



42A07SE0003 2.15867 TIMMINS

010

OPAP GRANT 1994

GRANT NO. OPG94-053

OP94-044

REPORT OF THE

GEOCHEMICAL SOIL SURVEY

MAGNETOMETER SURVEY \ ASSAYING AND PROSPECTING

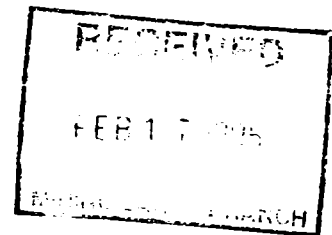
MECHANICAL STRIPPING

DEMARCHI - KALTWASSER GROUP

SHERATON TOWNSHIP

PORCUPINE MINING DIVISION

2.15867



NOVEMBER 18, 1994

RICHARD F. KALTWASSER



42A07SE0003 2.15867 TIMMINS

010C

TABLE OF CONTENTS

LETTER OF INTEREST	PAGE
PROSPECTORS LICENCE	
LOCATION MAP: SCALE 1" = 4 MILES	
PROPERTY PLAN: SCALE 1:20,000	
DECLARATION	1
INTRODUCTION	2
PROPERTY	2 - 3
ACCESS	3
REGIONAL GEOLOGY	3
GEOLOGICAL PLAN: SCALE 1:20,000	3 - 4
LEGEND SHEET	
GENERAL GEOLOGY	
GEOLOGICAL STRUCTURES	4 - 6
ECONOMICS (ZONE A & B)	7
EXPLORATION AND DEVELOPMENT	7 - 8
Line Cutting	9
GEOCHEMICAL SURVEY	9
Topography	9
Geochemical soil survey	9
Geochemical soil signatures: Gold, copper and zinc: Figures 1, 2 and 3	9 - 10
Procedure and Frequency	10
Graphs: Gold, Copper and Zinc: Figures 1, 2 and 3	
MAGNETOMETER SURVEY	11
TRENCHING	11 - 14
CONCLUSIONS AND RECOMMENDATIONS	14 - 15
BIBLIOGRAPHY	16
OPAP SUBMISSION: OP-94-044	18 - 23
ASSAYS CERTIFICATES	24 - 32
GEOCHEMICAL SOIL SURVEY DATA	33 - 44
MAPS IN BACK POCKETS	
GEOCHEM MAPS: SCALE 1:2,500	
Sample location map	
Target Areas Geochem Soils-Gold	Map 1
Target Areas Geochem Soils- Copper	Map 2
Target Areas Geochem Soils- Zinc	Map 3
MAGNETOMETER SURVEY MAPS: scale 1:2,500	
Magnetometer Survey and Interpretation	
TWO TRENCH LOCATION MAPS: SCALE 1:50	

DAVID DEMARCHI
BOX 1261
SOUTH PORCUPINE, ONTARIO
P0N 1H0

July 6, 1992

To Whom It May Concern:

Re: Sheraton, Egan and Timmins Township Claims Group

Richard F. Kaltwasser and David DeMarchi both hold fifty percent (50 %) interest in all the claim group in Sheraton, Egan and Timmins Township.

Sincerely Yours,

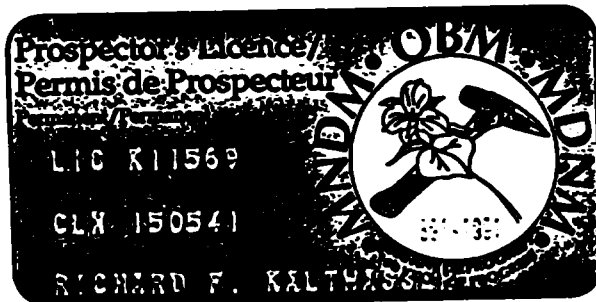
David DeMarchi

David DeMarchi



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



Recognizing more than 25 years of contribution
En reconnaissance de plus de 25 ans de service

Richard F. Kalthwasser

Signature

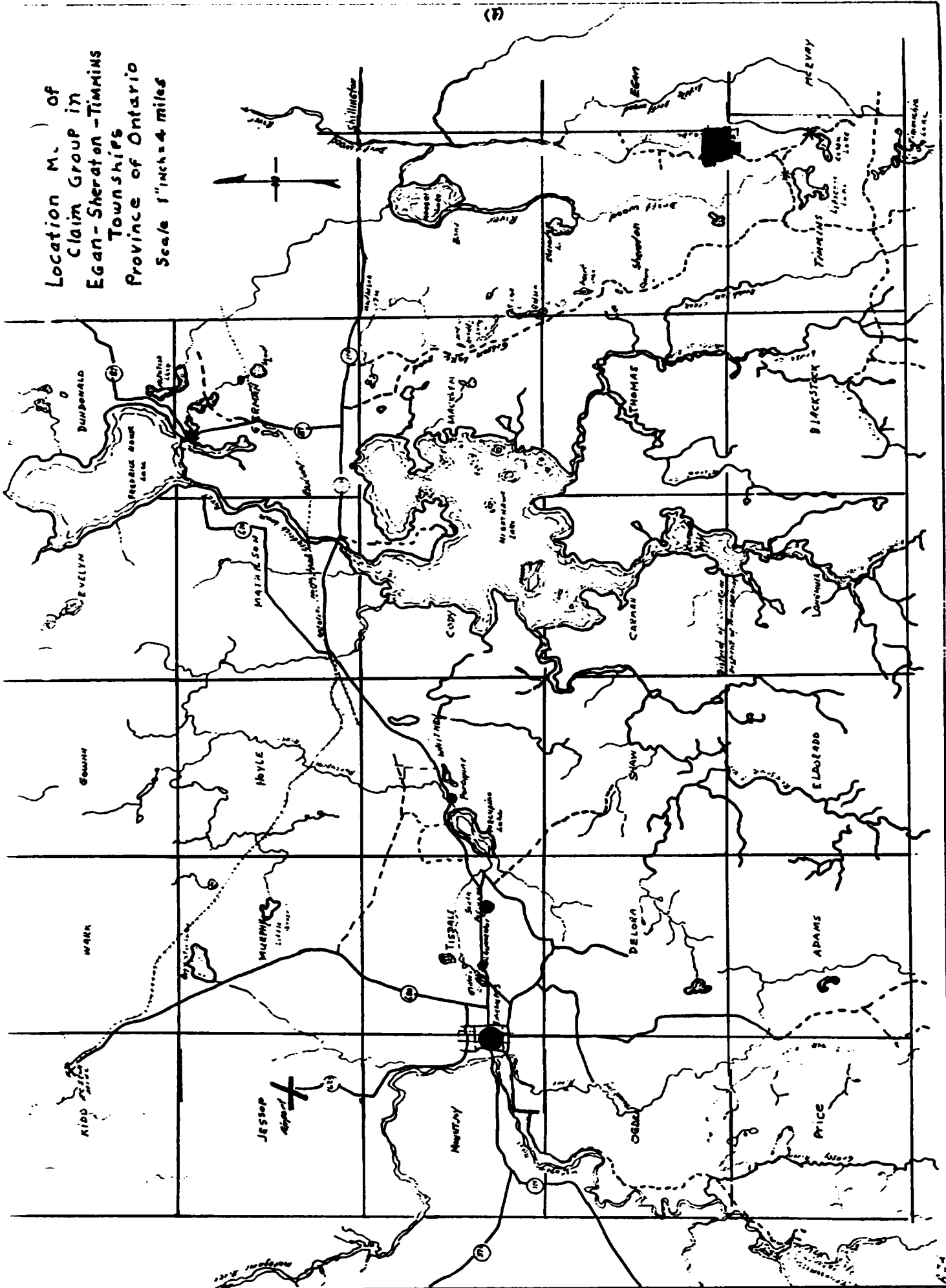
(Not valid unless signed - non valide sans la signature)

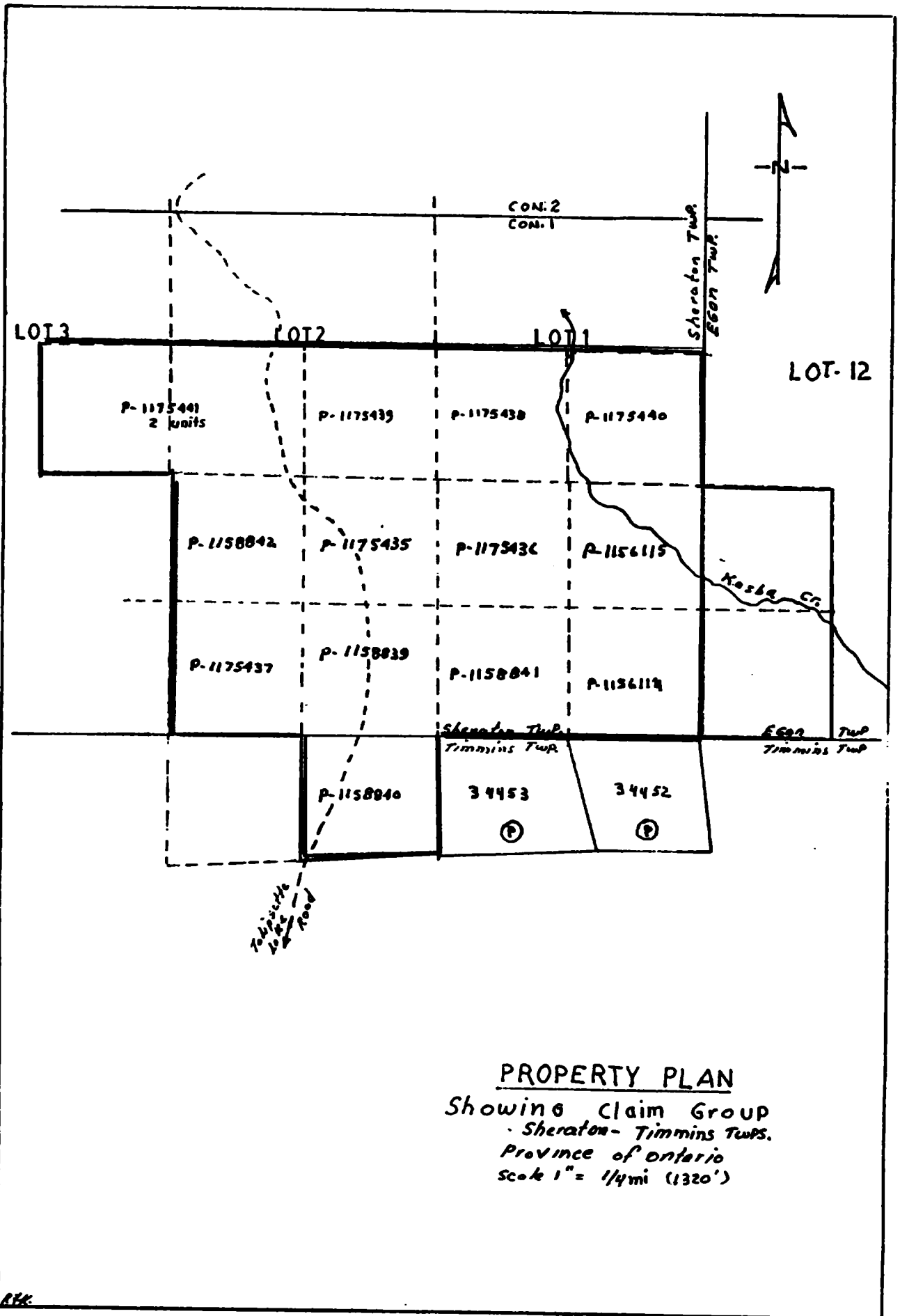
1. No person shall prospect on Crown Lands or state land, nor shall he apply to renew the holding of a mining claim unless a holder of a prospector's licence issued under the Mining Act.
2. Licence to notify Mining Recorder of any change in address.
3. Applications and payment for renewal must be made 60 days before licence's expiry date.

1. Il est interdit à une personne qui n'est pas titulaire d'un permis de prospecteur délivré en vertu de la Loi sur les mines de prospecter des terres de la Couronne, de présenter et d'enregistrer un claim et de présenter une demande d'enregistrement du claim sans d'un claim.
2. Le titulaire du permis doit aviser le registraire du claim de tout changement d'adresse.
3. Les demandes et les droits de renouvellement doivent être envoyés 60 jours avant la date d'expiration du permis.

Under the Mining Act and the regulations and subject to the conditions thereof, the Prospector's Licence is issued. En vertu de la Loi sur les mines et des règlements y relatifs, et sous réserve des restrictions qui s'y appliquent, le permis de prospecteur est délivré au titulaire.

Location M. of
Claim Group in
Egan-Sheraton-Timmins
Townships
Province of Ontario
Scale 1"=4 miles





DECLARATION

I Richard F. Kaltwasser of town of Matheson, Province of Ontario.
Canada do state.

1. I am a practicing prospector, holder of Miners License
No. K11569, Client No. 150541, since June 3rd, 1941.
2. Studied geology by correspondence from McKinley-Roosevelt
University, Chicago, Ill U.S.A. enrolment number 940G prior
to service in W.W.II.
3. I was formerly with Wright-Hargreaves Mine, Kirkland Lake,
Ontario in exploration. Previous to joining the Canadian
John's Mansville Company in 1949 and was senior fieldman,
until recent closing of operations.
4. That I have a 50% (percent) interest in the property.
5. Dated this 12th of November 1994.


Richard F. Kaltwasser

REPORT OF WORK FOR OPAP 1994 GRANT
FILE NUMBER OP94-044

INTRODUCTION:

The following report describes the work program for 12 single unit claims and one - two unit claim forming a block of 14 contiguous claims, in Sheraton and Timmins townships, in the Porcupine Mining Division.

An old known blasted trench in the northeast corner of what is now claim P-1156114 was sampled in the fall of 1990, across widths of 18" in quartz fracture zone. Assays gave values of 0.149 to 3.22 oz. gold per ton.

The gold occurrence was later exposed by stripping for a length of 60 meters, sampled and assayed which gave gold values of economic importance.

Surface sampling taken by resident geologist and assayed gave positive results. (See paper of report #161, Report of Activities 1992 Resident Geologist L. Lutha).

A Geo-magnetic, magnetometer survey was conducted, during 1993 field season. Outlining two possible target areas known as Target A and B. Target A is located on claims P-1175439 and extending south eastward into claim P-1175436.

Target B is situated in the northeast corner of the group P-1175440. Low gold assays were found in both areas in altered mafic volcanics associated near fault shear zones.

Geochemical Soil samples were sent to Swastika Laboratory for analysis of p.p.m. for copper, zinc and p.p.b. for gold.

A work permit No. TI1329-94 was granted for the period from 20th June to October 15th, for mineral exploration and mechanical trenching. Two students were hired, Chris Anthony under OPAP grant and Jean Marc Lessard under NORTOP (Jean Marc Lessard was not paid under the OPAP grant).

Data and compilation of this report is the responsibility of the writer, who holds and interest in the property (See attached letter).

PROPERTY:

The group consisted of fourteen (14) unpatented contiguous claims for a total of approximately 560 acres. There were no new claims added, during the 1994 field season.

PROPERTY: cont'd

The claim group is situated in the south east corner of Sheraton Township in Lots 1-2-3, Con 1 and one claim along the north boundary of Timmins Township, in the Porcupine Mining Division.

Two (2) claims in Egan Township are situated in south west corner of Lot 12, Con 1. Larder Lake Mining Division. The property is situated on longitude $80^{\circ} 42'$ and latitude $48^{\circ} 22'$ have been cancelled since this writing.

ACCESS:

The property is reached by a gravel road (Gibson Lake), which branches off to the south from Highway 101 West approximately 18 miles from Matheson, Ontario.

This road leads south to Lipsette Lake road a distance of 19 miles from the highway, branching off to the east for two miles to Lipsette Lake, and continues east and north for another three miles to the property. Total distance from Matheson to property is 42 miles.

REGIONAL GEOLOGY:

All known rocks in the area are mafic volcanic rocks of Precambrian age, with minor felsic flows. These are mainly andesite, basalt, spherulitic lavas and chlorite schists with local interbedded iron formations, narrow intermediate felsic flows of rhyodacite tuff and fragmentals.

