SPT-8-21	439	1% py, qs in IF, carb
SPT-9-12	93	IF, carb, ser
SPT-9-13	75	1-2% py in IF, carb

Ontario

42A06NE0345 2.13945 SHAW

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
159 Cedar Street, 4th Floor
Sudbury, Ontario
P3E 6A5

Telephone: (705) 670-7264
Fax: (705) 670-7262

Your File: W.9106.00051, 52
Our File: 2.13945

May 23, 1991

Mining Recorder
Ministry of Northern Development
and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir/Madam:

RE: Notice of Intent dated April 23, 1991 for Geological, Geochemical and Geophysical (Electromagnetic and Magnetometer) Surveys on mining claims P.1130882 et al. in the Township of Shaw.

The assessment work credits, as listed with the above-mentioned Notice of Intent have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

Ron. C. Gashinski,
Provincial Manager, Mining Lands
Mines & Minerals Division

LJS/jl
Enclosure:

cc: Mr. Henri Hutteri
Porcupine, Ontario

Resident Geologist
Timmins, Ontario

Assessment Files Office
Toronto, Ontario

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.13945

Date: April 23/91

Mining Recorder's Report of Work No.: W.9106.00051

W.9106.00052

Recorded Holder: Henri Hutteri

Township or Area: Shaw Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	P.1130882 to 886 incl.
Electromagnetic 20 days	
Magnetometer 20 days	
Radiometric ____ days	
Induced polarization ____ days	
Other ____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 40 days	
Geochemical 14.3 days	
Men days ☐ Airborne ☐	
Special provision ☒ Ground ☐	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines
Ontario

DOCUMENT No. W 9106-00051

DOCUMENT No. W 9106-00052

Mining Act

Report (Geophysical, Geological and Geochemical Surveys)

Instructions MINING LANDS
- Please type or print.
- Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch:

Type of Survey(s)	Mining Division	Township or Area
Geological Mapping, VLF, Mag, Soil Geochem	Porcupine	Shaw Twp

Recorded Holder(s): Henry Hutteri — 2.13945 — Prospector's Licence No.: M 21918

Address: Box 59, Porcupine, Ontario. P0N 1C0 — Telephone No.: 705-235-3546

Survey Company: Henry Hutteri & Edward Korba

Name and Address of Author (of Geo-Technical Report): Henry P Hutteri, Box 59, Porcupine, Ont. P0N 1C0

Date of Survey (from & to): 01 05 90 (Day Mo. Yr.) — 31 10 90 (Day Mo. Yr.)

Credits Requested per Each Claim in Columns at right

Special Provisions

For first survey:

Enter 40 days. (This includes line cutting)

For each additional survey: using the same grid:

Enter 20 days (for each)

W9106.00051

W9106.00052

	Days per Claim
Geophysical	
- Electromagnetic	20
- Magnetometer	20
- Other	
Geological	40
Geochemical →	20

Man Days

Complete reverse side and enter total(s) here

	Days per Claim
Geophysical	
- Electromagnetic	
- Magnetometer	
- Other	
Geological	
Geochemical	

RECEIVED
FEB 28 1991
MINING LANDS SECTION

Airborne Credits

Note: Special provisions credits do not apply to Airborne Surveys.

	Days per Claim
Electromagnetic	
Magnetometer	
Other	

Total miles flown over claim(s).

Date: Feb 21, 1991 — Recorded Holder or Agent (Signature): Henry P Hutteri

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number	Mining Claim Prefix	Mining Claim Number
P	1130882				
	1130883				
	1130884				
	1130885				
	1130886				

RECORDED
FEB 21 1991

Total number of mining claims covered by this report of work: 5

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in this Report of Work, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: Henry Hutteri, Box 59, Porcupine, Ont P0N 1C0

Telephone No.: 705-235-3546 — Date: Feb 21, 1991 — Certified By (Signature): Henry P Hutteri

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
500	FEB 21 91	Robert Bailey
	Date Approved as Recorded	Provincial Manager, Mining Lands
	"SEE REVISED WORK STATEMENT"	

Received Stamp: PORCUPINE MINING DIVISION RECEIVED FEB 21 1991 @ 12:35 pm

1362 (89/06)

WHITNEY TWP.

