

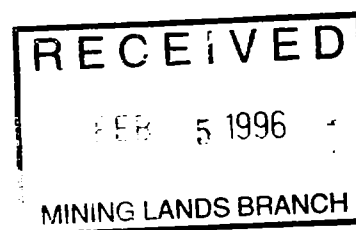
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CLARENDON TOWNSHIP ZINC-GOLD OCCURRENCE

NTS 31 C / 15

2.16406



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Qual. # 2.2715



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Clarendon Township Zinc Occurrence

Summary-

Exploration for zinc and gold potential on claim groups 1191457 and 1191458 was done from January to April, 1995.

Exploration consisted of geological surveys, VLF electromagnetic surveys, proton magnetometer surveys, rock sampling, and basal till geochemical sampling. A total of 41 rock samples were taken and 109 till samples were taken. The till sampling program was done in three phases during March and April.

A total of nine anomalous trends were outlined by the surveys; eight of which have significant zinc responses and one with significant gold responses.

The proton magnetometer survey was useful in delineating most of the zones; especially in areas which were overburden covered.

The geological survey was useful in delineating structural and stratigraphic controls of the mineralized zones. Most of the zinc anomalies are found within marble units at the contact with clastic metasediment (paragneiss) units. Some zones are in contact with gabbro dyke units. It is thought that the zinc in the Grenville has an exhalative-amphibolite origin. Alteration indicators for zinc are: cordierite, anthophyllite, and silliminite.

Till sampling has been useful in delineating the zones, and was used in locating at least four of the zones.

Regional geology has indicated zinc anomalies associated with one specific marble-paragneiss horizon which has been traced for at least 1400 meters length. This zone has potential for greater extensions in both directions. On the property there are at least three parallel zones with both massive and disseminated sulphides.

Further exploration is warranted. This consists of detailed geology; specifically to detect the association between the zinc and type of carbonate metasediment the zinc sulphides are associated with. Also, detailed till sampling is necessary to delineate several of the zones in areas of deep overburden cover; particularly in the central sections of the property.

Introduction-

The property consists of ten contiguous mining claims in two groups, and covers some two hundred and eighty hectares in the central section of Clarendon Township in Southeastern Ontario (NTS 31C/15).

The property is underlain by Proterozoic carbonate and clastic metasediments which contain gold and zinc values.

Previously, exploration was conducted over gold-bearing quartz-tourmaline veins. All of the gold occurrences (Boerth Mine, Webber Occurrence, and James Occurrence) occur on the north limb of the Fernleigh Syncline, which is steeply overturned to the southeast. The quartz veins are structurally controlled (tension faults) along marble-metaclastic contacts which have undergone intense deformation, and vary from 0.3 to 3.0 meters in width. The Boerth Mine produced some thirteen ounces of gold during 1900. These occurrences are in line of strike along the same contact area, and are separated by a distance of approximately 1600 meters.

The property is presently being explored for the zinc potential as several significant zinc anomalies and occurrences have been found on adjacent properties along a stratigraphically controlled marble-metasediment contact. Carter from the ODM has expressed that this contact area has potential for a zinc deposit with significant tonnage potential and that exploration in this area is warranted.

Zinc anomalies located some 200 meters to the north of the gold-bearing zones, and have been traced for a distance of at least 1400 meters.

Recent prospecting has uncovered zinc values along the same contact area as the initial discovery; some 1400 meters to the northwest. Prospecting to the west has also delineated surface expressions of zinc-bearing material at least for another 600 meters. All of these zinc showings lie along the same marble-paragneiss contact.

Exploration for zinc has been limited in the area covered by the claim group. There is potential for a large deposit with significant zinc values. Significant zinc values have been found at either end of the property but exploration has been made difficult by swamp overburden cover in the mid-sections. It is thought that these areas are in line of strike with each other and along the same stratigraphic contact. Till sampling surveys have proven to be adequate prospection tools as several zinc anomalies on adjacent properties to the east have been outlined by this method. A sampling program using basal till sampling in the overburden covered areas and channel sampling in the rock-outcropping areas has been proposed along with a detailed geological survey in the vicinity of the marble-metasediment contact area.