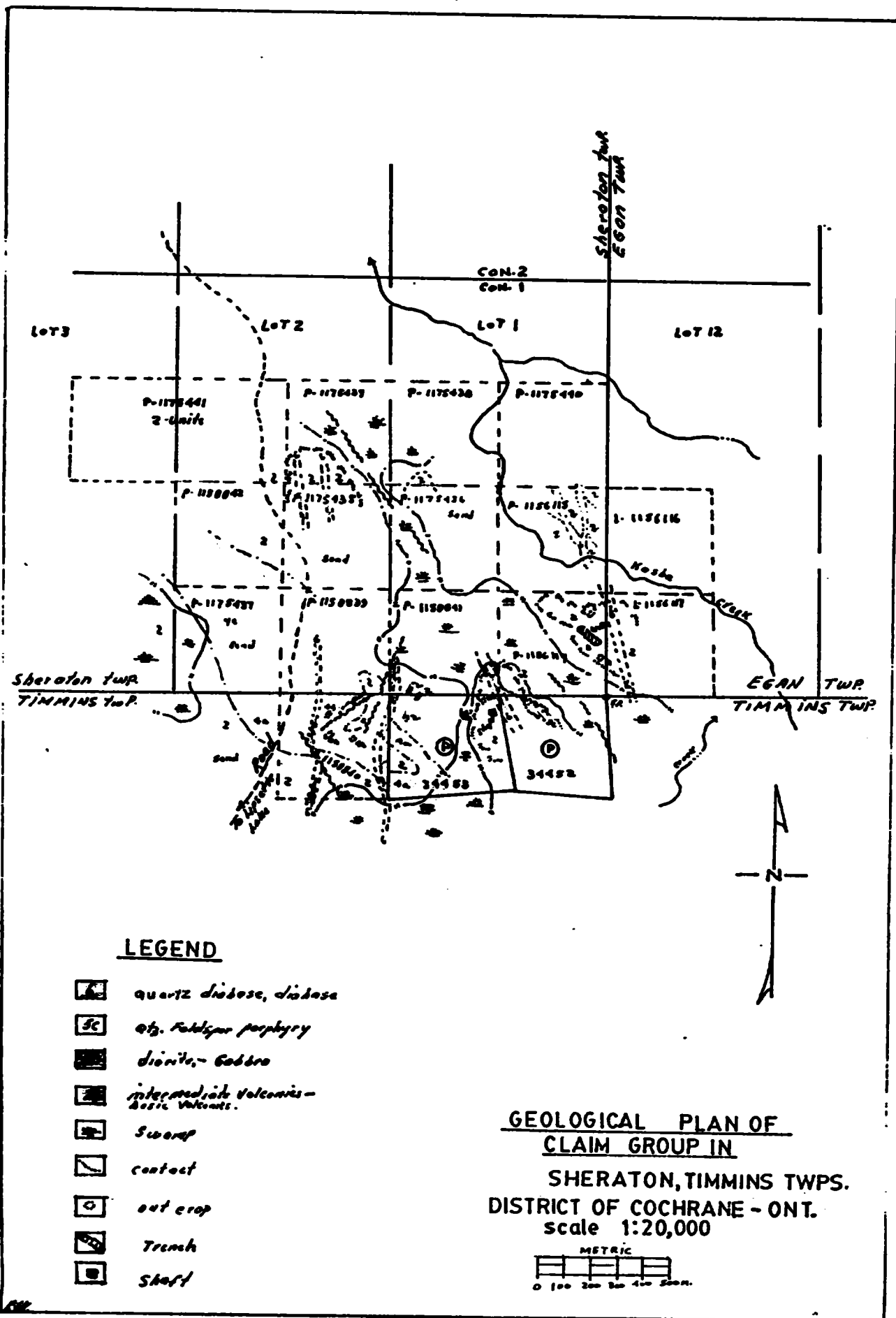
These units were subjected to regional deformation, which has in places imprinted a north west trending shearing, dipping to the north east at 80° .

Intrusions of gabbro and peridotite occur in the southwest part of the group. The peridotite was found in contact on the east side of the diabase.


The sequence was later intruded by felsic rocks, granite (stocks) porphyry, syenite and lamprophyre dikes. Dikes generally striking north east and dip at west 70° . Quartz fractures are found associated with the feldspar porphyry and often contain low gold values.


A later swarm of quartz diabase dikes intrude all formations striking generally north south forming low hills and ridges, throughout the eastern half of Sheraton Township. The diabases have steep dips of 75° to 80° , vary in width from a few meters to over a hundred meters. Most mafic volcanic exposures are found along the flanks of ridges and low hills.


The claim group lays approximately 14 miles south of Destor Porcupine Fault, and adjacent to a strong north west trending




GEOL. LEGEND


-  Quartz diabase , diabase
- 5

 Granite 5a, Syenite 5b, Feldspar porphyry 5c,
Quartz feldspar 5d, Felsite 5e, Lamprophyre 5f:
-  Diorite 4a, Gabbro diabase 4b,
Breccia 4e
- 4c









 Peridotite & Dunite (Serpentinized)
-  Pyroxenite 4d.
- 3

 Rhyolite fragmental lava tuff
-  Andesite basalt pillow lava 2a,
Diabasic lava 2b, Spherulitic lava 2c,
Fragmental lava 2d, Tuff & chert 2e,
Tak-chloritite schist 2f.
- 1







 Greywacke 1a, Arkose 1b, Quartzite 1c,
Argillite or shale 1d, Conglomerate 1e,
Iron formation 1f, Chlorite schist 1g.
- Cb

 Carbonate rock
-  Quartz viens

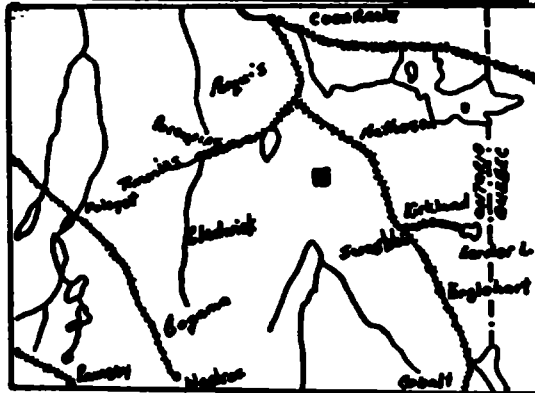
TOPO - SYMBOLS

- | | |
|------------------------------------------------------------------------------------|-------------------------------|
|  | Outcrop |
|  | Higher ground |
|  | Scarp |
|  | Muskeg or Swamp |
|  | Creek |
|  | Drill hole |
|  | Bush road |
|  | Direction in which lava flows |
- face indicated by shape of pillows

GEO- MAG SYMBOLS

- | | |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|  | Contour interval 100 gammas |
|  | Magnetic Base Control Station  |
|  | Geological Contact |
|  | Fault Zone |
|  | Mag. Profile |
- G- Geological
M- Magnetic
T- Topographic

LOCATION SKETCH- 1" 50 MILES



GEO-CHEM SOILS

- soils p.p.m. cu-zn, p.p.b. au.
 rock p.p.b. gold sample no. 13877
 analysis or assay
 sample location-number
3 - 1 - 5
 au - cu - zn.

LEGEND SHEET
PROVINCE OF ONTARIO

REGIONAL GEOLOGY: cont'd

lineament, which maybe part of the Buskegau River fault trending to the north west.

GENERAL GEOLOGY:

"The occurrence is mapped as being within the Archean mafic volcanic suite rocks adjacent to a felsic stock which lies in proximity to the south and to the east. North trending Matachewan diabase dikes are common throughout the area.

The claims are underlain mostly by mafic volcanic rocks with a northwest-trending gabbro intrusive located in the west and numerous north-striking diabase dikes transect the property. Feldspar porphyry dikes occur intruding the mafic volcanic rocks and gabbro. Some are cut by fine, quartz-filled fractures containing fine cubic pyrite" by L.E. Luhta from Ontario Geological Survey Miscellaneous Paper #161 Report of Activities 1992 Resident Geologist.

2 Archean:

Mafic to intermediate volcanics in this group comprise most of the map area, in Sheraton Township. Extending south eastward into Egan Township and south into Timmins Township.

Most of the volcanic rocks in Sheraton consist of spherulitic lavas, basalts, poorly developed pillow lava and chlorite green schist facies. Weathered surface is generally buff, dark gray to dark green. All rocks are weak to moderately carbonated especially nearing fault structures.

Pillow structures are obscure and poorly developed. Spherulitic flows are well developed with large variolitic structures near the tops of flows. Basalts are dark green to black on weathered surface, massive, hard and brittle. Associated minerals are pyrite, magnetite and epidote is also found in fractures.

3 Intermediate Volcanics:

The more intermediate rocks in composition are probably andesite, rhyodacite and tuff. These rocks weather to light gray moderately carbonated with widely spaced white quartz veining with minor pyrite chalco-pyrite and specular hematite. Gold values occur in this horizon.

4 Mafic Intrusive Rocks:

Several outcrops of gabbroic intrusive were mapped in the south west portion of the map sheet. They have a rusty brown mottled appearance on the weathered surface, when broken into are dark green to black coarse grained with radiating hornblende crystals. The gabbroic rocks are

GENERAL GEOLOGY: cont'd

4 Mafic Intrusive Rocks:

composed of plagioclase feldspar, hornblende, magnetite and pyrite occur on fracture faces and sparsely disseminated, throughout the gabbro. Minor chalco-pyrite was also noted with occasional blue quartz eyes. These rocks have been outlined with both aerial and ground surveys striking north west and conforming to the regional geology.

5 Felsic Intrusive Rocks:

The felsic intrusive rocks in the south eastern part of Sheraton Township occur as narrow dikes, sills and irregular bodies. They range in composition from feldspar porphyry to quartz feldspar porphyry, syenite, lamprophyre dikes and small stocks of granite.

The porphyry in Sheraton Township in the south eastern part is light to dark pink in colour equigranular, milky white quartz veining with minor pyrite and chalco-pyrite and specular hematite was observed near the road in south east corner of claim P-1175441 cutting the tuff in a north easterly direction. They intrude the mafic volcanic rocks in the area.

Dips are generally steep to the north west most of the dikes are narrow and probably do not exceed 10 - 15 meters in width?

A low magnetic response occurs in the north central portion of the group and has been interpreted as a small granitic stock?

6 Intrusive Rocks:

Matachewan: A swarm of Matachewan diabase dikes ranging up to 100 meters or more occur on the claim group. Striking generally in a northerly direction, steeply dipping and intrude all known formations in Sheraton Township. Some of the dikes are porphyritic with large green feldspars up to 2 cm in size. They weather a dark brown and altered feldspars on surface shows up as cream coloured splotches.

The rocks form low hills and north south ridges, contacts with the mafic volcanics are distinct. Near the dikes they are generally hard and brittle, becoming much darker in appearance. Small iron rich occurrences are found near the diabase contacts. A few minor shear faults appear to displace the dikes in the northern part of the mapped area but, maybe parallel narrow dikes?

General Geology:

The following "Table of Formations" has been taken from Page 7 of the Report on the Geology of the Night Hawk Lake area compiled by E.J. Leahy: -

Table of Formations

Cenozoic:

Recent Lake, stream, and swamp deposits
Pleistocene: Till, sand and gravel, varved clay.
Unconformity

PRECAMBRIAN:

Proterozoic:

6 Younger Mafic Intrusive Rocks (Keweenaw?)

Diabase
Intrusive Contact

Mafic Intrusive Rocks (Matachewan?)

Diabase, porphyritic diabase.
Intrusive Contact

Archean:

Extremely Altered Rocks

Chlorite-carbonate schist, talc-chlorite-carbonate schist, chlorite-sericite-quartz schist, serpentine schist, carbonate rock.
Gradational and Fault Contacts

5 Felsic Intrusive Rocks

Biotite granite, quartz-feldspar porphyry, feldspar porphyry, syenitic, aplitic, and felsitic dikes.
Intrusive Contact

Younger Sedimentary Rocks

Greywacke, conglomerate, argillite, slate.
Unconformable Contact

4 Mafic and Ultramafic Intrusive Rocks

Serpentinized peridotite and dunite, diorite, carbonatized ultramafic rocks.
Intrusive Contact

Metasediments and Tuffaceous Metasediments

Graphitic metasediments, argillite, slate, greywacke, conglomerate, tuffaceous rocks.
Facies Change and Interfingering Contact

3 Intermediate to Felsic Metavolcanics

Rhyolite, rhyodacitic rocks, agglomerate, tuff, iron formation.
Conformable and Interfingering Contact

2 Mafic to Intermediate Metavolcanics

Massive and pillowed lava flows, spherulitic and amygdaloidal lavas, porphyritic lavas, volcanic breccia, tuffs and agglomerate, iron formation.

GEOLOGICAL STRUCTURES:

In general the area is dominated by north east south west trending lineaments, which have been interpreted as faults or shears, and being younger some what displace the north south Matachewan diabase dikes. These lineaments have a steep dip north west.

Several northwest southeast trending faults were observed and are regarded as most favourable conditions for mineralization where intersected by eastwest shears and displace the mafic intermediate volcanics. The volcanic suite has been folded with many large drag folds. The rocks along these high angle faults, in places show sericite schist, chlorotic schist and carbonate alterations.

The western most high angle fault shown on the map of 1:2,500 is possibly the extension of the Cross Lake Fault and referred to as the Buskegau Fault. "The Buskegau River Fault, appears to be the northwest extension of the Cross Lake Fault. The Cross Lake Fault was interpreted to have its western side uplifted. The Cross Lake-Buskegau River Fault would, therefore, appear to be another "scissor-type" fault with the western side uplifted at the south end and downthrown in the northern part of the fault by R.S. Middleton, Gravity Survey-Timmins-Matheson Area, Geoscience Report 135, 1976."

ECONOMICS:

Gold occurs in quartz stringers in the mafic volcanics associated with feldspar porphyry dikes in and near the diabase intrusions.

"A total of 25 chip samples were taken across the quartz stringers by the claim holders during the summer of 1992. Gold values of economic significance were obtained in the majority of these samples with the best assay being 0.668 ounces Au per ton over 4 feet. The writer with D. Korpela of the Timmins Mining Recorder's Office, took 12 selected grab samples of quartz and pyrite mineralization in various locations within the stripped area. Assays in ounces Au per ton obtained from these samples were: 0.151, 0.056, 0.004, 0.201, 0.127, 0.073, 0.111, 1.839, 0.179, 0.061, 0.255 and 0.758.

The Kaltwasser-DeMarchi occurrence contains narrow stringers which contain gold. Assays of economic significance were obtained by the claim holders and the writer. The whole area warrants further exploration since gold values were also obtained in other locations by previous workers." Report of Activities 1992 resident Geologist, L. E. Luhta, Paper #161.

Zone A:

Zone A is situated in the south east corner of claim P-1175441 and the south west corner of claim P-1175439 and extending into claim P-1175435 approximately 60 meters north of the claim post. Another quartz mineralized zone is found near the central part of claim P-1175439 between lines 1 and 2 east north of base line.

Zone A is possibly most favourable as it is cut by two north

ECONOMICS: cont'd

Zone A:

west striking lineaments and contains zones of alteration associated with westerly striking shears of chlorite schists, tuff and widely spaced narrow white quartz veins up to ten cm in width and appear as lenticular veins. Mineralization associated with quartz veining, is minor pyrite and chalco-pyrite.

The western portion of this zone is intruded by a coarse pink feldspar porphyry, with large feldspar phenocryst (pegmatite dike). Cutting a stock work of white quartz veins in a dacite tuff and up to fifteen cm in width and dipping 65° to the north, striking 285°.

The quartz is mineralized with pyrite minor chalco-pyrite and specular hematite. The zone is approximately 8 to 10 meters in width and in contact to the south with chlorite schist dipping at 65° to 70° north northeast and striking 110°.

Another zone of altered tuff with white quartz veining is in contact with chlorite schist in the south central portion of claim P-1175439. A lenticular quartz vein 1.5 meters wide occurs on the nose of the fold and narrows towards the northwest.

The vein dips at 70° northeast, width of the zone is approximately five meters. Associated narrow quartz veins are up to five cm wide and found near the contact with chlorite schist. The veins are mineralized with coarse pyrite, chalco-pyrite and striking approximately 340°. Grab samples taken gave values of 0.073 oz/t. au.

Located near the east side of the diabase at 150 meters north of line 1 east is another fifteen cm sugary white quartz vein in spherulitic lavas. Geodes occur in the vein with quartz crystal inter growths. Minor chalco-pyrite is associated with the vein. Dipping north 70° east and strikes 330° the vein terminates at the contact with the diabase dike.

Zone B:

This zone is situated at the intersection near east west oriented shears and major northwest southeast striking lineaments at the contact between mafic volcanics and felsite units 2 and 3 are intruded by diabase, which "Y" out forming an embayment of inter-fingered mafic and felsic rocks. Narrow syenite dikes intrude mafic volcanics and generally strike north. Fine pyrite occurs in a sheared mafic volcanic, on the east side of the diabase, a grab sample gave values of 134 ppb. gold.

EXPLORATION AND DEVELOPMENT:

Line Cutting:

Base line no.2 was turned off on a bearing of 115° from no.1 post of claim P-1158841, cut south eastward for 500 meters, then offset to south along L5E for 60 meters, then continued another 200 meters on bearing of 115°.

Grid lines were located every 100 meters and cut at right angles to base line no.2. Lines were cut south to the township line and north to Kasba Creek. Two lines at 50 meter intervals was located at L3.5 east and L4.5 east.

The lines were chained and picketed at every 30 meter intervals along the picket lines. A total 5,100 meters or 5.10 kilometers of line was cut and chained, two students assisted in cutting and chaining the grid. A total of nineteen days was spent on line cutting and chaining.

The grid covers claims P-1156114 - 115, part of P-1158841 in Sheraton Township.

GEOCHEMICAL SURVEY:

Topography:

The western portion of Egan Township is mainly lowland with a gradual fall northward into Kasba Creek. The soil is generally sandy loam, south along the township line is generally swampy with spruce and cedar. The southern portion of claims in Sheraton Township is mainly wet swampy area with sluggish drainage northward. The soil is generally black muck for several meters in depth with stands of spruce and cedar. No soil samples were taken in this area due to the depth of hummus.

The central portion is lowland with occasional low ridges of sand and boulder till formed in a northerly direction. The low areas are generally swampy with clay areas and mainly covered with stands of balsam, spruce, poplar and alders.

Westward the elevation rises approximately 10 to 30 meters above Kasba Creek forming northwesterly trending ridges of sand and boulder till with scattered outcrops of diabase flanked by mafic volcanics. The drainage is north and northeast into Kasba Creek. This area is mainly covered by stands of jack pine, spruce and poplar.