MAP SYMBOLOGY

- Aerial Cableway
- Boundary
  - International
  - Interprovincial
  - District, Township (Indian Reserve)
  - Approximate
  - Lot, Concession
  - Approximate
  - Park Boundary
- Bridge
- Road, Railroad
- Building
- Chimney
- Cliff, Pit, Pile
- Contours
  - Interpolated
  - Approximate
  - Depression
- Control Points
  - Horizontal
  - Vertical
- Culvert
- Falls
- Fence, Hedge, Wall
- Feature Outline (Construction features, etc.)
- Flooded Land
- Lock
- Marsh or Swamp
- Mast
- Mine Head Frame
- Outcrop
- Pipeline (above ground)
- Railroad
  - Single Track
  - Double Track
  - Abandoned
  - Turntable
- Road
  - Highway, County, Township
  - Access (road of doubtful or no clearance or significant driveway)
  - Trail, Bush Road (portage, hiking)
- Rapids
  - Double line river with multiple rapids
  - Double line river with multiple islands
- Reservoir
- River, Stream, Canal
  - Approximate
  - Direction of flow
- Rock
  - Significant
  - Shoal
- Spot Elevation (bar. elevations) -300.0
- Tower
- Transmission Line
  - Poles
  - Pylons
- Tunnel
- Utility Poles
- Wharf, Dock, Pier
- Wooded Area

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

	Description	Order No.	Date	Disposition	File
(M)	Rec. Purp	Sec. 3 PLA			88543
(M)		W 97/77	18/12/77	SRO	86555
(R3)	~~MRO 33/86 SRO 5/86~~			~~MRO~~	~~W 7/85 MR~~
	Reopened NRO #40/85				

SAND AND GRAVEL

- (S) GRAVEL 53686
- (S) GRAVEL 68760

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF

42A08NE8345 2.13945 SHAW

200

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	OC
RESERVATION	R
CANCELLED	C
SAND & GRAVEL	S

NOTE: MINING RIGHTS ON PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

SCALE 1:20 000
GRID ZONE: 17

RECEIVED
MAR 1 1984
MINING DIVISION

TOWNSHIP
SHAW

M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Natural Resources — Land Management Branch
Ontario

ORIGINAL COMPILATION JULY 1984
REVISED updated by MNR

Number
G-3999

LEGEND

- 1a Mafic to Intermediate Volcanics
- 2 Carbonate±sericite Schist
- 3 Iron Formation
- 4 Carbonate Zone

qv quartz vein
qs quartz stringers
cb/carb carbonate alteration
ser sericite alteration
sil silicification
py pyrite

SYMBOLS

- outcrop
- float
- geological contact
- overgrown trenches and pits
- recent trench
- shaft
- sample location and number
- swamp
- foliation direction and dip
- Flintrock drill hole (approx. location)
- Lacana drill hole (approx. location)