Location & Access-

The property is located some 400 kilometers east of Toronto or 113 kilometers southwest of Ottawa, and lies in the north-central portion of Clarendon Township. It is some 2.0 kilometers west-northwest of the village of Ardoch, or 1.2 kilometers east of the hamlet of Fernleigh.

The property can be accessed by road north from Highway # 401 at Napanee or Kingston exits north to Highway # 7.

From Napanee, Highway # 41 is taken for some 69.0 kilometers north to Kaladar, and then some 20.5 kilometers north of Kaladar on Highway # 41 to Highway # 506. East on Highway # 506 for 24.2 kilometers to the Swaugers Lake Concession Road and north for some 1.5 kilometers to the south boundary of the property. The east section of the property can be accessed by taking Highway # 506 for another 4.8 kilometers east of the Swaugers Lake Concession Road to a bush road (0.5 kilometers north of the Ontario Hydro Powerline). The east boundary is some 0.8 kilometers west of Highway # 506 by taking either the bush road or the powerline.

From Kingston, Highway #38 (Harrowsmith exit) is taken north to Sharbot Lake and for another 9.0 kilometers north to the Ardoch Road which is followed for 25.9 kilometers to the junction with Highway # 506. From the junction, Highway # 506 is taken for some 1.6 kilometers north to the powerline or some 2.1 kilometers north to the bush road. The bush road is presently used for timbering trucks ; timbering presently conducted up to the east boundary of the property.

Property Status-

The property was recorded on August 5, 1994 and has a two year period before work has to be filed for extension of time. The property consists of two contiguous groups of mining claims (ten claims in total) numbered 1191457 and 1191458; and are situated in the central section of Clarendon Township (covering Concessions 8 & 9, and Lots 28 to 31). The claims cover an area of approximately 280 hectares.

On April 10, 1995, another group numbered 1191459 totalling some 35 hectares was recorded as it covers the main marble-paragneiss contact in two of the zinc-bearing horizons are located.

Exploration History (Property & Surrounding area)-

1899-1901- Boerth Mine sunk two shafts to 37.0 meters (inclined @ 65 degrees) and 10.6 meters (vertical) depths with 16.2 meters of drifting on the 23 meter level. The shafts are approximately 49 meters apart. A 10 ton stamp mill erected (30 meters west of adit), and 13.0 ounces of gold produced (MNR Files, Toronto).

1901-1915- A 30 meter adit sunk some 540 meters east of the shaft area, with a 4.6 meter pit sunk above the adit (A.C.A.Howe, 1964). Two other shafts, 12.1 meters and 7.6 meters depth sunk between the other shafts and the adit.

1915- Stamp mill taken down.

Pre 1949- shaft sunk on James Occurrence by unknown operator

1949-1951- Ontario Dept. of Mines mapped Clarendon - Dalhousie area.

Pre 1951- Webber shaft sunk to approximately 5 meters , and 61 meter trench sunk along the vein system (on claim 1191458).

1952- 167 meters diamond drilling on the Boerth gold zone by B. Robson.

1952- Stratmat Limited drilled three holes totalling 166.2 meters east of Swaugers Lake; assays unknown.

1956- Smith of ODM mapped the area (Map 1956-4).

1963-1969- Ganda Silver Mines Ltd. had program of geological mapping and sampling. Some 2150 meters of diamond drilling of Boerth gold veins in forty-seven drill holes; six of which were put under the Webber showing (totalling 321 meters). Gold-bearing veins were uncovered in an area over 600 meters in length and 90 meters in width; covering the Boerth Mine and the Webber showing.

1969- Hewitt of ODM mapped the area (Map 2053).

1971- Regional geology by Sanford & Baer (1:1,000,000) (Map 1335A)

1976- ODM and GSC lake sediment sampling program over James Lake and Little Green Lake detected Cu and Zn soil anomalies.