GEOCHEMICAL SURVEY "SOILS":

A geochemical "soil" survey was conducted over part of the claim group being claims numbered P 1175435 - 436 - 438 - 439 and the west part of the two unit claim P-1175441 - P-1156114 and part of P-1156115 all in the southeastern part of Sheraton Township in Con.1, Lots 1 and 2, also a portion of claim L 1156117 in the southwest corner of Egan Township Lot 12, Con.1. For a total of 7,150 meters of grid lines surveyed over base line number 1 and 2 areas. A total of eleven days were spent collecting

GOLD

<u>Constant</u>	<u>Number Samples</u>	<u>Cumulative Total</u>
0-1	25	25
2-3	28	53
4-5	5	58
6-7	1	59
8-9	0	
10-11	0	
12-13	0	
14-15	2	61

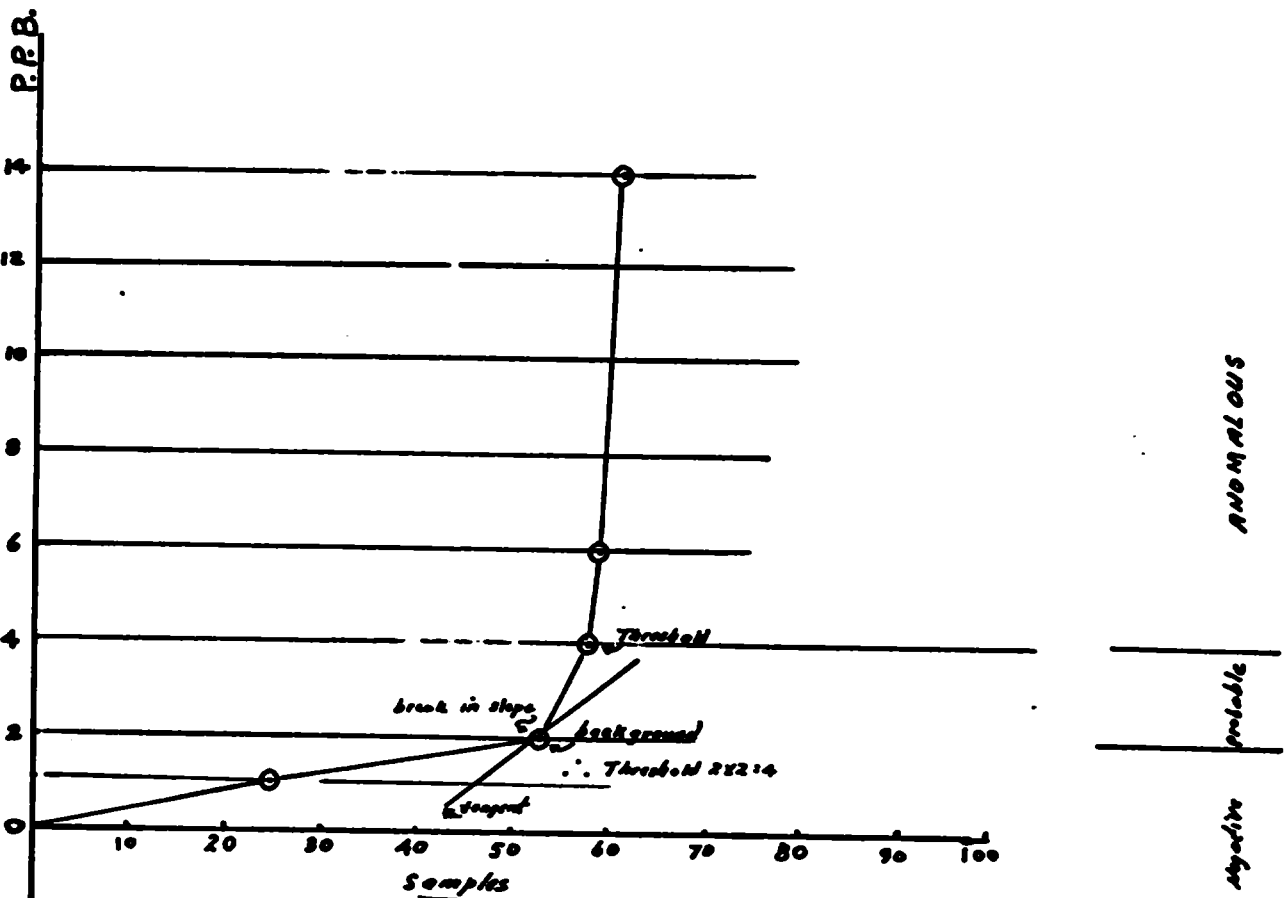


Figure 1

GEOCHEM SOILS

COPPER

<u>CONSTANT</u>	<u>NUMBER OF SAMPLES</u>	<u>CUMULATIVE</u>
0 - 5	105	105
6 - 10	11	116
11 - 15	4	120
16 - 20	2	122
21 - 25	1	123
26 - 30		
31 - 35		
36 - 40		
41 - 45		
46 - 50		
51 - 55		
56 - 60		

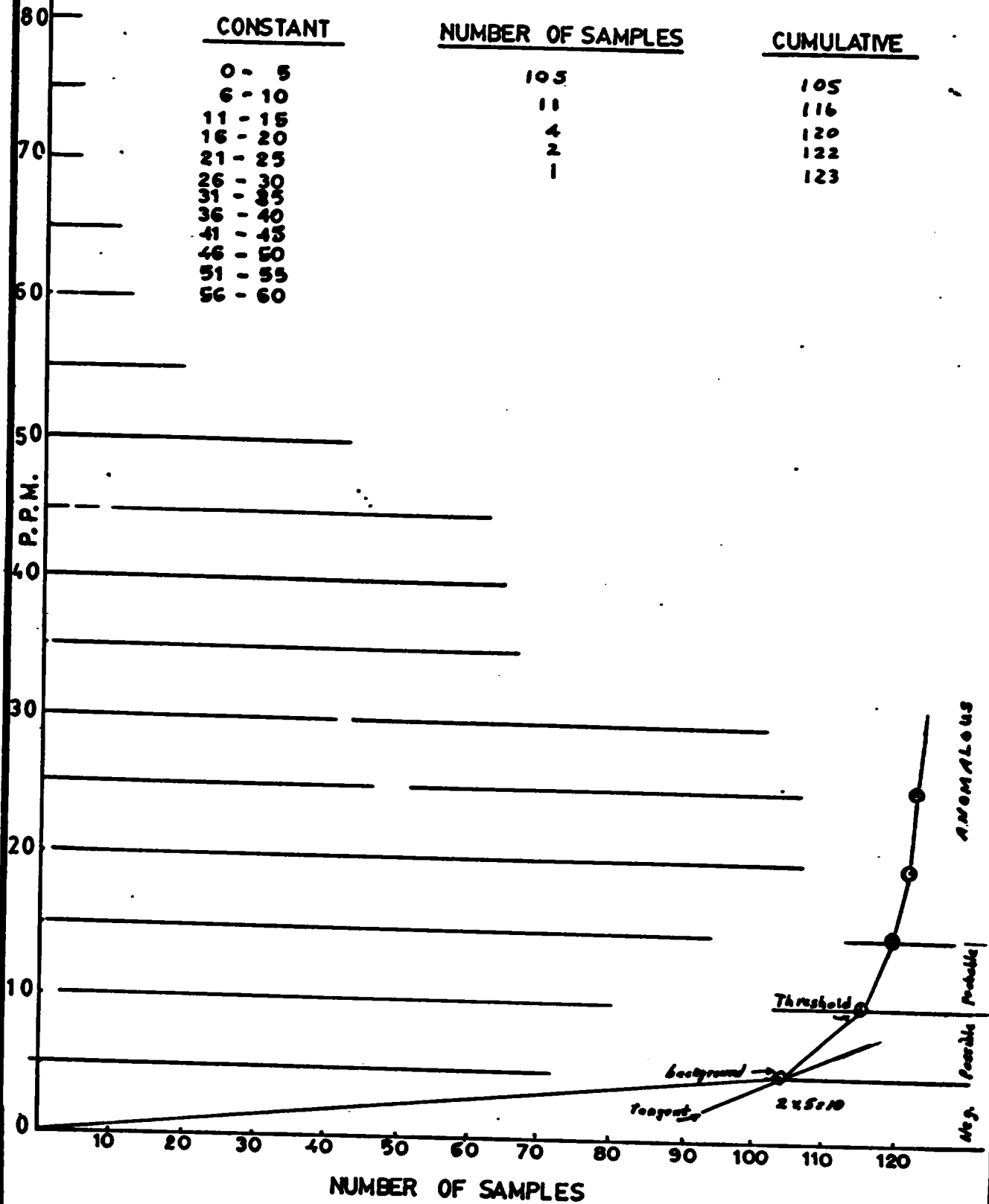


Figure 2

GEOCHEM SOILS

ZINC

<u>CONSTANT</u>	<u>NUMBER OF SAMPLES</u>	<u>CUMULATIVE</u>
0 - 5	71	71
6 - 10	24	95
11 - 15	11	106
16 - 20	5	111
21 - 25	1	112
26 - 30	1	113
31 - 35	2	115
36 - 40	1	116
41 - 45	0	
46 - 50	1	117
51 - 55	0	
56 - 60	0	
61 - 70	1	118

P.P.M.

ANOMALOUS →

PROB.
ANOM.
Negative

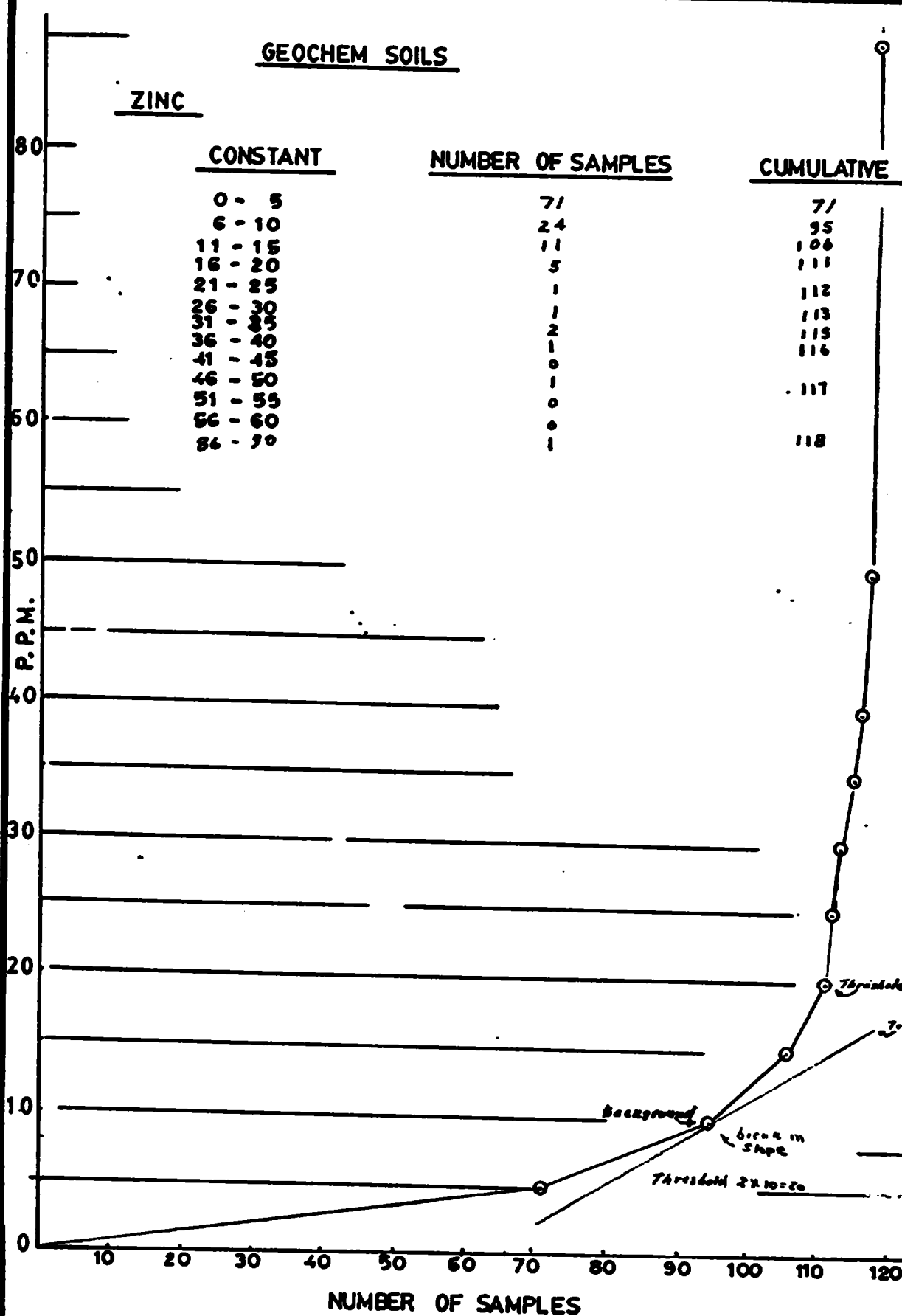


Figure 3

GEOCHEMICAL SURVEY "SOILS": cont'd

samples from the June 27th to July 4th and August 3rd to August 9th, 1994.

Soil samples were collected from a regular grid pattern of 30 -60 meter intervals, by two students Chris Anthony and Jean Marc Lessard hired for the summer. A grub hoe was used to collect the samples from the "B" Zone and placed in wet proof pre-numbered, kraft paper bags. Type of soil collected and drainage slope was also recorded in the field. The samples were dried and screened to -80 mesh and coarse fraction discarded, as most of the metal absorption takes place in the fine sediment. A total of 117 soils were collected and 11 rock chip samples. All samples were sent to Swastika Laboratories for geochemical analysis, extraction, hot acid, method atomic absorption using -80 fraction, and checked for gold p.p.b., copper and zinc p.p.m. all assay sheets accompany this report.

Procedure and frequency:

Results for each element was carefully tabulated giving the number of samples in each increment range of concentration. These values were then graphed, giving the cumulative effect of the number of samples (on abscissa horizontal axis) plotted against the rise of concentration in p.p.m. or p.p.b. on ordinate (vertical axis).

The deviation of "background" and "threshold" was arrived at by using the "Forgeron Method". Forgeron, considers the background metal concentration as the model value of a concentration frequency distribution (Model = Value that occurs most frequently in a given series). Then assumes the threshold value to be twice of that of the background value". In our case the background is taken at the point on the graph where slope changes abruptly from generally low readings of two, values which appear anomalous (see gold frequency diagram figure no.1).

If this break is not sharp a tangent can be drawn in the area of change, so that the angle of the slope of the background to the tangent is approximately equal to that of the anomalous values and the tangent (see zinc frequency diagram figure number 3).

This break in tangential point is taken as the background and in both cases threshold is taken to twice the concentration value of the background.

Three small plans on 1:10,000 meters accompany this report showing the anomalous target areas for gold, copper and zinc along with plans on a scale of 1:2,500 showing locations of soils and rock analytical values.

Although the superficial anomalous gold target area shows a low geochemical analytical signature, it is known from previous stripping of overburden and sampling that a gold bearing horizon does exist, in the underlying rock structure. A drilling program should be under taken to test the potential gold values of the zone at depth and along strike of the geochem target.

MAGNETOMETER SURVEY:

The magnetic survey of this grid was completed with a McPhar M-700 Magnetometer Vertical Field fluxgate, **Serial Number 6604**.

The maximum sensitivity 20 gammas per scale division on the 1,000 gamma range. Readability is 1/4 scale division or 5 gammas with a maximum measurement of 0 to $\pm 100,000$ gammas in 5 ranges.

Two base stations were set, one on line 0+00 reading 1,630 gammas, another base station was set on line 5+00 east, number 2 base line, reading 2,446 gammas. These two base stations were tied into the control on the base line, number one, line 0+00 on claim P-1175411, reading 986 gammas.

Base station were checked several times each day and diurnal plotted on a graph for \pm variations.

The magnetometer survey was conducted by Chris Anthony (operator) Matheson, Ontario and Jean Marc Lessard (assistant) of Val Gagné, Ontario students hired for the summer.

Station readout every 10 meters, total number of reading for the survey 452; to complete the magnetometer survey took five man days.

Readings were plotted on a scale 1:2,500 and contoured at 100 gamma intervals along with geological interpretation.

The purpose of this survey was to outline the magnetic low associated with the known gold occurrence and locate the diabase dikes near the zone.

TRENCHING:

During October 3rd and 4th, 1994, a total of eight trenches were dug. One trench and part of another trench was refilled due to depth of the overburden in excess of three meters. The work was supervised by Richard Kaltwasser and the mechanical backhoe trenching was done by Wilson's Backhoe Service of Matheson, Ontario. Operator of the equipment was Wayne Wilson of Matheson, Ontario. The trenches were partially cleaned, but not washed, as water was not available in the immediate area trenched. They will be cleaned, during the spring run off and sampled. The trenches were tied into the claim corners mapped and plotted on a scale of 1:50 meters. (See accompanying trench plans).

Trenching No.1:

Located 60 meters south of base line number two on line 4+00 East, or 163 meters north, on the Sheraton-Egan Township Line to post number one P-1156114.

Dimensions of trench are length fourteen meters, width six meters depth of overburden is 0 - 1.5 meters from the northwest to southeast.

The soil is a sandy boulder till. The trench has yet to be cleaned, mapped and sampled.

TRENCHING: cont'd

Trench No. 2:

Located in Egan Township, 185 meters south of post number four, claim L-1156117 and 20 meters east of the township line. (line 4.5 East, 64 meters south of base line number two).

Dimensions of trench exposed length 26 meters - width two meters, depth one meter and additional eight meters of the trench was refilled due to the depth of overburden, which exceed three meters.

The trench was mapped and plotted on a scale of 1:50. One rock chip sample was taken for assay (No. 13885 - gave 2,734 p.p.b. au).

Trench No. 3:

Location is 100 meters south of the number one post, claim P-1156114 and fifteen meters west on base line number two between line 3.5 and line 4 east. Length of the area trenched is seventeen meters, average width of eight meters and depth of one meter. The trench was mapped on a scale of 1:50 meters. The exposure is a mafic volcanic with narrow quartz two cm veins and fractures with pyrite. Epidote occurs along outer walls of the rock fractures.

The mafic rocks are in contact with a Matachewan Diabase exposed along the eastern part of the trench. A chip grab sample was taken gave 6,300 p.p.b. au or approximately 0.195 oz/T. Further sampling will be completed after trench is cleaned and washed.

Trench No. 4:

Location is 20 meters west and 90 meters north of Number two post claim P-1175441 (two unit claim), or 90 meters north of base line number one on line 0+00. A geochemical anomalous value of 14 p.p.b. au. is the surface signature at this point. A trench was dug to check the underlying rock, but the depth of the overburden of sand and boulder till was in excess of three meters. This trench was abandoned and refilled to surface.

Trench No. 5:

This trench is located on claim P-1175441, 25 meters west of number two post and 50 meters north on line 0+00 base line number one. The length of trench is twelve meters, width of trench nine meters and the depth of overburden is zero to one meter.