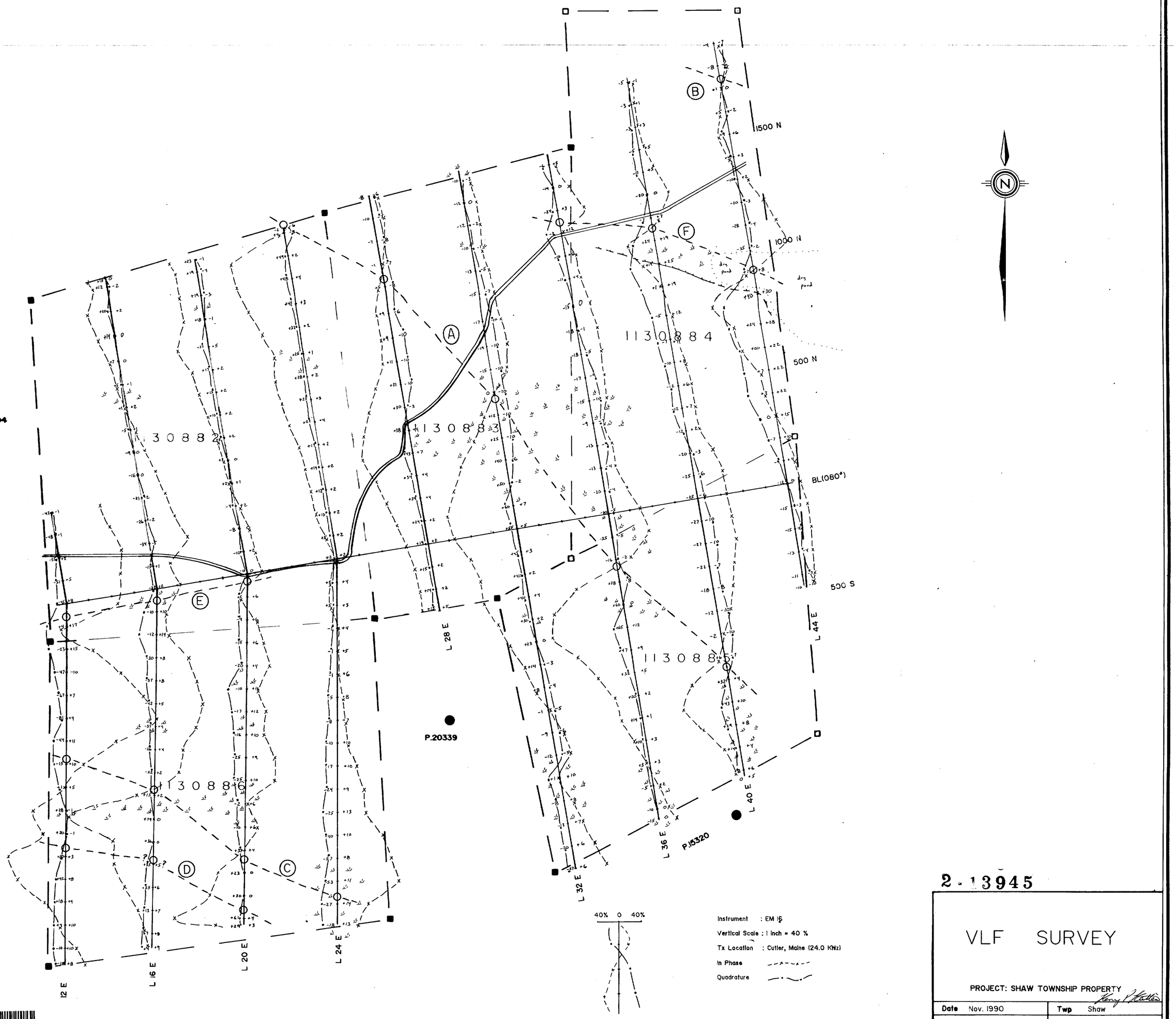
2.13945

GEOLOGY

PROJECT: SHAW TOWNSHIP PROPERTY

Date Nov. 1990	Twp Shaw
Scale 1 : 2400	Figure 1

42A06NE0345 2.13945 SHAW

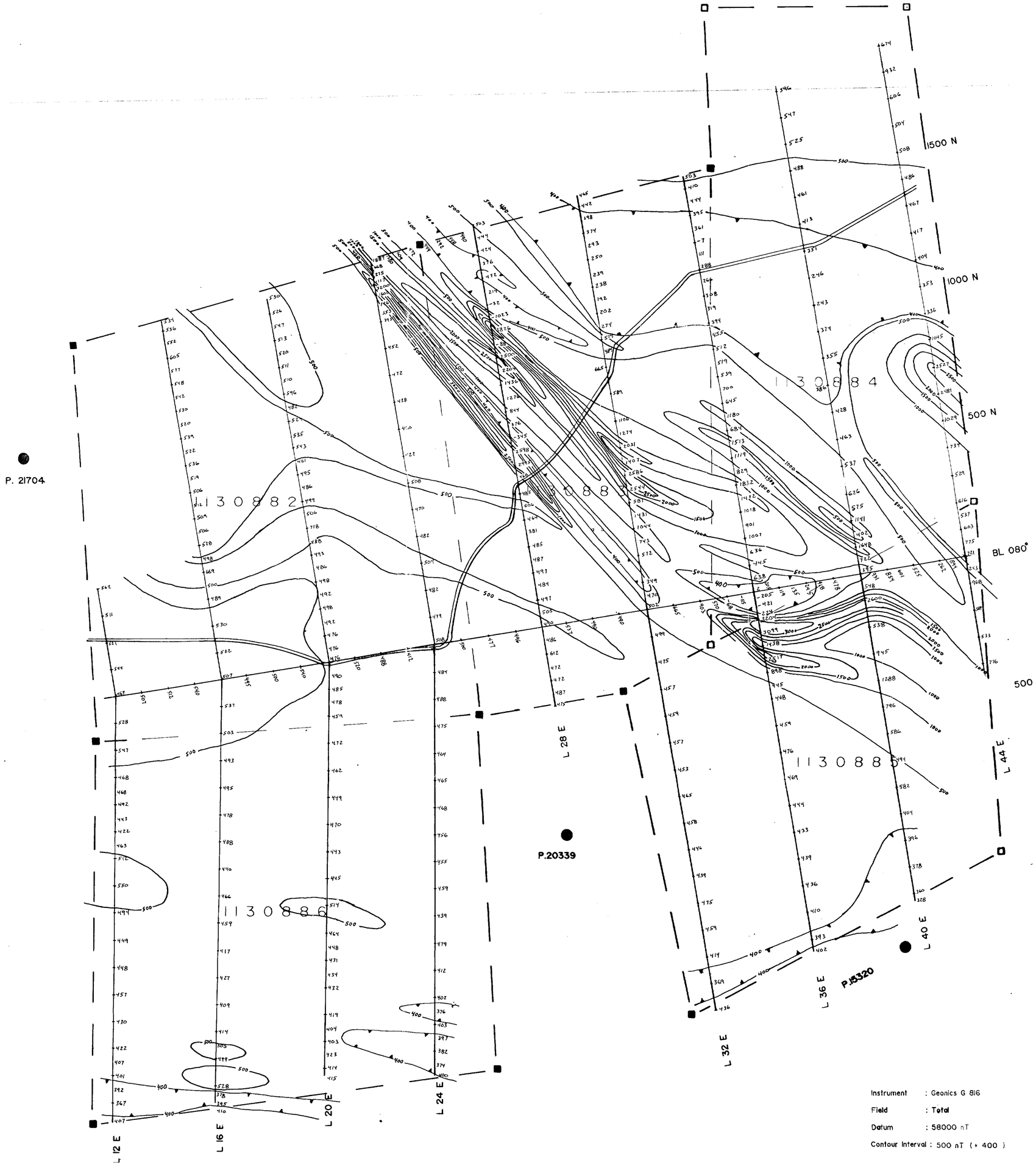


2.13945

VLF SURVEY