1978-1979- St. Joe Minerals Limited performed geological mapping and soil sampling on James Lake property to the east of the property; no values were observed.

1980- T.Carter of OGS sampled the Boerth Mine area (80TRC samples) and observed significant As, Au, Ag, Sb, and Zn values. A zinc showing was observed under the powerline along the south boundary of the claim group although no values are recorded. Carter mapped the Boerth Mine area in detail.

1980-1982- OGS mapped Clarendon Township area (Pauk & Mannard).(scale 1:15,840) (OFR report 5381).

Selco Mining Corporation performed electromagnetics and drilled a 41.8 meter hole, Three soil anomalies for zinc outlined. Two trenches were sunk over one of these zones (Green Lake Zone). Limited geological and soil sampling over the Boerth - Webber area.

1980- Carter (ODM) reported zinc and gold values from two pits / shafts some 150 meters northeast of the Boerth Mine.

1984- Roger Young drilled 120 meters on sillimanite deposit with 1.1 grams per ton Au.

1984- Kenting Earth Sciences Limited performed airborne magnetics at scale 1:20,000.

1985- OGS (P.S. Barron) compiled data on Boerth & Webber showings.

1986- ODM (Carter & Pauk) completed detailed geological mapping.

1987- Stephen Black evaluated silliminite gneiss deposit under OMDA grant for industrial potential to the east of the property.

1987- Excalibur International Consultants Inc. (Ardoch Syndicate) cut a grid over the south portion of the claims (below power line), and ran induced polarization geophysics, VLF electromagnetics, and magnetics. Some lines were run on the east section of the property. They also carried out soil geochemistry for gold over induced polarization anomalies.

1988- Steve Hill drilled twelve diamond drill holes to test six gold-bearing soil and geophysical anomalies. These were drilled north-south; paralleling strike of the gold-bearing veins.

1988- Aurochs Societe d'Exploration Miniere Inc. optioned the property from Steve Hill. The company performed geological mapping and localized electromagnetic-magnetometer surveys.

1989- Homestake Mineral Devt. Co. carried out geological , geophysical (magnetics and VLF electromagnetics), soil sampling programs, and trenching.

1992- F.Ford (Carleton University Thesis) mapped the Sunday Lake area to the east of the property.