The surface was cleaned and mapped. The outcrop is a chlorite schist of green facies, sheared with white quartz veining three to four centimetres wide, striking at 285° and dipping at 65° northeast. The chlorite schist is in contact with a dacite tuff to the north. Along the southwest corner of the trench is a narrow lamphrophyre dike no samples were taken.

TRENCHING: cont'd

Trench No. 6:

Location of trench is 45 meters west of number two post claim P-1175441 and seventy meters north of trench and approximately fifteen meters east of the road. Length of trench thirteen meters, width eight meters and depth from zero to two meters.

The trench was cleaned and mapped. The outcrop exposed is a light gray weathered dacite tuff in contact with chlorite schist to the south. A stock of white narrow white quartz veins up to fifteen centimetres occur within the tuff horizon. Veins are mineralized with sparse pyrite, chalcopyrite and specular hematite. The veins strike at 285°, dips 65° northeast.

A quartz feldspar porphyry dike striking north cuts the tuff horizon on the west side of the exposure. Quartz veining also occurs in the dike. Sampling will be conducted later.

Trench No. 7:

Location of trench No. 7 is fifty meters north of post number three, claim P-1175439 and eleven meters east of claim line. The length of stripped areas is thirteen meters, width five meters and depth 0.5 meters. The rock is a dacite tuff with narrow white quartz veins sparsely mineralized with pyrite striking at 280° dipping 70° northeast width of veins are from two to four centimetres and has not been sampled.

Trench No. 8:

Trench is located 110 meters east of post number three claim P-1175439 and 140 meters north to trench near the edge of spruce and cedar swamp. The length of trench is thirty-six meters, the width at south end of the trench six meters narrowing northward to two meters. The depth of the overburden is on an average of one meter. The trench strikes at 350°. The soil is a sand and boulder till. The northern part of the trench is strongly sheared and rock surfaces broken into slabs forming a rubble.

The south part of the trench is a spherulitic cherty flow, weathering to a light gray and inter-fingered with a iron rich chlorite schist, streaky pyrite and narrow quartz fractures. Samples from this horizon gave values of 0.073 oz./T. au.

The cherty flows are in contact with dacite tuffs, approximately five to six meters wide, moderately sheared, with narrow quartz fractures and a lenticular quartz veins 1.5 meters wide on the nose of a fold, strongly mineralized with chalco-pyrite. Three samples from this vein numbered 13876 with quartz and pyrite gave 3,556 p.p.b. au.; sample number 13877 gave 346 p.p.b. au. and sample number 13879 gave 20,700 p.p.m. cu. and 70 p.p.m. zn, nil gold.

The copper and zinc sample only indicates the presence of copper - zinc as associated host minerals with the anomalous gold superficial (soil) geochemical survey outline mapped.

TRENCHING: cont'd

Trench No. 8:

All trenches were plotted on a scale of 1:50.

CONCLUSIONS AND RECOMMENDATIONS:

Conclusions:

An OPAP grant for 1994 field season made it possible to carry out a geochemical "soil" survey, through the central portion of the claim group, and possibly extend the strike of the main showing through the anomalous overburden?

Also outline the "Target A" area for a possible anomalous gold bearing signature.

The survey proved to be successful by outlining an anomalous gold bearing horizon with a background of two p.p.b. Surface signature of the soil anomaly varies from two to fourteen p.p.b. after the removal of the overburden and sampling of the underlying rock formations increased analytical values to over 3,400 p.p.b. (Target A).

Over the main showing analytical values from the rock samples gave values of over 6,000 p.p.b. of gold. (None of the rock samples were used in calculating graph background charts of the geochemical soil survey).

Zinc appears to be associated with the anomalous gold signature. While copper appears mainly along or near fault zones and analytical results are erratic. (Refer to geochemical soil graphs figure 1, 2 and 3).

The magnetometer survey over the main showing area outlined a magnetic low, interpreted as intermediate volcanic tuff in contact with mafic basic volcanics to the east and adjacent to a diabase dike.

Formally the main showing had a known strike length of sixty meters exposed. Mechanical trenching in the main showing area extended the strike length for another forty meters. Giving a total strike length of hundred meters known and still open to the northwest. The floor of several trenches need cleaning before sampling can be completed.

Recommendations:

From all results compiled to-date the area warrants drilling of three, four hundred foot diamond drill holes at right angles to the strike dipping 45° to the northeast along the strike of the main showing.

Testing the zone at depth of fifty meters or more, for continuity of the gold bearing zone and ore grade. All cores to be logged, mineralized zones split, assayed for gold ounces per ton and drill sections plotted to scale.

CONCLUSIONS AND RECOMMENDATIONS: cont'd

Recommendations:

Depending on drilling results, an extra set of holes should be drilled at 60° from the same set-up and drilled to under-cut the zone at a greater depth and give a true section.

Also four short holes along the strike of the geochemical soil target should be drilled to test the underlying formations for potential gold bearing horizons.

Drilling should be under taken only in spring or summer when water is available.

Bulk samples of several hundred pounds should be taken at intervals across the zone and tested for grade and recovery at one of the local Go-mills.

Currently a private consortium is interested in the property no firm option has been finalized.

Submitted by:


Richard F. Kaltwasser

BIBLIOGRAPHY

ASSESSMENT:

Office Ministry of Northern Development and Mines, Timmins
Branch

File No. T-277	Blanchette Porcupine Gold Mines	1936
File No. T-1754	Morin-Laroche Group	1975
File No. T-1856	Blanchette Group Manville Canada	1984
File No. T-3309	Kinex Resource	
File No. T-3139	Placer Dome Inc.	1987
File No. T-3230	T. McAllaster Property	1988

REPORTS ONTARIO BUREAU OF MINES:

Porcupine Gold Area-Twentieth Annual Report Part II A. G. Burrows	1911
Night Hawk Gold Area Twenty Third Annual Report Part III	1924
Geology of Langmuir-Sheraton Area Forty-ninth Annual Report Part IV L. G. Berry	1940
Ontario Geological Survey Miscellaneous Paper #161 Report of Activities, Resident Geologist L. E. Luhta	1992

NUMBER OF INDIVIDUALS EMPLOYED UNDER THE PROJECT

Jean Marc Lessard was employed through "Nortop", Northern Training Opportunities Program from June 27th to September 2nd, 1994. His wages was paid from Kalex company funds, Not under the OPAP grant. Jean Marc wages of (\$2,292.48) were not tabulated in our costs under other expenses (See page 19) only Chris Anthony's wages are shown. Kalex was reimbursed in the amount of \$1,102.60 from Nortop.

Under the OPAP grant Chris Anthony was employed for the summer, starting period June 27th to September 2nd, 1994, working 9 hour a days at 4 days a week.

One student at 42 days each = 42 person days
One backhoe operator at 2 days = 2 person days
One student Nortop at 41 days = 41 person days



ONTARIO PROSPECTORS ASSISTANCE PROGRAM (OPAP) FINAL SUBMISSION FORM 1994

INSTRUCTIONS: Please read the guidebook before completing form Please type or print
Submit completed form and supporting documentation by January 31, 1995 (May 31, 1995 for winter program) to:
Incentives Office (Mining and Land Management Branch)
Ministry of Northern Development & Mines
5th Floor, 933 Ramsey lake Rd., Sudbury, Ontario P3E 6B5

TO BE COMPLETED BY SUCCESSFUL GRANTEES AFTER PROJECT COMPLETION AND ACCOMPANIED BY WRITTEN REPORTS, MAPS, ETC.

Applicant RICHARD F. KALTWASSER Regular Project ☒ Winter Project ☐ File Number OP-94-044

Proposed project area(s) (Twp. or claim map name, latitude and longitude) 48°22' 80°42' Completed?

1. SHERATON - LOTS - 1-2, CON.1, EGAN LOT 12, CON.1 Twp. Yes ☐ No ☒
2. _____ Yes ☐ No ☐

Changes to proposed project(s) (if any)

LINE CUTTING FOR SURVEY WAS NOT COMPLETED, 5.10KM CUT AND CHAINED FOR SURVEY (PROPOSED WAS FOR 8KM LINE) SLOW CUTTING WENT AND DIRTY GOLF SURVEY. ALL OTHER PHASES COMPLETED

List other co-owners of the property with OPAP grants that worked on project

N/A

I. WORK PERFORMED BY APPLICANT (Summary of Section IV)

1. Project #1 area/name DEMARCHI KALTWASSER GROUP

No. days worked by applicant

	No. of samples	No. days worked by applicant
Traditional prospecting	<u>11</u>	<u>(that's only you)</u>
Geological surveys	Scale <u>1:2500 mapping</u> (<u>Trenches 1:500m</u>)	<u>3</u>
Geophysical surveys	Type <u>Line cutting</u> Miles/km <u>5.10</u>	<u>16</u>
Geochemical surveys	Type <u>Soils</u> No. of samples <u>117</u>	<u>11</u>
Drilling	Type _____ Ft./m _____	<u>N/A</u>
Stripping/Trenching	Method <u>Back hoe</u>	<u>2</u>
Other	Type <u>Drafting - Report</u>	<u>11</u>
TOTAL		<u>45</u>

Form filled out by
Report prepared by

☒ Applicant ☐ Other (please specify) _____
☒ Applicant ☐ Other (please specify) _____

III. DETAILED LIST OF EXPENDITURES (Summarize in Section II)

Date	Recipient of Payment	Explanation	Amount
<u>June</u>	<u>Invoice No.</u>		
06 - 94	mining records	maps - prints	3.19
07 - 94	14015 Porosma canvas	slipping tape - field books	31.00
09 - 94	5625 Mallory Auto	Repairs truck "Arrows"	430.49
<u>July</u>			
05 - 94	4000-0063 CO-OP	Axe file - gloves	17.21
07 - 94	167553 mining records	Documents (COPAR)	5.15
08 - 94	30228 Swastika Lab.	ASSAYS (Rock)	94.16
13 - 94	30261 Swastika Lab.	Geochemical Analysis (Soils)	109.13
15 - 94	30296 Swastika Lab.	Geochem. Analysis (Soils)	127.23
30 - 94	0159 CO-OP	metric chain	43.99
<u>August</u>			
05 - 94	8672579-3 Porosma canvas	Supplies Sample bags	13.05
22 - 94	30593 Swastika Lab.	Geochem. Analysis "Soils"	333.85
24 - 94	5933 Mallory Auto	Truck repairs "chain"	66.22
<u>September</u>			
19 - 94	30890 Swastika Lab.	Geochem. Analysis "Soils"	74.64
22 - 94	30947 Swastika Lab.	Geochem. Analysis "Soils"	451.28
<u>October</u>			
17 - 94	31162 Swastika Lab.	Geochem. Analysis "Rock"	32.10
<u>November</u>			
7 - 94	— antique bookbinding Service	Shipping and demobilization	979.05
24 - 94	031 Ardmore Enterprises	Towing capacity power & shift exp.	400.00

Mileage rate claimed 7,680 km at 30¢/km for use of own vehicle $\frac{1}{2}$ Ton..... 2,304.00

TOTAL 5,595.84

Attach additional sheets as required.

IV. DAILY REPORTS (Summarize work activity in Section I)

[illegible]

Attach additional sheets as required.

V. SIGNIFICANT RESULTS (please complete)

Project Area	New Showings and/or Anomalies	Commodity	Best Analyses
<u>SHERATON-EGAN TWP.</u>	<u>Anomalous</u>	<u>Gold</u>	<u>3566 P.P.B. Rock</u>
<u>"</u>	<u>Anomalous</u>	<u>"</u>	<u>14 P.P.B. Soils</u>
<u>"</u>	<u>New Tracting ES</u>	<u>"</u>	<u>6309 P.P.B. Rock</u>

VI. CLAIMS STAKED DURING/AFTER PROSPECTING ACTIVITY (please complete)

Project Area	Claim Numbers	Number of Claim Units
<u></u>	<u></u>	<u>NIL</u>
<u></u>	<u></u>	<u></u>

VII. OPTION AGREEMENTS RESULTING FROM OPAP PROJECT (please complete)

Optionee	Property/Claims	Dollar Value of Work Commitment
<u>a private consultant is contacted. nothing has been finalized to date!</u>		

The Ministry of Northern Development and Mines may verify all statements related to and made herein this application.

1. I am the person named in the Final Submission Form under the Ontario Prospectors Assistance Program.
2. I am ordinarily a resident of Canada.
3. I have complied with all the requirements of the said program.
4. I understand that it is an offence under the Ontario Mineral Exploration Act, R.S.O. 1990, to make a false or misleading statement and that all statements and all other information submitted in support of the said application are true and correct.
5. I was not employed by the Ministry while in receipt of the OPAP grant.
6. I am not the spouse, child, sibling or parent of a Ministry employee.
7. I am aware that any other Provincial or Federal Government financial assistance received for said application will be deducted from the amount of incurred "Total Eligible Expenses".

It is an Offence under subsection 8(1)(A) of the Ontario Mineral Exploration Act, R.S.O. 1990 to knowingly furnish false or misleading information.

Personal information on this form is obtained under the authority of the Ontario Mineral Exploration Act, R.S.O. 1990, sections 2, 3 and 4 and the Ontario Prospectors Assistance Program Regulation, sections 4, 5 and 6. The financial and technical information will be used for the purpose of determining the eligibility of the applicant to

have a program designated for financial assistance and the amount of such assistance. Other information, such as statistical information about the individual projects will be used for the purpose of determining the overall effectiveness of the program. It may be disclosed for those purposes and I consent to its disclosure for such

purposes. Questions about this collection should be directed to Supervisor, Incentives Office, Mining and Land Management Branch, Ministry of Northern Development and Mines, 5th Floor, 633 Ramsey Lake Road, Sudbury, Ontario P3E 6B6, Toll free 1-800-265-0834.

Signature of Applicant Richard F. Kaltwasser

Date Nov. 21, 1994

Name (print) RICHARD F. KALTWASSER



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Assay Certificate

4W-1371-RA1

Company: **KALEX**

Date: JUL-08-94

Project:

Attn: **R. Kaltwasser**

We hereby certify the following Assay of 8 Rock/Chip samples submitted JUN-30-94 by R. Kaltwasser.

Sample Number	Au oz/ton	Au Check g/tonne	Au 2nd g/tonne
13868	Nil	-	-
13869	0.001	0.001	-
13870	Nil	-	-
13871	0.001	-	-
13872	0.015	0.016	-
13873	0.002	-	-
13874	0.073	-	0.058
13875	0.001	-	-

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-1372-SG1

Company: **KALEX**

Project:

Attn: **R. Kaltwasser**

Date: **JUL-11-94**

We hereby certify the following Geochemical Analysis of 23 Soil samples submitted JUN-30-94 by R. Kaltwasser.

Sample Number	Au PPB	Au Check PPB	Cu PPM	Zn PPM
1- ① L-0+00N BL 0+00	-	-	1	12
2 L-0+00N 0+30 M N	-	-	1	8
3 L-0+00N 0+50 M N	3	-	1	5
4 L-0+00N 0+80 M N	5	-	2	7
5 L-0+00N 0+90 M N	-	-	9	14
6 L-0+00N 1+50 M N	-	-	6	14
7 L-0+00N 2+10 M N	-	-	1	7
8 L-0+00N 2+70 M N	-	-	1	6
9 L-0+00N 3+30 M N	-	-	1	5
10 L-0+00N 4+00 M N	-	-	1	5
11 L-1+00W 4+00 M N	-	-	2	10
12 L-1+00W 3+30 M N	-	-	1	7
13 L-1+00W 2+40 M N	-	-	1	16
14 L-1+00W 1+80 M N	-	-	1	7
15 L-1+00W 0+90 M N	5	-	5	11
16 L-1+00W 0+60 M N	2	-	1	6
17 L-1+00E 0+00 BL	3	-	7	8
18 L-1+00E 0+30 M N	14	15	25	88
19 L-1+00E 1+90 M N	-	-	2	8
20 L-1+00E 2+70 M N	-	-	1	5
21 L-2+00E 0+60 M N	-	-	4	28
22 L-2+00E 0+90 M N	14	12	10	18
23 L-2+00E 1+20 M N	5	-	9	11

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-1473-SG1

Company: **KALEX**

Date: JUL-15-94

Project:

Attn: **R. Kaltwasser**

We hereby certify the following Geochemical Analysis of 20 Soil samples submitted JUL-07-94 by R. Kaltwasser.

Sample Number	Au PPB	Cu PPM	Zn PPM
26 L-2+00E 2+40 M N	-	6	19
27 L-2+00E 3+00 M N	-	1	2
28 L-2+00E 3+60 M N	-	1	3
29 L-1E BL 0+30 M E	Nil	5	8
30 L-1E 0+30 E 0+40 S	Nil	10	10
31 L-2+00E 3+00 M S	-	1	3
32 L-2+00E 2+40 M S	-	2	4
33 L-2+00E 1+80 M S	-	2	6
34 L-2+00E 1+30 M S	-	2	7
35 L-3+00E 0+60 M S	-	5	6
36 L-3+00E 1+20 M S	-	13	21
37 L-3+00E 1+80 M S	-	2	17
38 L-3+00E 2+40 M S	-	3	15
39 L-3+00E 3+00 M S *	-	-	-
40 L-3+00E 0+60 M N	-	4	10
41 L-3+00E 1+20 M N	-	2	4
42 L-3+00E 1+80 M N	-	1	6
43 L-3+00E 2+70 M N	-	1	5
44 L-3+00E 3+00 M N	-	1	4
45 L-4E 3+00 M N	-	1	2
46 L-4E 1+80 M N	-	1	2

L-3E not at all as sample
L-3E 3+00 M S as sample?

(as 17)

Note: * Indicates that the sample was not received.

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-1724-RG1

Company: **KALEX**

Date: **AUG-12-94**

Project:

Assn: **R. Kaltwasser**

We hereby certify the following Geochemical Analysis of 2 Rock Chip samples submitted AUG-10-94 by R. Kaltwasser.

Sample Number	Au PPB	Au Check PPB
13876	3538	3566
13877	309	346

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-1725-RG1

Company: **KALEX**

Date: **AUG-19-94**

Project:

Attn: **R. Kaltwasser**

We hereby certify the following Geochemical Analysis of 31 Soil samples submitted AUG-10-94 by R. Kaltwasser.