PROJECT: SHAW TOWNSHIP PROPERTY

Date Nov. 1990	**Twp** Shaw
Scale 1 : 2400	**Figure** 2



Instrument : Geonics G 816

Field : Total

Datum : 58000 nT

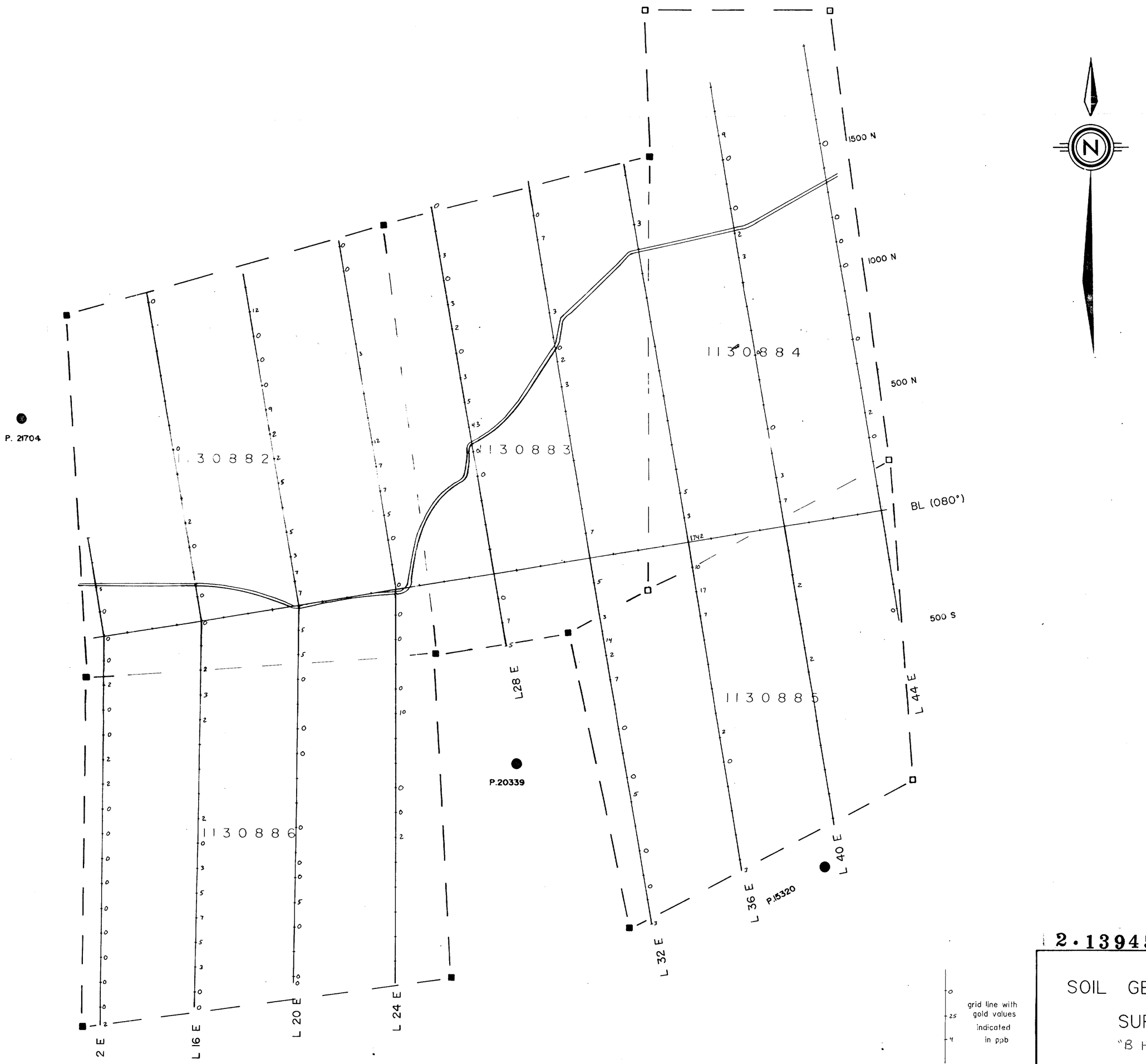
Contour Interval : 500 nT (+ 400)

2.13945

MAGNETOMETER SURVEY

PROJECT: SHAW TOWNSHIP PROPERTY

Date Nov. 1990	Twp Shaw
Scale 1 : 2400	Figure 3



grid line with gold values indicated in ppb

2·13945

SOIL GEOCHEMICAL SURVEY

"B Horizon"

Date Nov, 1990 | Twp Shaw

Scale 1 : 2400 | Figure 4