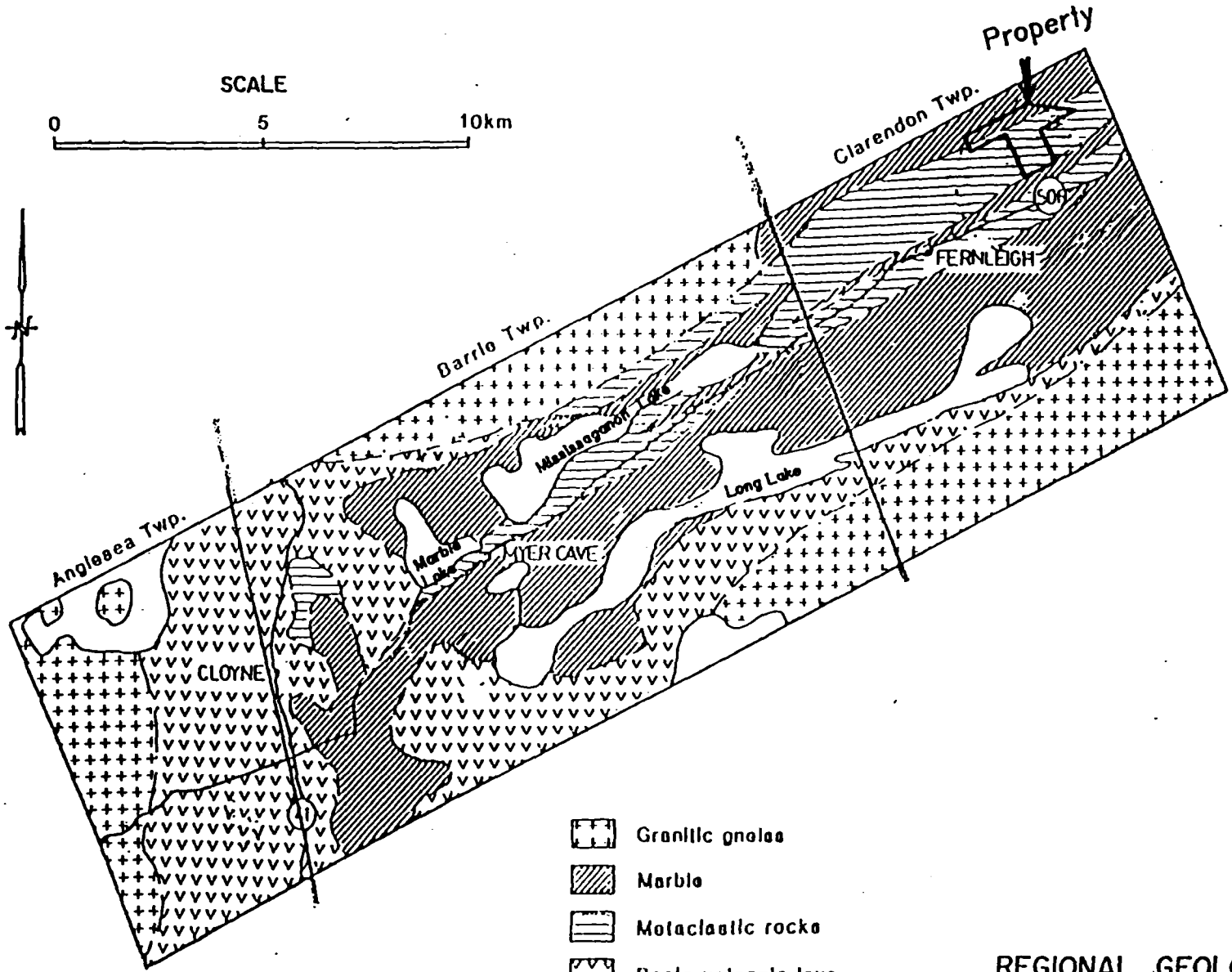
1992-1993- Brian Christie channel sampled pre-existing trenches on James Lake property.





Regional Geology-

Clarendon Township lies within the Central Metasedimentary Belt and is dominated by Grenville Supergroup of late Precambrian (Proterozoic) rocks. The Grenville Supergroup is made up of older metavolcanic and metasedimentary rocks of the Hermon and Mayo Groups and by younger metasedimentary rocks of the Flinton Group which rest unconformably (Pauk, 1987) on the older supercrustal rocks in a narrow northeasterly trending structure in the central portion of the township. This structure is known as the Fernleigh Syncline which plunges 8-10 degrees to the northeast.

All of the units have undergone late Precambrian metamorphism (almandine-amphibolite facies).