Sample Number	Au PPB	Au Check PPB	Cu PPM	Zn PPM
5E 1+20M S	Nil	Nil	1	1
5E 1+60M S	2	-	1	1
5E 2+10M S	Nil	-	2	1
4.5E 0+60M S	3	-	-	-
4.5E 0+90M S	2	2	3	1
4.5E 1+30M S	2	-	1	1
4E 0+60M S	2	-	16	1
4E 0+90M S	Nil	Nil	2	1
4E 1+20M S	Nil	-	-	-
4E 1+60M S	-	-	1	1
BL 3+70M E 0+00	3	-	1	1
3.5E 0+00 B.L.	Nil	Nil	-	-
3.5E 0+30M S	Nil	-	1	1
3.5E 0+60M S	Nil	-	-	-
3.5E 0+90M S	Nil	-	1	1
3.5E 1+20M S	-	-	1	1
4E 0+60M N	-	-	2	1
4E 0+90M N	-	-	12	32
4E 1+50M N	-	-	1	1
3.5E 0+30M N	2	-	1	1
3.5E 0+60M N	Nil	-	1	1
3.5E 0+90M N	2	2	-	-
3.5E 1+20M N	-	-	1	1
3E 0+00 B.L.	2	-	1	1
3E 0+30M N	2	-	-	-
3E 0+60M N	Nil	-	1	1
3E 0+90M N	Nil	-	-	-
3E 1+20M N	Nil	2	-	-
3E 2+10M N	-	-	1	1
3E 0+60M S	3	2	-	-
3E 1+20M S	-	-	2	1

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2138-RG1

Company: **KALEX**

Date: **SEP-16-94**

Project:

Attn: **R.Kaltwasser**

We hereby certify the following Geochemical Analysis of 6 Rock samples submitted SEP-13-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Zn PPM
13878	363	343	-	-
13879	Nil	-	20700	70
13880	Nil	-	-	-
13881	Nil	-	-	-
13882	34	27	-	-
13883	134	-	-	-

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



Established 1938

Swastika Laboratories

A Division of TSL/Amayers Inc.

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

4W-2142-SG1

Company: **KALEX**

Date: **SEP-22-94**

Project:

Area: **R. Kaltwasser**

We hereby certify the following Geochemical Analysis of 43 Soil samples submitted SEP-13-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Zn PPM
94-49	Nil	2	1	5
94-50	2	-	3	6
94-51	5	-	1	4
94-52	Nil	-	1	3
94-53	Nil	-	1	1
94-54	-	-	1	1
94-55	-	-	1	1
94-56	-	-	1	2
94-57	2	-	1	2
94-58	-	-	1	3
94-59	-	-	6	8
94-60	-	-	12	31
94-61	-	-	15	36
94-62	3	3	5	15
94-63	Nil	-	2	5
94-64	Nil	-	3	12
94-65	3	-	1	5
94-66	Nil	-	1	3
94-67	Nil	-	1	1
94-68	7	-	2	4
94-69	3	-	3	8
94-70	Nil	-	8	7
94-71	-	-	4	4
94-72	-	-	2	3
94-73	-	-	1	1
94-74	-	-	2	9
94-75	-	-	4	15
94-76	-	-	2	11
94-77	3	3	2	9
94-78	Nil	-	9	17

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

Paid Oct 5/94
check # 076



Established 1978

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

4W-2142-SG1

Geochemical Analysis Certificate

Company: **KALEX**

Project:

Ann: **R. Kaltwasser**

Date: **SEP-22-94**

We hereby certify the following Geochemical Analysis of 43 Soil samples submitted SEP-13-94 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Zn PPM
37	Nil	-	1	3
38	2	-	1	2
39	Nil	-	1	2
40	-	-	1	2
41	Nil	-	2	4
45	3	-	3	9
46	2	-	1	2
47	3	5	7	49
48	2	-	1	1
49	-	-	1	2
50	3	-	1	5
58	Nil	Nil	2	5
65	3	-	16	12

Certified by

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

Telephone (705) 642-3244

FAX (705) 642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2420-RG1

Company: KALEX

Date: OCT-13-94

Project:

Attn: R. Kaltwasser

We hereby certify the following Geochemical Analysis of 3 Grab samples submitted OCT-07-94 by .

Sample Number	Au PPB	Au Check PPB	
13884	6309	5829	0.20 g/T
13885	2743	-	0.07 g/T
13886	5280	5554	0.17 g/T

Certified by Dennis Chastre

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

Telephone (705) 642-3244

FAX (705) 642-3300

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR JEAN MARK LESSARD & CHRIS ANTHONY Sheet 001

AREA Shageton Twp. South East corner.

DATE JUNE 27/84

PROJECT Demarchi Group.

LOCATION REF. LTS-1-2 Can. I.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									AL	P10	C4	Zn PPM
94-1	B.L. L-0+00 N'	Y	Pepper	Sandy	6"	Grey	f	Y direction of drainage - Flat areas.			1	12
94-2	0+30 M. N'	+	Mix bush	Sandy	6"	Grey	f				1	8
94-3	0+50 M. N'	Y	" "	"	6"	Grey	f		3		1	5
94-4	0+80 M. N'	Y	" "	"	6"	Grey	M		5		2	7
94-5	0+90 M. N'	+	" "	clay	6"	black	M				9	14
94-6	1+50 M. N'	+	" "	Sandy	6"	brown	M				6	14
94-7	2+10 M. N'	—	" "	Sandy	6"	Grey	M				1	7
94-8	2+70 M. N'	—	" "	Sandy	6"	L. Brown	f				1	6
94-9	3+30 M. N'	—	" "	Sandy	6"	Grey	M				1	5
94-10	4+00 M. N'	—	" "	Sandy	6"	Grey	f				1	5
	L-1+00 W'											
94-11	4+00 M. N'	—	Mix Bush	Sandy	12"	Grey	f				2	10
94-12	3+30 M. N'	—	" "	Sandy	6"	dark Brown	f				1	7
94-13	2+40 M. N'	—	" "	Sandy	6"	Grey	f				1	16
94-14	1+80 M. N'	—	" "	Sandy	6"	Grey	f				1	7
94-15	0+90 M. N'	—	" "	humus	12"	d. Brown	f		5		5	11

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR Jeon Nick Lasset - Chris Anthony

sheet no. 2

AREA Sharon Township South end Corridor

DATE Aug 28/94

PROJECT Denterski Group

LOCATION REF. lots-1-2 - Cor 1.

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									AU	PIB	CU	ZN PPM
94-16	0+60m N	—	Mix bush	Sandy	6"	Grey	grity		2		1	6
	<u>L-1E</u>											
94-17	0+00 B.L.	Y	Mix bush	Sandy	4"	Grey	grity	(chain P-1175439) samples-17-34 steep hill	3		7	8
18	0+30m N	Y	" "	"	6"	Grey	grity	on top of steep?	14		25	88
19	1+90m N	⊥	" "	"	6"	"	fine				2	8
94-20	2+70m N	⊥	" "	"	6"	"	f				1	5
	<u>L-2E</u>											
94-21	0+00 B.L.	⊥						No Sample				
22	0+60m N	⊥	olden. Mix bush	Sandy	7"	L. Brown	grity				4	28
23	0+90m N	⊥	" "	Sandy	6"	L. Brown	grity		14		10	18
24	1+20m N	⊥	" "	Sandy	6"	Grey	grity		5		9	11
94-25	1+80m N		Swamp	Muck				No Sample				
26	2+40m N	⊥	Mix bush	muck	6"	black					6	19
27	3+00m N	—	" "	Sandy	6"	Grey	f				1	2
28	3+60m N	—	" "	Sandy	4"	Grey	f.				1	3
94-29	b.l. 0+30E of L-1E	⊥	" "	Sandy	6"	Grey	grity	steep out			5	8

GEOCHEMICAL SURVEY DATA

COLLECTOR J. Derek G. Ward - Chris Anthony

Sheet no 3

AREA Shelton Township - South east corner

DATE June 29/94

PROJECT Demarachi Group

LOCATION REF. lots 1-2, Cn-1

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									AV.	P.P.B.	CU	Zn PPM
94-30	1-1E - 0730m E and 0740m S	T	brush mix bush	Sandy loam	6"	dark grey	gritty		nil		10	10
	<u>1-2E South</u>											
94-31	3+00m E S	—	mix bush	sandy	6"	grey	fine			1	3	
32	2+40m S	T	" "	"	6"	grey	fine			2	4	
33	1+80m S	T	" "	"	6"	L. brown	fine			2	6	
34	1+30m S	T	" "	"	6"	grey	fine			2	7	
	<u>1-3E South</u>											
94-35	0+60m E S	T	" "	"	6"	grey	gritty			5	6	
36	1+20m E S	T	" "	"	6"	L. brown to grey	gritty			13	21	
37	1+80m E S	T	" "	"	6"	grey				2	17	
38	2+40m S	T	" "	"	6"	L. brown	gritty			3	15	
94-39	300m S	T	" "	"	6"	Grey	only			2	4	
	<u>1-3E N</u>											
94-40	0+008 L. N	T	" "	Muck		dark brown		No Sample				
41	0+60m N	—	older Summ	Sand & muck	8"	Grey	fine			4	10	
94-42	1+30m N	—	" "	Sandy	6"	grey	fine			2	4	

GEOCHEMICAL SURVEY DATA

COLLECTOR Walter M. Lawrence & Charles R. Belling

Sheet no. 4

AREA Sheraton trap South east corner

DATE June 25/94

PROJECT Dominichi Group.

LOCATION REF. Lot 1, con. I

SAMPLE NO.	LOCATION	DRAINAGE slope	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									As	P.P.B.	Cu	Zn P.P.M.
94-43	1+80m N°	—	Cedar st		12"	L. Brown	fine				1	6
94-44	2+70m N°	—	Spruce st		16"	L. brown	f.				1	5
94-45	3+00m N°	—	Mix bush	Sandy	6"	Grey	f.				1	4
	<u>L-4E N°</u>	—										
94-46	3+00m N°	—	Spruce st	Sandy	6"	grey	f.				1	2
47	2+40m N°	—	st	st muck	6"	black	Gritty	No Sample				
48	1+80m N°	—	Spruce	Sand	4"	Grey	fine				1	2
49	1+20m N°	—	Spruce-Cedar	Sand	18"	Brown	fine		2		1	5
50	0+60m N°	✓	Mix bush	st	12"	D. Brown	f.		2		3	6
94-51	0+00 B..L.	✓	Mix bush	Sand	4"	Grey	f.		5		1	4
	<u>L-5E N°</u>								.			
94-52	0+00m N°	✓	Mix bush	Sand	4"	Grey	fine		NIL		1	3
53	0+60m N°	✓	" "	Sand	4"	L. grey	f.		NIL		1	1
54	1+20m N°	✓	" "	Sand	8"	Grey	f.				1	1
55	1+0m N°	—	Spruce	Sand	12"	D. Grey	f.				1	1
94-56	2+10m N°	—	Spruce	Sand	14"	Grey	fine				1	2

GEOCHEMICAL SURVEY DATA

COLLECTOR Leanne Mare - Chris

Sheet 40 S

AREA Sheraton Twp. South-east corner.

DATE June 29/94

PROJECT Dermish Creek

LOCATION REF. Lot 1 con 1, claim - 1175436

SAMPLE NO.	LOCATION	DRAINAGE slope	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									APB	APB	CU	Zn PPM.
	<u>L-4E South</u>											
94-57	0+60m. S.	Y	mix bush	Sand	4"	Grey	f.		2		1	2
58	1+20m. S. 1+20m. S.	T	" "	"	4"	Grey	fine				1	3
59	1+80m. S.	Y	" "	"	6"	Brown.	grity				6	8
60	2+40m. S.	Y	" "	clay	12"	Black	f.				12	31
94-61	3+00m. S.	Y	" "	clay	6"	Black	f.				15	36
	<u>L-5E South</u>											
94-62	3+00m. S.	Y	SPRUCE	clay	4"	Brown	f.		3	3	5	15
63	2+40m. S.	Y	mix bush	Sand	4"	Brown	f.		nil		2	5
64	1+80m. S.	T	" "	Sand	4"	Brown	grity		nil		3	12
65	1+20m. S.	Y	" "	Sand	4"	Grey	fine		3		1	5
66	0+60m. S.	Y	" "	Sand	4"	Grey	grity		nil		1	3
	<u>L-6E S</u>											
94-67	3+00m. S.	Y	mix bush	Sand	4"	Grey	f.		nil		1	1
68	2+40m. S.	T	" "	sand	4"	Dark grey	f.		7		2	4
94-69	1+80m. S.	T	" "	Sand	4"	L. Brown	f.		3		3	8

Sheet no. 6

DATE July 4th 1994

PROJECT Demerchi Group

LOCATION REF. L.O.T.-1 cm 1 C/amp-1175436

38

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR JOHN MARK LESSARD - CHRIS ANTHONY

Sheet no 7

AREA ESTIMATION TIPS

DATE Aug. 3/54

PROJECT Demachi Group

LOCATION REF. 10/5 12 - 1071

44-1156114

Case 1:1-cv-01156-117

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									AL.	P.P.B.	CU	ZN
	SECTION TWO L-5 E-5											
1	1+20m S°	f	Mix Bush	Sandy	4"	Grey	f		nil		1	1
2	1+60m S°	T	SPRUCE	"	6"	Grey	f		2		1	1
3	2+10m S°	f	Mix Bush	"	8"	Grey	f		nil		2	1
	SECTION TWO L-4.5 E-5											
4	0+60m S°	T	Mix Bush	Sandy	6"	Grey	gritty		3			
5	0+90m S°	T	" "	Sandy	8"	L. Brown to grey	fine		2		3	1
6	1+30m S°	T	SPRUCE	Sandy	6"	Grey	f		2		1	1
	SECTION TWO L-4 E-5											
7	B.L. 0+00 S°	.						No Sample (Diabase outcrop)				
8	0+60m S°	T	Mix bush	Sandy	4"	L. Brown	Gritty		2		16	1
9	0+90m S°	T	" "	Sandy	12"	Brown	f		nil		2	1
10	1+20m S°	T	" "	Sandy	6"	Grey	f		nil			
11	1+60m S°	—	" "	Sandy	12"	Grey	f				1	1
12	8m E. in Q 3+70m E. in	Y	SPRUCE	Gravelly	4"	Grey	f		3		1	1

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR John Mervin Jessup - Chris Anthony

Sheet #08

AREA Shenandoah Twp. Southwest corner

DATE Aug. 6th 1994

PROJECT Demerski Group

LOCATION REF. L.O.T. 1 - cont. - claim P-1156114

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									AL	P.P.B.	Cu	Zn
	<u>L-3.5m. E</u>											
13	0+00m. S°	+	Adkiss - Grass - Oak. mix bush	Sandy	6"	Gray	f.	Shenandoah Twp.	Nil			
14	0+30m. S°	+	" "	Sandy	12"	Gray	f.	" "	Nil		1	1
15	0+60m. S°	+	Sunny adkiss " " grass.	Sandy	6"	Gray	f.	" "	Nil			
16	0+90m. S°	+	adkiss	Sandy	6"	Gray	f.	" "	Nil		1	1
17	1+20m. S°	+	adkiss - grass. mix.	Sandy	4"	Gray	f.	" "			1	1
	<u>L-4E N°</u>											
18	0+60m. N°	+	Spume - bilum mix bush.	Sandy	6"	L. gray	f.	EGAN TWP			2	1
19	0+90m. N°	+	" "	Clay	4"	L. Brown	f.	" "			12	32
20	1+50m. N°	+	" "	Sandy	4"	Gray	f.				1	1
	<u>L-3.5E. N°</u>											
21	0+30m. N°	+	Mix Bush	Sandy	4"	L. gray	f.		2		1	1
22	0+60m. N°	+	" "	Sandy	2"	L. gray	f.		Nil		1	1
23	0+90m. N°	+	" "	Sandy	4"	L. gray	f.		2			
24	1+20m. N°	—	" "	Sandy	4"	L. gray	fine				1	1

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR John H. Heston - Chris Anthony

Sheet 109

AREA Shelton Trp. C1-P-1156114-115

DATE Dec 8/94

PROJECT Demerchi Group

LOCATION REF. Lot 1 - C-11 South and C-115

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									As	PBS.	Cu	Zn PPM.
	<u>L-3 100E N°</u>											
25	B.L. 0100 N°	✓	<u>Spencer's Pk. Mts. Buck</u>	Sandy Loam	4"	gray	f.	<u>over flat and sandy. Spence - 1/2 mile with Pk. Mts.</u>	2		1	1
26	0+30 meters	✓	" "	"	4"	L. Brown	fin.		2			
27	0+60 meters	✓	" "	"	4"	gray	f.		NIL		1	
28	0+90m. N°	✓	" "	"	4"	gray	f.		NIL			
29	1+20m. N°	—	" "	"	4"	L. gray	d.		2			
30	2+10m. N°	—	" "	"	4"	gray	f.				1	1
	<u>L-3 100E S°</u>											
31	0+60m. S°	✓	<u>mt. Buck</u>	Sandy	4"	L. Brown	f.	<u>drainage into creek and Pond.</u>	3			
32	1+20m. S°	✓	" "	Sandy	4"	gray	f.	" "			2	1
33	1+80m. S°		<u>Cedar Swamp</u>			much		<u>No Sample Blank mud</u>				
34	2+40m. S°		" "			"		<u>depth 2 ft plus? wet.</u>				
35	3+00m.		" "			"		" "				
36	3+60m. S°		" "			"		" "				

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR Shaw, Mark - Chairman

orig photo

AREA Shaded temp.

DATE Aug 6/ 1994

PROJECT Demarchi group.

LOCATION REF.

Class P-1156115

[illegible]

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR Sean MacKessack - Chris Anthony

How good is

AREA Sharon trap. C/wire P-1156116

DATE Aug 8th 1994

PROJECT DOMINICKI GROUP

LOCATION REF. Lot 1 - Cor 1

[illegible]

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR Dean pure basalt - chain entomology

Sheet no. 12

AREA Sheraton trap.

DATE Dec. 8th 1994

PROJECT Demerchi Group.

LOCATION REF. LOT 1 - C-11

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									14	PHS	54	217
	L-0+00 B.L.							at Post No 1 claim - P-1156641 As noted - P-1156642.				
58	0+60 M. S°	Y	Mud Bush	Sandy	6"	dark grey	fine	drainage with small stones.	NIL	2	5	
59	1+20 M.	—	Cedar tree	Much Black	24"			No sample				
60	1+80 M.	—	" tree	Mud	24"			" "				
61	2+40 M. S°	—	" tree	Much	16"			drainage stopped.				
62	3+30 M.	—	" tree	Much	18"			no sample				
63	3+90 M. S°	—	" tree Sparce	Much.	30"			" "				
64	4+30 M. S°	—	Cedar - Sparce Very wet flooded	Black Mud	18"			No sample.				
65	0+60 meters west of 1-2 E°	Y	Sparce					new old pit on trap line steel pipe showing small sample drainage large pit taken for and sample	3	16	12	
								END of Survey				

**33 First Avenue, Box 700
Schumacher, Ontario P0N 1G0
Telephone (705) 288-7878
Fax (705) 360-1865
Toll Free 1-800-461-1045**

INVOICE # 14015**SOLD TO**

Richard Kaltwasser

SHIP TO

DAY	MON	YR	FEDERAL LIC.	PROVINCIAL LIC.	PURCHASE ORDER	SHIP VIA	PACKING SLIP NO.
07	06	84					
QUANTITY	PROD. #	DESCRIPTION	UNIT PRICE	AMOUNT			
1	4100	Rio 298 Leather Book		5.95			
1 pk	4200	Orange Flogging		21.00			
		G.S.T. R104267604					
Payment due upon receipt of Invoice. No statements issued. TERMS: Net 30 days from date of billing on approved credit. 2% interest/month on overdue accounts.						Sub-Total	26.95
						G.S.T.	1.85
						P.S.T.	2.16
						SHIPPING	
						TOTAL	31.00

Payment due upon receipt of invoice. No statements issued.
TERMS: Net 30 days from date of billing on approved credit.
2% interest/month on overdue accounts.

TRAINING RECORDER
IRKLAND LAKE ONT.
STW R124668666

4-06-94 #0

2X	1.02
ST.	2.04
1X	1.00
TE PR	1.00
X1	0.08
X2	0.07
TAL	3.19
TEND	3.20
RANGE	0.01

3 0435 11:05TH



MALLORY'S AUTO SERVICE & REPAIR
GST #R12391310
351 Railway Street
MATHESON, ONTARIO POK 1N0
Bus. (705) 273-2031 Res. (705) 273-2773

5625

DATE IN
JUNE 9/94
DATE PROMISED
JUNE 9/94
CUSTOMER ORDER NO.
ORD. NO. 174
BY
M.O.

NAME
Dick Kaltwasser
ADDRESS
Matheson, Ontario
TELEPHONE NO.
174
SPECIAL NO. / V.I.N.
Chevy Custom - Deluge 91399/3
MOTOR NO.

SERVICES REQUESTED / DESCRIPTION OF WORK
OIL CHANGE
OIL FILTER
AMOUNT

Change oil & filter
replace front brake pads
replace rotor
replace tie rod
change plugs
repack wheel bearings
OIL DRAIN
& CHECK FLUIDS

TOTAL LABOUR
3.8 HOURS AT \$ 152.00
TOTAL LABOUR
MAY BE CONTINUED ON OTHER SHEET

CODE
NEW
USED
REBUILT
RECONDITIONED

PART NUMBER and DESCRIPTION

CODE
UNIT PRICE
AMOUNT

1 PH13A Oil Filter @ 5.95
5 Litres Power 30 @ 3.25 16.25
1 5516 Rotor @ 84.48
1 Oil Rod ES409R @ 37.60
3 R44T N 3.09 84.72
1 MKD 525 brake pads N 47.59

paid by cheque
38

LITRES/GALS. OF GAS
LITRES/QT. OF OIL
TOTAL GAS, OIL & GREASE
TOTAL PARTS
TOTAL LABOUR
OUTSIDE REPAIRS
GAS-OIL & GREASE
5.75
216.59
52.00

SUBTOTAL
GST
TOTAL
374.34
26.26
400.60
PST
29.91
TOTAL
430.51

FOR YOUR SAFETY, WE RECOMMEND THE FOLLOWING:
SAVE OLD PARTS
OIL YES NO

4000 0063
12-54

242
mhy?

canal **O.T.C.**

**PICK-UP RECORD
COMPTOIR D'EXPÉDITION
REGISTRE DE RAMASSAGE**

167553

**STAMP YOUR CANPAR ACCOUNT NUMBER HERE
ESTAMPILLEZ VOTRE NUMÉRO DU COMPTE ICI**

תאריך: 10.10.2019

CITY - VILLE

L. hirsuta

[REDACTED]

REF OF EXP
1675531

[illegible]

— *Linum catharticum* —

८

4

5

SHIPPER'S SIGNATURE SIGNATURE DEL FREIGHTER

CARRIE H. SIGNATURE(S) SIGNATURE OF VOLUNTEER

EMPLOYER

11

1

1

1. *Staphylococcus aureus*

Taylor & Francis

•

9211421116

780.04	0011	1	4	7	0
--------	------	---	---	---	---

WILEY
McGraw-Hill
ADDITIONAL

LIABILITY: Maximum liability to business addressees is \$20,000 per shipment with a maximum for any one (1) package of \$5,000 if value declared. Otherwise maximum liability is \$100 per shipment or \$2 per shipment pound whichever is the greater. Maximum liability to residential (non-business) addressees is \$100 per shipment or \$2 per shipment pound whichever is the greater.

RESPONSIBILITY: Responsabilité maximale de 20,000\$ adresses d'affaires par expédition avec une valeur maximale de 5,000\$ par colis si une valeur est déclarée. Si non la responsabilité maximale est des 100\$ par expédition ou 2\$ par livre par expédition selon le plus élevé des deux. Responsabilité aux adresses résidentielles (non-commerciales) est des 100\$ par expédition ou 2\$ par livre par expédition selon le plus élevé des deux.

METHOD OF PAYMENT METHODE DE PAIEMENT	ACCOUNT NO. N° DE COMPTE
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

☐ CASH / COMPTANT

AUTHORIZATION N°
N° D'AUTORISÉ

☐ MASTER CHARGE

CUSTOMER - CLIENT

CUSTOMER COPY / COPIE DU CLIENT

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

INVOICE

NO: 30228
DATE: 07-08-94
PAGE: 1 of 1

SOLD TO:

R. Kaltwasser
Box 34
Matheson, Ontario
P0K1N0

SHIP TO:

Same

Order Number: R132862640

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
		Code 1	Ac.	3		8.000	24.00
		Code 4	Sample Prep	3		3.000	9.00
			Cert #4W-1371-RA1				
			3-GST @ 7 %				6.16

Chq No 0054

TERMS

10 Days

TOTAL

94.16

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
POK 1T0

INVOICE

NO: 30261

DATE: 07-13-94

PAGE: 1 of 1

SOLD TO:

R. Kaltwasser
Box 34
Matheson, Ontario
POKINO

SHIP TO:

Same

EST Number: R132862640

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
		Code 1	Al.	3		7.000	56.00
23		Code 1	Cu	3		2.500	57.50
23		Code 1	Zn	3		1.250	28.75
23		Code 4	Sample Prep. Cert #4W-1372-SG1 3-GST @ 7 %	3		1.500	34.50 12.00

cheque No 0056

REMARKS

no. 10 days

TOTAL

189.33

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

INVOICE

NO: 30295
DATE: 07-15-94
PAGE: 1 of 1

SOLD TO:

R. Kaltwasser
Box 34
Matheson, Ontario
POKINO

SHIP TO:

R. Kaltwasser
Box 34
Matheson,

GST Number: R132862640

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
2		Code 1	Au	3		7.000	14.00
20		Code 1	Cu	3		2.500	50.00
20		Code 1	Zn	3		1.250	25.00
20		Code 4	Sample Prep	3		1.500	30.00
			Cert #4W-1473-SG1				
			3-GST @ 7 %				8.33

TERMS

Net 30 Days

TOTAL

127.33



CUSTOMER INVOICE SUMMARY/ SOMMAIRE DE LA FACTURE

ACCOUNT NUMBER NUMERO DU COMPTE	MONTH MOIS	DAY JOUR	YEAR ANNEE	AREA REGION	INVOICE NUMBER NUMERO DE LA FACTURE	AMOUNT DUE MONTANT A PAYER
1-5191232	08	05	94	042	8672579 3	13.05

BILL TO/FACTURER A:

KALTWASSER RICHARD
448 9TH AV
MATHESON
POK 1N0

ON

REMIT TO/ENVOYER A:

PUROLATOR COURIER LTD.
P.O. BOX 1100
ETOBICOKE POST STN
ETOBICOKE, ON
M9C 5K2

AS A.M. NEXT MORNING GUARANTEED

INFORMATION: (800) 361-0533

1-5191232 042 8672579 3

(705) 273-2733

CUSTOMER INVOICE DETAIL/DETAIL DE LA FACTURE

REF/B/L NO. REF/NO DE COMM	SERV. DATE DATE DE SERV.	ORIGIN(E)	DESTINATION	PIECES NO DE COLIS	NET WT POIDS	CHARGES/FRAIS			TOTAL CHARGES FRAIS TOTAUX
						CODE		GST/TPS	
9457282375	08/01/94	SCHUMACHER	ONT. MATHESON	1	2 LB	6 C 0	7.65 3.55 1.00	.85	13.05
TOTAL GST CHARGES/TOTAL TPS: .85 GST REGISTRATION NO/ENREGISTREMENT TPS: R104116280									
<i>cheque no 709 (Kaltwasser)</i>									
SEE REVERSE FOR CODE DESCRIPTION/VOIR VERSO POUR DESCRIPTION DES CODES									AMOUNT DUE/MONTANT A PAYER: 13.05

PROD
TXM
TAX
TAXE
4.99
43.99
3.79

LAMIE CO-OP
VAL GAGNE
232-6939 232-6996
GST: R102954914

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
POK 1T0

INVOICE

NO. 30593
DATE 08 22 94
PAGE 1 of 1

SOLD TO:
R. Kaltwasser
Box 34
Matheson, Ontario
POKINO

SHIP TO:
Same

GST Number: R132862640

ITEM NO	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
2	2	Code 1	Au	3		8.000	16.00
2	2	Code 4	Sample Prep Cert #4W-1724--RG1	3		3.000	6.00
23	23	Code 1	Au	3		7.000	161.00
22	22	Code 1	Cu	3		2.500	55.00
22	22	Code 1	Zn	3		1.250	27.50
31	31	Code 4	Sample Prep Cert #4W-1725--RG1 3-GST @ 7 %	3		1.500	46.50
							21.85

paid Sept 9/94 check #

COMMENTS	TOTAL
Net 30 Days	330.85

5933

LORY'S AUTO SERVICE & REPAIR
GST #R123391310
351 Railway Street
MATHESON ONTARIO P0K 1N0
Bus. (705) 273-2031 Res. (705) 273-2771

Deck Kalluwaasar

5th. Cycle

Matheson Cent

1800N NEW YORK HWY 7A

MEMPHIS, TENN.

SERVICES REQUESTED / DESCRIPTION OF WORK		AMOUNT
ILLUMINATION	1100N CHANGNYI	1100N P.K.TECH
		1100N P.K.TECH

12/04 PM 12:4

40-56071 (1)

HOW CHANGING

crustacean chole pull-off.

25

	LITRES/GALS. OF GAS	● _____			TOTAL PARTS	17.58
	LITRES/QTS. OF OIL	● _____			TOTAL LABOUR	40.00
	kg/LBS. OF GREASE	● _____			OUTSIDE REPAIRS	
	TOTAL GAS, OIL & GREASE				GAS, OIL & GREASE	
	PAYD BY	<input type="checkbox"/> CASH <input type="checkbox"/> CHEQUE <input type="checkbox"/> MC <input type="checkbox"/> VISA <input type="checkbox"/> OTHER				
	I hereby authorize the above repair work to be done along with the necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection, or delivery without liability under the Repair and Storage Lien Act as administered on above vehicle.					
	It is also understood that you will not be held responsible for loss or damage to cars or articles left in care of firm, theft or any other cause beyond your control.					
	SIGNATURE			SAVE OLD PARTS: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
	FOR YOUR SAFETY, WE RECOMMEND THE FOLLOWING:					
(MAY BE CONTINUED ON OTHER SHEETS)	TOTAL LABOUR		40.00			
			MINIMUM \$15			

Swastika Laboratories
 P.O. Box 14
 Swastika, Ontario
 POK 1T0

INVOICE

NO. 30800
 DATE 09 19-94
 PAGE 1 of 1

SHIP TO:

R. Kaltwasser
 Box 34
 Matheson, Ontario
 POKINO

Game

GST Number: R132862640

ITEM NO	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
6	Code 1	Au		3		8.000	48.00
1	Code 1	Cu		3		2.500	2.50
1	Code 1	Zn		3		1.250	1.25
6	Code 4	Sample Prep		3		3.000	18.00
		Cert #4W-2138-RG1					
		3-GST @ 7 %					4.89

paid Sep 23/94
Paul Sep 24th
by check

COMMENTS

Net 30 Days

TOTAL

74.64

Swastika Laboratories
P.O. Box 110
Swastika, Ontario
POK 1T0

INVOICE

NO. 30847
DATE 09-23-94
PAGE 1 of 1

SOLD TO:
R. Kaltwasser
Box 34
Matheson, Ontario
POKING

SHIP TO:
Same

TEST Number: R132862640

ITEM NO	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
28	Code 1	Au		3		7.000	196.00
40	Code 1	Cu		3		2.500	107.50
43	Code 1	Zn		3		1.250	53.75
43	Code 4	Sample Prep		3		1.500	64.50
		Cert #4W-2142-SG1					
		3-GST @ 7 %					29.53

*pd. out 5/94
olyne # 076 451.28*

COMMENTS:	TOTAL	451.28
Net 30 Days		

Swastika Laboratories
P.O. Box
Swastika, Ontario
POK 1T0

INVOICE

NO: 31162
DATE: 10-17-94
PAGE: 1 of 1

SOLD TO:

R. Kaltwasser
Box 34
Matheson, Ontario
POKINO

SHIP TO:

Same

*part Oct. 24/94
change pth. label*

GST Number: R102862640

ITEM NO	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
3	1	Code 1	Au	3		7.000	21.00
3	4	Code 4	Sample Prep	3		3.000	9.00
			Cert #4W-2420-RG1				
			3-GST @ 7 %				2.10
COMMENTS:						TOTAL	32.10
Net 30 Days							

Matheson, Ont. POK 1N0, *Nov 2* 19 *24*M *Richard Matheson*
Matheson

IN ACCOUNT WITH

WILSON'S BACKHOE SERVICE

Oct 3.	Stepping				
	9 hrs @ 45.00			405.00	
Oct 4	6 hrs			270.00	
	4 hrs mobilization of equipment to road			240.00	
	Total			915.00	
1924	111261616			64.05	
	Total			979.05	
<p><i>paid mason 7/94</i> <i>depos 0078</i></p>					
<p>TERMS — Net 30 days. Interest at 2% per month charged on overdue accounts</p>					

ADRIANNE ENTERPRISES
MANUAL & COMPUTERIZED ACCOUNTING
 440 8TH AVENUE
 BOX 34
 MATHESON, ONT. POK 1N0
 708-273-3000

KALEY
Box 34
MATHESON, ONTARIO
POKIND

Relevé Statement

NO DE COMPTE
 ACCOUNT NO

DATE

031

Nov 18, 1994

\$ 400.00

MONTANT
 VERSÉ
 AMOUNT
 REMITTED

SVP. DÉTACHEZ ET RETOURNEZ AVEC VOTRE PAIEMENT - PLEASE DETACH AND RETURN WITH YOUR PAYMENT

DATE	FACTURE INVOICE	DESCRIPTION	DEBITS CHARGES	PAYMENTS PAIEMENTS	SOLDE BALANCE
Nov. 18, 1994	031	Typing - Computer Processing Report 16 Hours @ 25.00/hr	400.00		400.00
		Paid. November 24, 1994 in full			
	COURANT/CURRENT	30 JOURS/DAYS	60 JOURS/DAYS	90 JOURS/DAYS	MONTANT DU/MOUNT DUE
	400.00	-	-	-	400.00.



Ontario

Ministry of
Northern Development
and MinesReport of Work Conducted
After Recording Claim

Mining Act

Amended

Transaction Number

W9460.00242

2.158.67

Personal information collected on this form is obtained under the authority of the MI
this collection should be directed to the Provincial Manager, Mining Lands, Mini
Sudbury, Ontario, P6E 6A5, telephone (705) 670-7204.