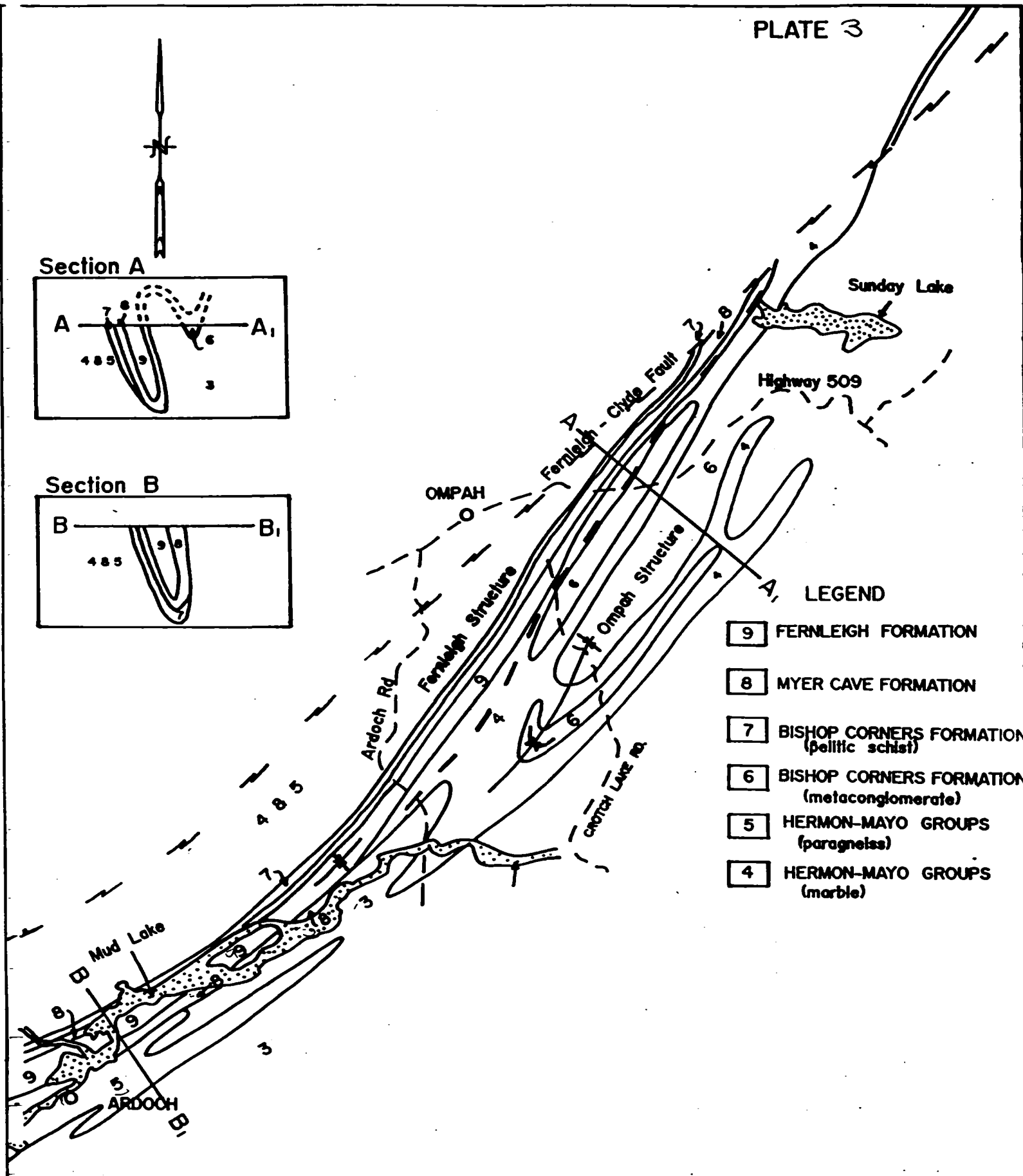
Pauk (1987) indicates at least two episodes of post- Flinton Group deformation of folding; causing northeast trending synforms and antiforms.



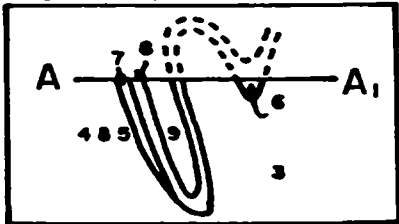
-  Granitic gneiss
-  Marble
-  Metaclastic rocks
-  Basic volcanic lava, amphibolite

REGIONAL GEOLOGY
WEST SECTION

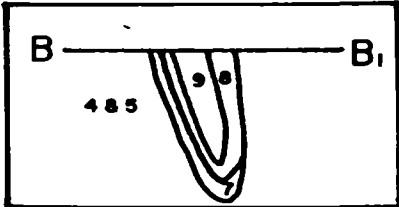
Richard



Section A



Section B



LEGEND

- 9 FERNLEIGH FORMATION
- 8 MYER CAVE FORMATION
- 7 BISHOP CORNERS FORMATION (pelitic schist)
- 6 BISHOP CORNERS FORMATION (metaconglomerate)
- 5 HERMON-MAYO GROUPS (paragneiss)
- 4 HERMON-MAYO GROUPS (marble)