42A07SE0003 2.15867 TIMMINS

900

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of mining assessment work.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) DAVID DENARSHI	Tel. 905-273-2133 (R. F. KALTWASSER claim 18954)	Claim No. 185156
Address 11 Bruce St. South Porcupine Ont. P6N1H0		Telephone No. 235-3888
Mining Division Porcupine	Township Shroton - Porcupine Twp.	MI or M.P. No.
Date Work Performed June 27th 1994	To Oct. 5th 1994	

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	Geotechnical "Art. Survey", Mag. & Gravity Survey, for mining, etc.
<input type="checkbox"/> Physical Work, including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 10,586.-

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
RICHARD F. KALTWASSER	Box 34, Matheson, Ont. POK1N0
Chris Anthony	RR#2 Matheson, Ont. POK1N0
John Marc Lessard	Box 37, Val-Gasco, Ont. POK1N0

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Dec. 14th 1994	Recorded Holder or Agent (Signature) Richard F. Kaltwasser
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------	----------------------------------------------------------------------

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and entered report is true.		
Name and Address of Person Certifying Richard F. KALTWASSER Box 34, Matheson, Ont. POK1N0		
Telephone No. 773-2733 or 3066	Date Dec. 14th 1994	Certified by (Signature) Richard F. Kaltwasser

For Office Use Only

Total Value Cr. Recorded \$1,637.	Date Recorded	Mining Recorder Jerry White Signed but not dated	Received Stamp RECEIVED (F) DEC 14 1994 1st Rec'd Dec 5/94 FIB MINING DIVISION
	Deemed Approval Date MAR. 5, 1995	Date Approved	
	Date Notice for Amendments Sent		

[illegible]

Value of Assessment When Due on this Claim	Value Applied to this Claim
6000.-	1000.-
	1000.-
	1000.-
	1000.-
	1000.-
	1000.-
2,947.-	400.-
	1200.-
1100.-	800.-
300.-	300.-
237.-	
10,584.-	8,700.-
Total Value Work Done	Total Value Work Applied

Video Acquired From the Cuban	Reserve Amount to be Cleared at a Future Date
6000.-	2
	2
	2
	2
	2
1600.-	1347.-
1000.-	2
800.-	308.-
500.-	2
232.-	232.-
9,582.-	1,884.-
Total Acquired From	Total Reserve

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☒ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Abstract

Signature Richard F. Kattman

1

Dec. 18/94



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins
du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9460.00242

W 9460.00261

2. 15867

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, 4th Floor, 180 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7284.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adressez toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 180, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7284.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'œuvre	2341.	
	Field Supervision Surveillance sur le terrain	4500.	6841
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Backhoe mach.	979.	
	ardime Enterprises	400.	
	Computer Printout - Photo-copying		7379
Supplies Used Fournitures utilisées	Type Chain - field book		
	dry type sample Bags - Batteries	114.	
	analyses - assays	1302.	
			1416
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs		9636.	

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type Travel to - from Job Site	2304.	
	Repairs 1/2 ton	497.	
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			

Sub Total of Indirect Costs
Total partiel des coûts indirects

Amount Allowable (not greater than 20% of Direct Costs)
Montant admissible (n'excédant pas 20 % des coûts directs)

Total Value of Assessment Credit
(Total of Direct and Allowable
indirect costs)

Value totale du crédit
d'évaluation
(Total des coûts directs
et indirects admissibles)

11563 N

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Held. of 50% I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Value totale du crédit d'évaluation
x 0.50

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le résultat des dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de Recorded Holder je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature Richard H. Kellner Date Dec 2nd/1994

Note : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



Ministry of
Northern Development
and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W9460.00261

2.15867

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 180 Cedar Street, Sudbury, Ontario, P0E 6A5, telephone (705) 675-7804.

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) DAVID DEMARCHI (R.F. KALTWASSER CL. NO. 150591)	Claim No. 125156
Address 11 River St. South Porcupine Ont. P0N 1H0	Telephone No. 235-3888
Mining Division Porcupine	Min. or S. Plan No.
Date Work Performed From: OCT. 2ND 1994 To: OCT. 5TH 1994	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
<input checked="" type="checkbox"/> Physical Work, including Drilling	Mechanical Drilling (tramping)
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ **978.00**

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Richard F. KALTWASSER	Box 34 Matheson, Ont. P0K 1N0
Wayne Wilson	Box 458 Matheson, Ont.

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Dec. 14/94	Recorded Holder or Agent (Signature) Richard F. Kaltwasser
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------	----------------------------------------------------------------------

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Richard F. KALTWASSER Box 34, Matheson Ont. P0K 1N0		
Telephone No. 273-4922 or 2066	Date Dec. 14/94	Certified by (Signature) Richard F. Kaltwasser

For Office Use Only

Total Value of Recorded \$300	Date Recorded MAR. 5, 1995	Mining Recorder Jay White Signed but not dated	Received DEC 14 1994 1st Rec'd 3:15 PORCUPINE MINING DIVISION
Deemed Approval Date		Date Approved	
Date Notice for Amendments Sent			

0001 (0000)

Total Number
of Claims

Number of Claims	Claim Number and Name of Claimant	Work Done on the Claim
2	2.15867	P-1156184 P-1175439

Total Value Work
DoneTotal Value
Work Applied

Value of Work Done on the Claim	Value Applied to the Claim
978 -	678 -

Total Applied
Fees

Total Amount

Value Applied to the Claim	Amount Paid to the Claimant
978 -	978 -

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- ☒ Credits are to be cut back starting with the claim listed last, working backwards.
- ☐ Credits are to be cut back equally over all claims contained in this report of work.
- ☐ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature <i>Richard F. Halman</i>	Date Dec 14/94
---------------------------------------------------------------------------------------------------------------------------------	---------------------------------------	-------------------

004400.00261



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W946.00242

W 946.00261

2.15867

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7284.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7284.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'œuvre	2341.	
	Field Supervision Supervision sur le terrain	4500.	6841
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Backhoe mach.	979.	
	Ordinaire Enterprises	400.	
	Computer Prices - Photo-copying		7399
Supplies Used Fournitures utilisées	Type Chain - field book		
	Shy type Sample Bags - Bulk Herms	114.	
	Analyses - assays	1302.	
			1416
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			9636

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Two Travel to - from Job Site	2304.	
	Repairs 1/2 ton	497.	
Feed and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			2801
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			1927
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			11563
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			11563

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Holder of 50% I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Remission pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	x 0.50 =
--------------------------------------	----------

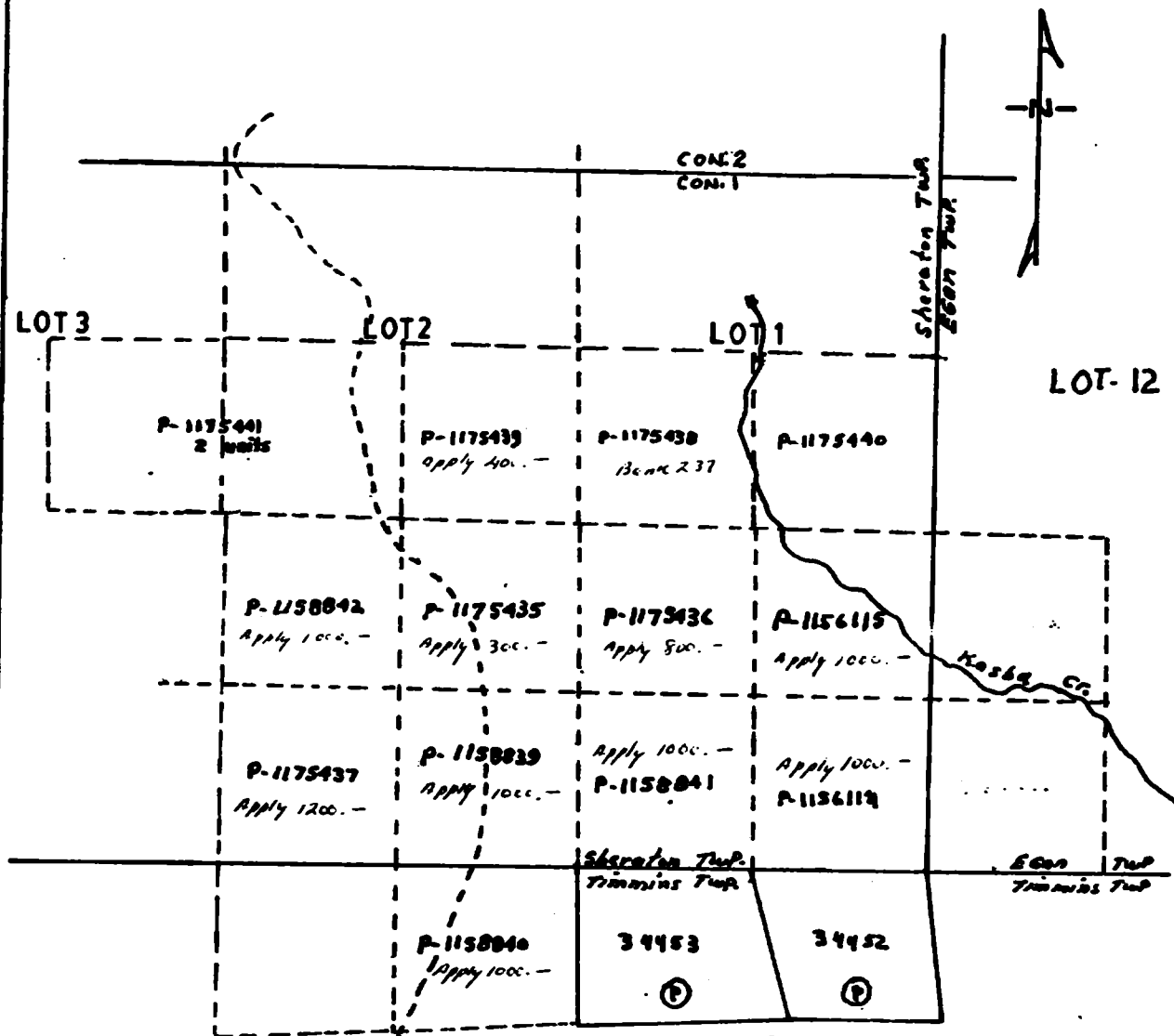
Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont les montants des dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de Procureur Minier je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature Richard A. Kallman Date Dec 2nd / 1994



Tobiasville
Kasba Cr.
Kasba Cr.

2.15867

RECEIVED
FEB 17 1995
MINING DIVISION

PROPERTY PLAN
Showing Claim Group
Egon-Sheraton-Timmins Twp.
Province of Ontario
Scale 1" = 1/4 mi (1320')

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

February 21, 1995

Our File: 2.15867
Transaction #: W9460.00242
W9460.00261

Mining Recorder
Ministry of Northern Development
and Mines
60 Wilson Avenue
1st Floor
Timmins, Ontario
P4N 2S7

Dear Mr. White:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS
P-1156114 IN SHERATON TOWNSHIP**

Assessment work credits have been approved as outlined on the attached distribution of work credit form. The credits have been approved under Section 9 (Prospecting), Section 10 (Physical), Section 13 (Geochemical), Section 14 (Geophysical) and Section 17 (Assays) of the Mining Act Regulations.

The approval date is February 17, 1995.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5858.

ORIGINAL SIGNED BY:



Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

SBB/jl
Enclosure:

cc: Resident Geologist
Timmins, Ontario

✓ Assessment Files Library
Sudbury, Ontario

DISTRIBUTION OF WORK CREDIT

Please note, the assessment credit has been distributed to reflect the value of work performed on each claim.

FEBRUARY 21, 1995

FILE: 2.15867

TRANSACTION # W9460.00242

CLAIM	VALUE OF ASSESSMENT WORK DONE
P-1156114	\$6,000.00
P-1175436	\$1,100.00
P-1175435	\$ 300.00
P-1175438	\$ 237.00

TOTAL	\$7,637.00

FILE: 2.15867

TRANSACTION # W9460.00261

CLAIM	VALUE OF ASSESSMENT WORK DONE
P-1156114	\$300.00

TOTAL	\$300.00

Description	Order No	Date	Disposition	File
(b1)	W 68, 77	4/8/77	S R O	17719
(b2)	NWR 16, 82	10/11/82	S R & MR	
(b2)	NWR 41/83	22/06/83	S R & MR	

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 RECORDS MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS ABOVE SHOWN.

TIMMING TOWNSHIP

PROPERTY AND BOUNDARY
 OTHER RECORDS
 1. ALL EYED LINES
 2. GROUPS OF LINES
 3. VOTES, MOUNTING LINES, PARALLEL LINES
 4. UNSUBMITTED LINES
 5. LOT LINES
 6. PARALLEL BOUNDARY
 7. MINIMUM LINES
 8. RANGE AND RIGHT OF WAY
 9. UTILITY LINES
 10. PERMANENT STREAM
 11. SECTION OF FLOODING RIGHTS
 12. DIVISION OF COMPOSITE PLAN
 13. SECTION LINES
 14. ORIGINAL SECTION
 15. MARSHOR MOUNTING
 16.

TYPE OF DOCUMENT		DATE
PATENT SURFACE & MINING RIGHT
SURFACE RIGHTS ONLY
MINING RIGHT ONLY
SURFACE & MINING RIGHT
SURFACE RIGHTS ONLY
MINING RIGHTS ONLY
LICENCE OF OCCUPATION
ORDER IN COUNCIL
RESERVATION
CANCELLED
SANDB & GRAVEL

NOTE MINING RIGHT IN PARCELS PATENTED PRIOR TO MAY 1913 VESTED IN ORIGINAL PATENTEE OF THE MINERAL LANDS ACT 1911 (CHAP. 3) S. 43 SUBSECT.

Metres 0 1000

Chaine 0 10 20 30 40 50 60 70 80 90 100

Feet 500 0 1000 3000 4000

SCALE 1:20 0.0

NOTES

THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1994/95
FURTHER INFORMATION ON FILE

(c) THIS ITEM IS SUBJECT TO FOIA ACTIVITY IN 1994/95
FOR THE INFORMATION AVAILABLE ON FILE

2.15867

RECEIVED
FEB 17 1995

12WNS

SHERATON

M N R ADMINISTRATIVE DISTRICT

TIMMINS

CRCUPINE

4. TITLE / REGISTRY DIVISION

COCHRANE



Ministry of Natural Resources	Ministry of Northern Development and Mines
-------------------------------------	--------------------------------------------------

CA BY AL Oct 28 46

G-3971

B.L.NO.1

L7W

L6W

L5W

L4W

L3W

L2W

L1W

L0

L1E

L2E

L3E

L4E

L5E

L6E

L7E

L8E

L9E

L10E

L11E

B.L.NO.1

L1156116

L1156117

B.L.OFFSET

LOT 12

SHEET NO.2

LEGEND

- CLAIM LINE-POST
- PATENT SURFACE RIGHTS ONLY
- SWAMP
- BEAVER POND
- CREEK
- ROAD
- SLOPE OR HILL OUTLINE
- EDGE OF SWAMP
- GEOCHEMICAL SOILS
- GRAB SAMPLES-ROCK
- BASE CONTROL STATION
- ZINC P.P.M.
- ZINC OUTLINE