REGIONAL STRUCTURAL GEOLOGY



L. Paik

LEGEND

- PRECAMBRIAN**
 Grenville Supergroup - Clinton Group -
 9 Fernleigh Formation : Biotite-carbonate schist
 8 Myer Cave Formation : Garnite & pyrite schist; marble & calcasite; metaconglomerate; pelitic schist & pyrite & graphitic
 7 Bishop Corners Formation : Undivided pelitic schists & muscovite & quartz & biotite & plagioclase & garnet & staurolite & cyanite & sillimanite; calcareous quartzite, calcitic marble; conglomerate; hornblende biotite plagioclase & carbonate schist - unconformity -
 Metamorphosed Mafic Intrusive Rocks
 6 Gabbro, diorite; Biotite-bearing
 - Invasive Contact -
Metasediments
 5 Clastic Metasediments : calcareous sandstone; lithic sandstone; siliceous sandstone; undivided & muscovite & biotite
 4 Carbonate Metasediments : undivided marble and dolomitic marble & quartzite & hornblende-biotite - plagioclase - carbonate gneiss & metaconglomerate
Felsic to Mafic Gneisses of Mixed Volcanic & Sedimentary Origin
 3 Interlayered Felsic and Intermediate Gneisses
 2 Mafic Gneisses
Metavolcanics
 1 Mafic tuffs interlayered with carbonate metasediments and limestones

SYMBOLS

- Foliation
 Limestone with plunge
 Geologic contact
 Axial Plane of syncline

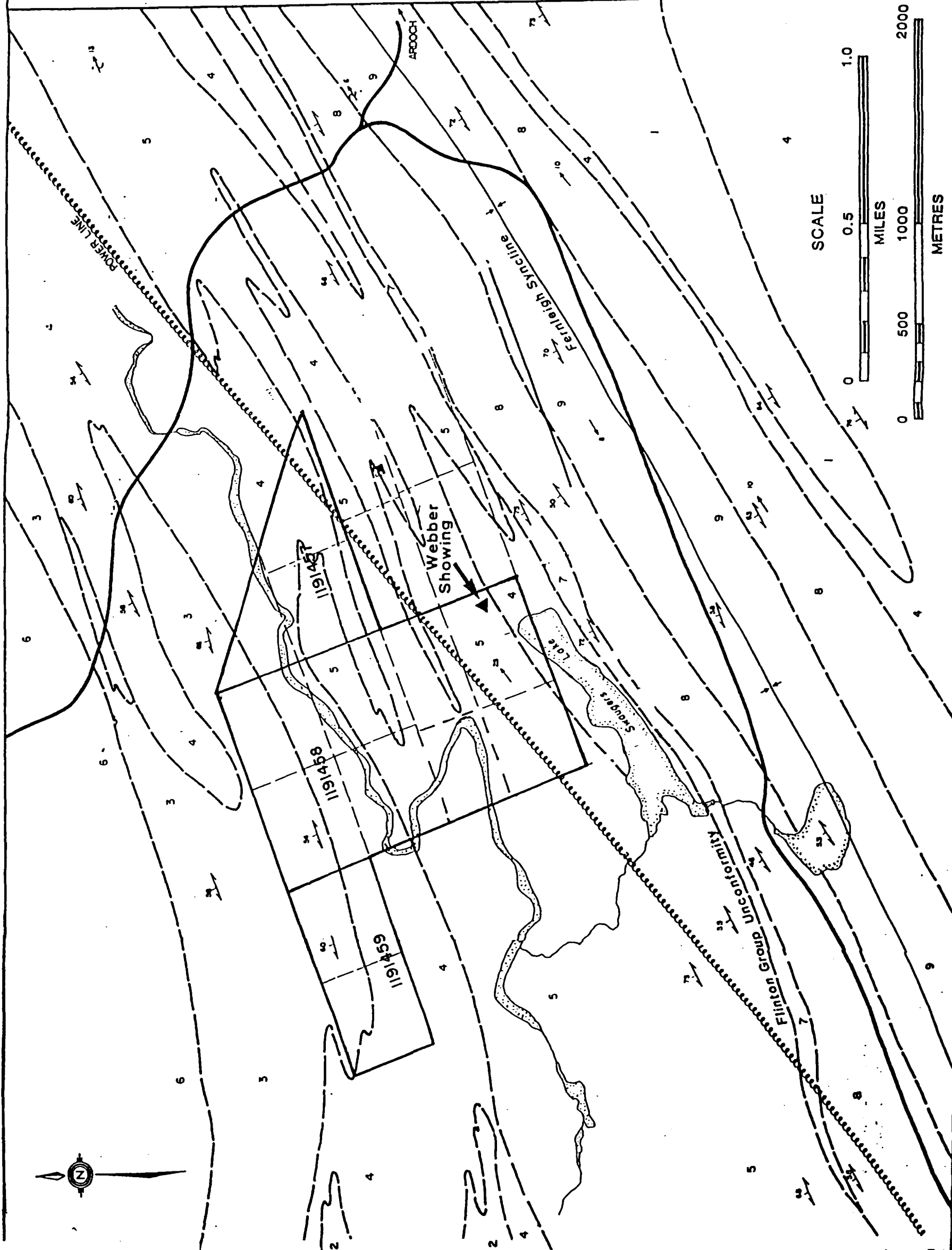
Notes : Geology after L. Park, and G. Hannay, 1965;
 Ontario Geological Survey Map P. 2487

CENTRAL SECTION

CLARENDON TOWNSHIP, FRONTENAC COUNTY, ONTARIO

REGIONAL GEOLOGY

GEOLGIST : DATE :
 M.T.S. 31C/14,15 SCALE: 1:118,000



Local Geology-

The property is underlain by Grenville Supergroup rocks of late Precambrian (Helikian) age and by stratified rocks postdating this group (Moore & Thompson, 1980). This is made up of carbonates and clastic metasediments of the Hermon and Mayo Groups. The Hermon Group includes tholeiites, basalts, andesites, dacites, rhyolites, and wackes. The Mayo Group, overlying the Hermon Group rocks, is made of dolomitic marbles. Lying unconformable on top of the above groups, is the Flinton Group consisting of: the Fernleigh Formation, the Myer Cave Formation, and the Bishop Corners Formation. The Flinton Group which is made up of pelites, quartzites, marble, graphite, sulphide-bearing schists, and pebble conglomerates. The Flinton Group unconformity crosses immediately south of Swaugers Lake and immediately south of claim 1191458. These groups are made up of an assemblage of metamorphosed volcanic and sedimentary rocks. The above groups are intruded by mafic (gabbroic) dykes and felsic sills.

Metaplutonic intrusive rocks of the Elzevir Batholith and the Northbrook-Cross Lake Batholith intruded these areas along with mafic gabbro dykes and felsite sills. All of the rock units have undergone almandine-amphibolite metamorphism facies.

The rocks have been affected by three periods of deformation (Moore & Thompson, 1980). The first period of deformation consists of isoclinal to recumbent folds. The schistosity is highly foliated in a northeasterly direction and close to sub-vertical. The rocks strike N40-60E and plunge flatly 10-30 degrees northeast. The second phase of deformation is coaxial with the first (Pauk, 1987). The above deformations were controlled by the large pluton intrusions. The third deformation occurred when the folds were bent around the Elzevir Batholith to the west of the property.

The structures existing on the property are the overturned Boerth Anticline (showing drag folding), and the Swaugers Syncline which is stressed with D-2 folding.