LOT 3

KEY MAP

SHERATON EGAN

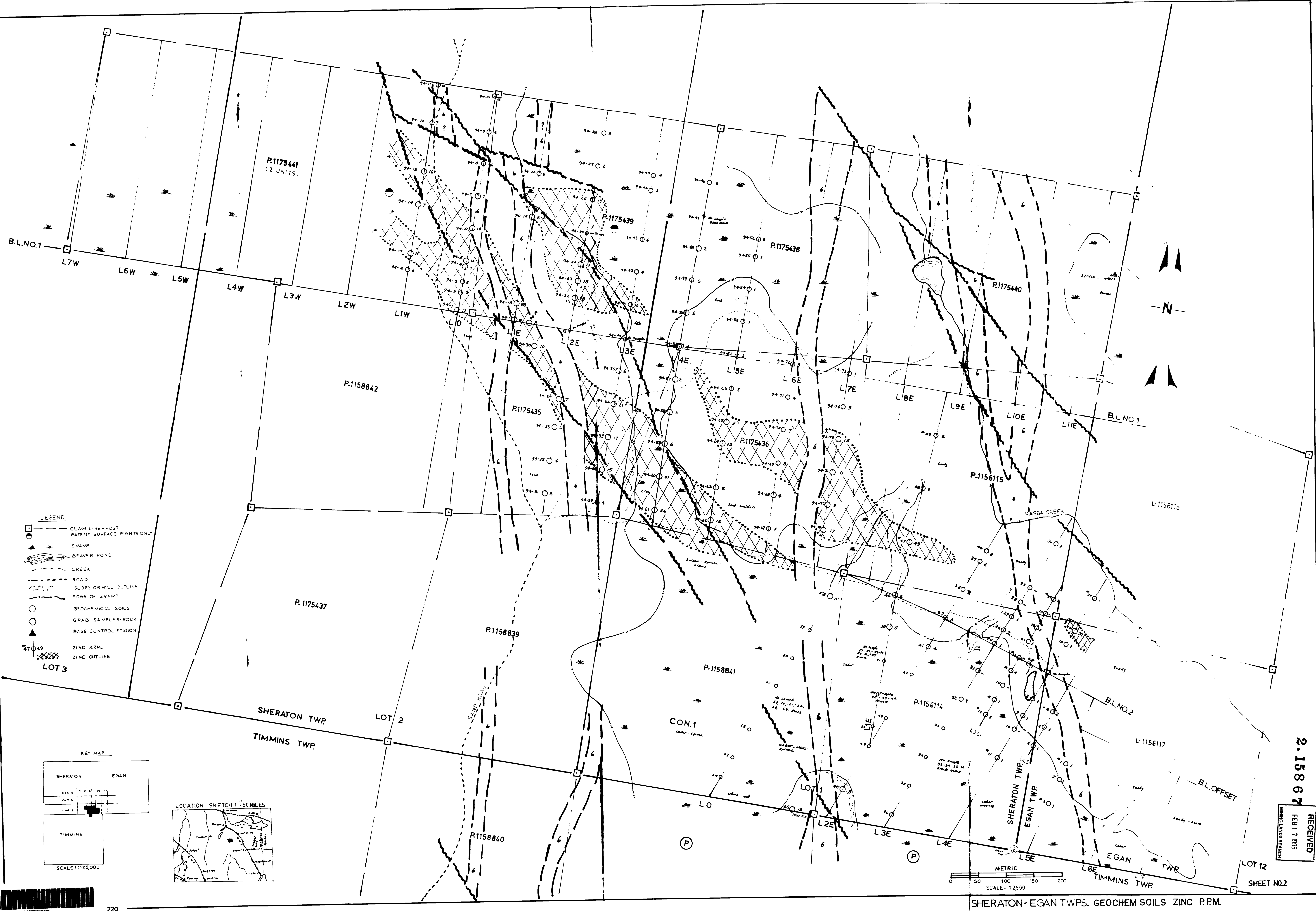
TIMMINS

SCALE 1:125,000

LOCATION SKETCH 1:50 MILES

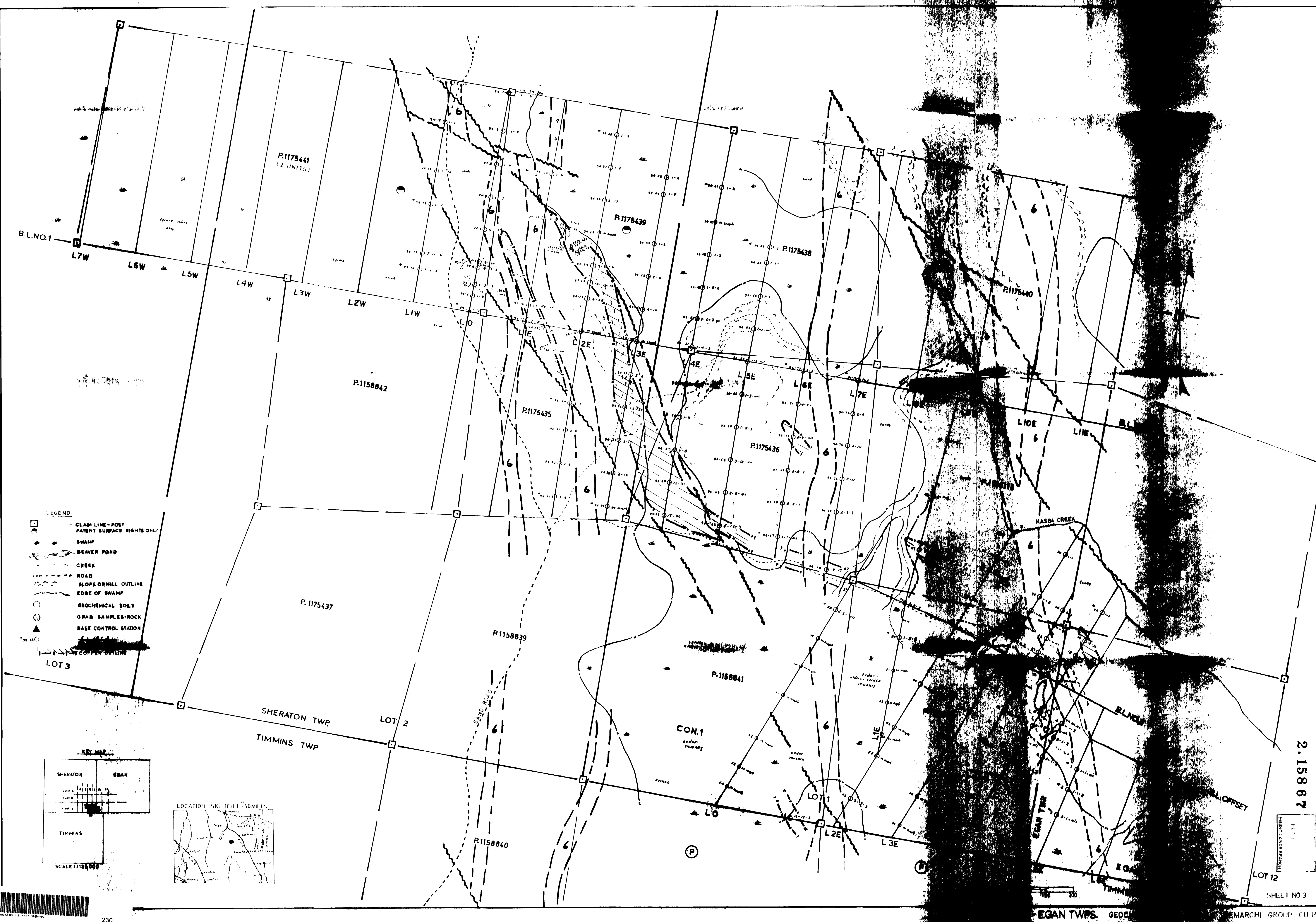
220

4047SERIES 2.15867 TIMMINS



2.15867
RECEIVED
FEB 17 1995
MINING LANDS BRANCH

SHERATON-EGAN TWPS. GEOCHEM SOILS ZINC P.P.M.

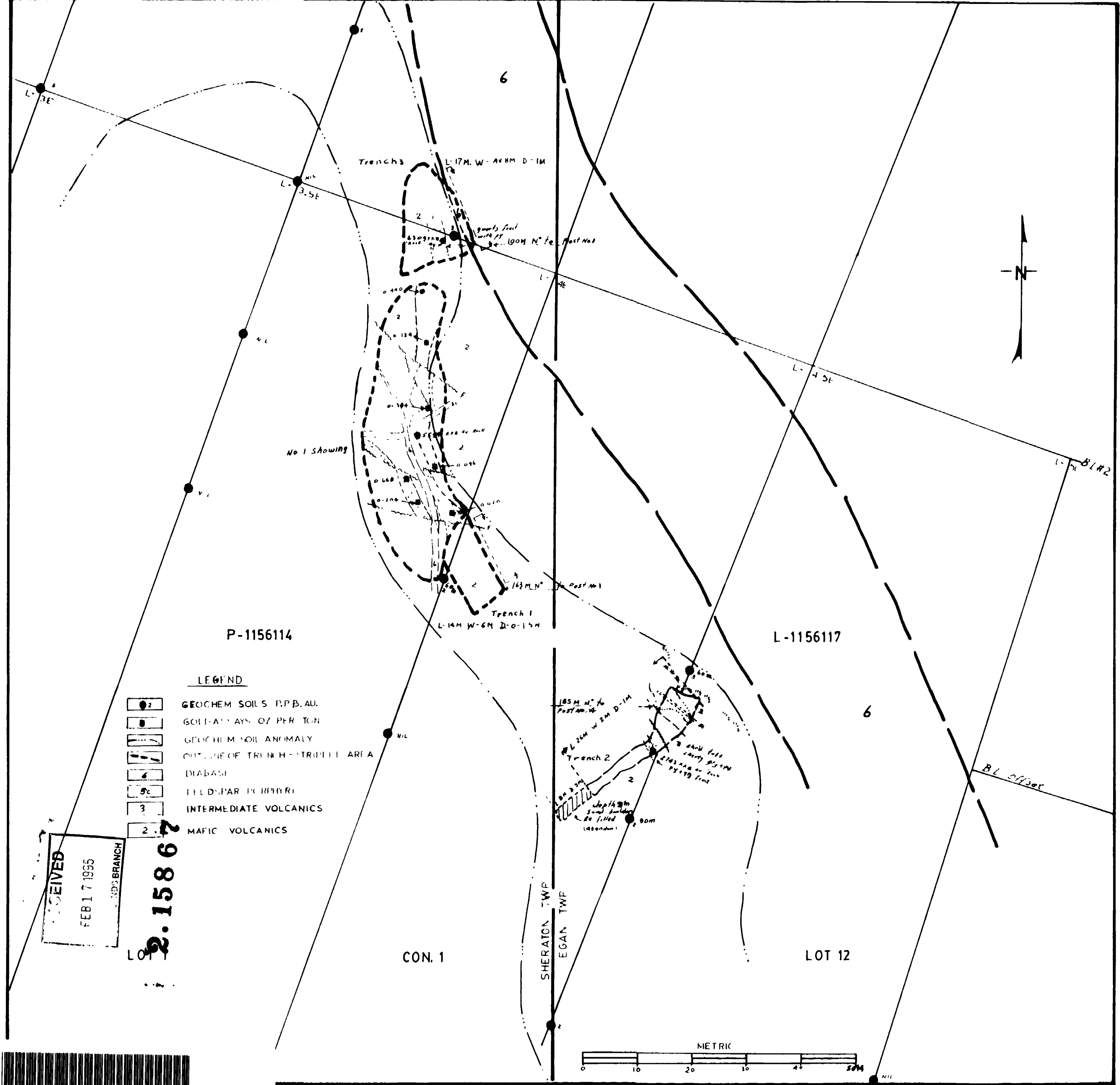




RECEIVED
FEB 17 1995
BRANCH

2.15867

SHERATON-EGAN TWP. GEOCHEM. SURVEY SOIL SAMPLE LOCATIONS

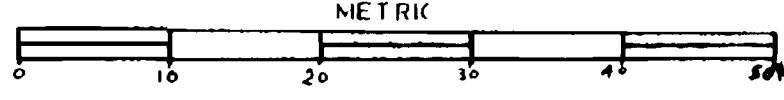


LEGEND

- 2 GEOCHEM SOILS P.P.B.AU.
- 3 GOLD ANALAYS OZ PER TON
- 5c GEOCHEM SOIL ANOMALY
- 2 OUTLINE OF TRENCH-TRIPPLE AREA
- DIABASE
- 5c FELDSPAR PORPHYRY
- 3 INTERMEDIATE VOLCANICS
- 2 MAFIC VOLCANICS

RECEIVED
FEB 17 1995
NDP BRANCH

2.15867



SHERATON-EGAN TWPS. TRENCHING PLAN DEMARCHI GROUP



P.1175441
"2 units"

P.1175439

LOCATION 110m East of Post No. 1
14m North of Trench 4

TRENCH-4

abandoned
10m filled
over burden 3m
Sand large boulders
Length 8m, width 2m
Depth 2m

TRENCH-6

Specular Hematite
Stockwork of white g/s vns
8" 4" wide strike @ 285°, dip 65° W
minor py + calc + ag
Length 13m, width 8m, Depth 1-2m
Location 45m W of Post No. 2
70m north to Trench 6

TRENCH-5

white g/s vns
2-3 strike 285°, dip 65° W
ch. sch
str. rdr
Length of trench 18m, width 3m
Depth 1m
Location 50m north of Post No. 2
25m west of claim line
to Trench 5

TRENCH-7

white g/s vns
stockwork in
1m white weathering ore
strike 285°, dip 65° W
Length 13m, width 5m, depth 0.5m
Location 50m north of Post No. 2
11m west of claim line
to Trench 7

LEGEND

- [●] GEOCHEM SOILS P, P, B, AU
- [■] GOLD ASSAYS OZ, PER TON
- [---] GEOCHEM SOIL ANOMALY
- [---] OUTLINE OF TRENCH-STRIPPED AREA
- [■] DIABASE
- [SC] FELDSPAR PORPHYRY, LAMPROPHYRE SF
- [3] INTERMEDIATE VOLCANICS
- [2] MAFIC VOLCANICS

LOT 2

CON.1

RECEIVED

FEB 17 1995

MINING LANDS BRANCH

L-0 +00

Post 2 Post 3

L-1E

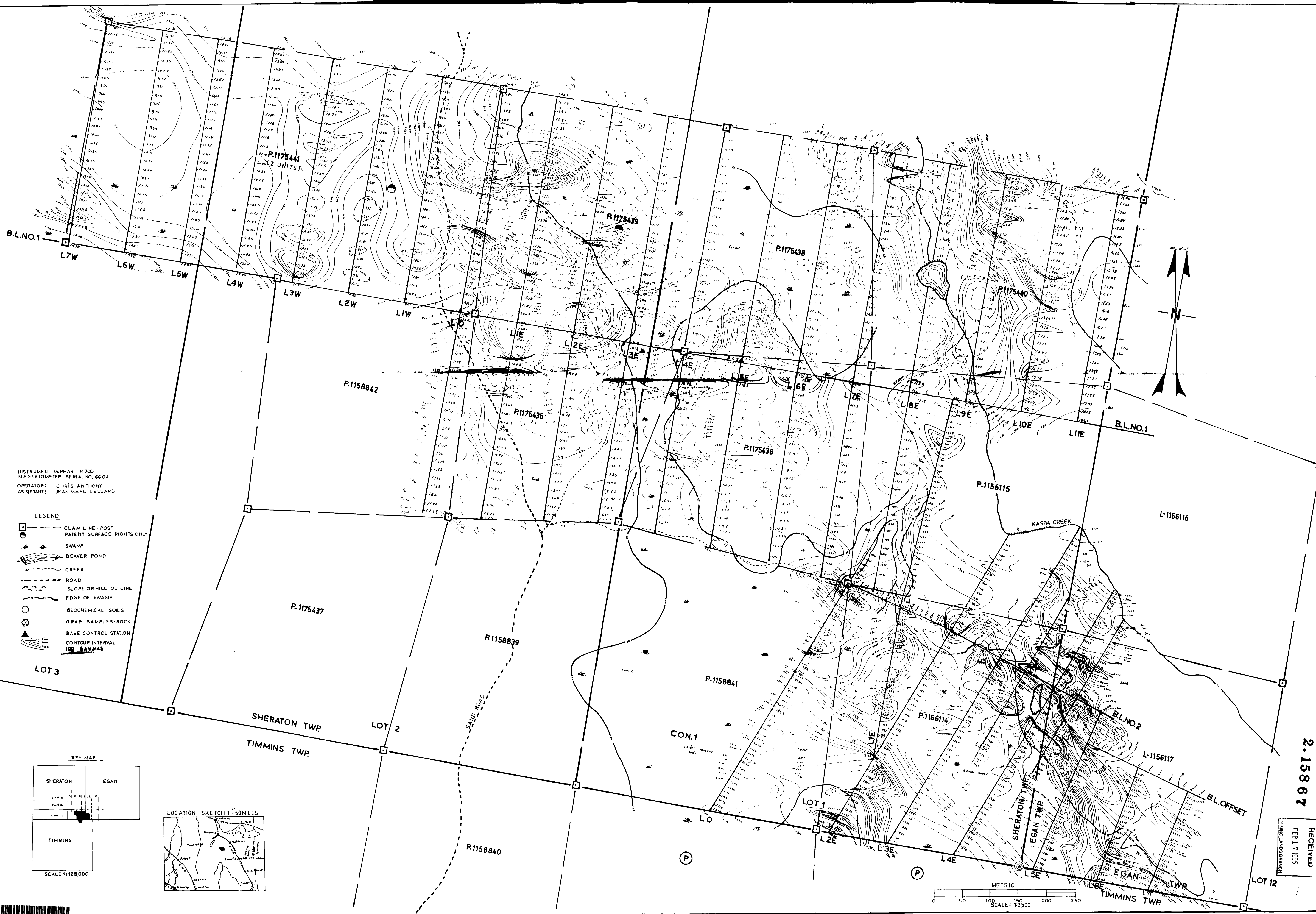
NO.1 BASE LINE

0 10 20 30 40 50M.
METRIC

SHERATON TOWNSHIP TRENCHING PLAN DEMARCHI GROUP



42A078E0003 2 16887 TIMMINS



INSTRUMENT: MAPHAR M700
 MAGNETOMETER SERIAL NO. 6604
 OPERATOR: CHRIS ANTHONY
 ASSISTANT: JEAN MARC LESSARD

- LEGEND**
- CLAIM LINE - POST PATENT SURFACE RIGHTS ONLY
 - SWAMP
 - BEAVER POND
 - CREEK
 - ROAD
 - SLOPE OR HILL OUTLINE
 - EDGE OF SWAMP
 - GEOCHEMICAL SOILS
 - GRAB SAMPLES - ROCK
 - BASE CONTROL STATION
 - CONTOUR INTERVAL 100 METERS

LOT 3

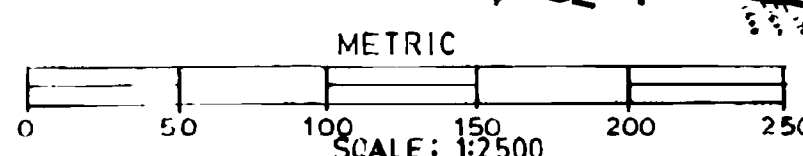
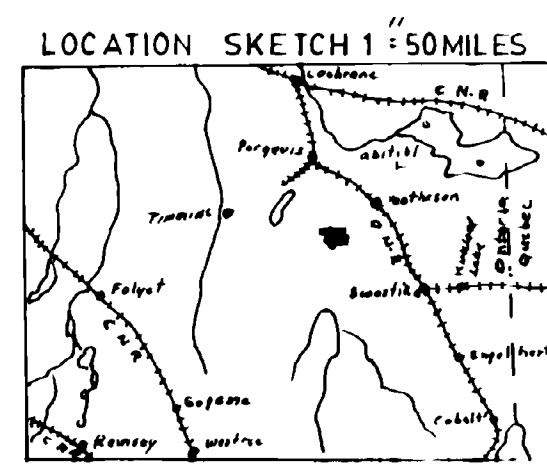
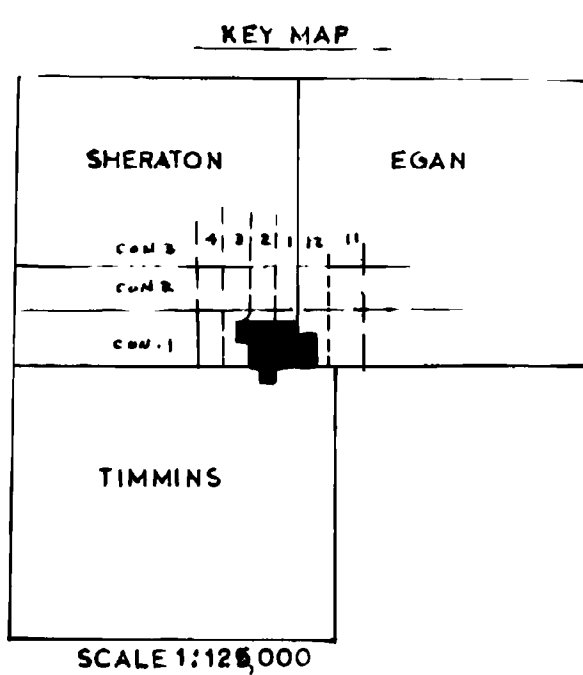
SHERATON TWP.
 TIMMINS TWP.

LOT 2

CON.1

LOT 1

LOT 12



SHERATON - EGAN TWP.S. MAGNETOMETER SURVEY PLAN DEMARCHI GROUP

2.158 67

RECEIVED
 FEB 17 1995
 MINING LANDS BRANCH