Table of Formations

Phanerozoic

Quaternary

till, gravel, sand

unconformity

Precambrian

Felsic Intrusive

pegmatite dyke

unconformity

Grenville Supergroup

Flinton Group

Fernleigh Formation

carbonate schist

Myer Cave Formation

schist, marble

Bishop Corners Formation

schist, marble

unconformity

Metamorphosed Felsic to Intermediate Intrusives

granite gneiss

Metamorphosed Mafic Intrusives

gabbro

intrusive contact

Clastic & Carbonate Metasediments

Felsic to Mafic Sediments

gneiss, mudstones, hornblende schist

Mafic Tuffs & Carbonate Metasediments

garnet schist, amphibolite gneiss

Economic Geology-

Gold bearing veins in the area appear to be narrow and discontinuous. They appear to be associated with the axis of the Fernleigh anticline; close to the contact areas of the metasediments and marbles.

Intense ductile deformation within the marbles and paragneisses suggests that intense folding has occurred. Differences in competency between the paragneisses and marbles indicates an area where deformation is enhanced by periods of folding. In particular, the

Amphibolite gneiss units have intruded along areas of shearing; and could act as mediums for hydrothermal precipitation of mineralization. Both the northeasterly trending antiform (north of the Boerth and Webber occurrences) and the volcanic units north of the property, provide structural conditions under which hydrothermal solutions can be channeled into localized shear zones or fault-tension fracture zones.

Most of the mineralized quartz veins range from 0.1 to 4.0 meters in width. Gold is generally associated with tension fractures within tourmaline rich quartz veins. Vein and disseminated zinc horizons on the property are located at the contact between calcitic marbles and metasediments. Zinc becomes thicker in the drag folds. Mineralization associated with the zinc is silver, lead, and copper. It is thought that the zinc has been introduced into the carbonate depositional environment by volcanogenic exhalative activity (Deslisle, 1989).

At the Boerth Mine gold values are associated within a shear zone between marble and paragneiss units which traverse from Swamp Creek in the west to Mud Lake in the east ; at a N070E direction. It appears that gold bearing quartz veins occur within paragneiss units which have been introduced along brittle strike-slip faulting along a 110 degree direction (discordant to the regional trend), and spatially related to the Flinton Group unconformity. The gold-bearing veins mined are crosscutting the paragneiss foliation @ 45 to 60 degrees (dipping southwest); and lie within tension fractures. The quartz veins are truncated at depth by calcitic marbles (OFR 5528, 1985). In 1980, Pauk and Carter sampled the veins.

The Webber showing (L 1+00E- 1+00N), occurring on the south portion of claim 1191458, appears to be a continuation of the Boerth occurrence. This showing coincides with a 0.3 meter wide quartz vein trending in a N65E direction and dipping vertical to steeply north. This vein has been traced for some 600 meters. The vein is within paragneiss at contact with dolomitic marble (trending N65E / vertical) and contains disseminated arsenopyrite.

Zinc values are associated with the stratigraphically controlled contact between the marbles and the metasediments. It appears the zinc occurs within marble units at contact with paragneiss units, and magnetics indicates it occurs both concordant to regional trends and discordant at 110 degrees. Along one contact in particular, anomalous zinc values have been traced for over 1400 meters. ved but not followed up.

Mineralization is characterized by silicification, sulphidization (pyrite, pyrrhotite, arsenopyrite), carbonatization, and potassium - Sodium metasomatism (Bowen, 1988). Barron (OFR 5528, 1985) states that the Webber, Boerth and James occurrences have been influenced by amphibolite gneiss intrusive units which

controlled the hydrothermally precipitated mineralization. Barron indicates that

Carter of the ODM observed that the gold zones were not consistent but that the zinc zones have potential for outlining a large body with significant values. This area can be compared to three other zinc producers from the Grenville area: Montauban Deposit (2,500,000 tons @ 4.5% zinc), Calumet Deposit (2,300,000 tons @ 8.17% zinc), and Balmat-Edwards Deposit (21,000,000 @ 9.0% zinc). The Balmat-Edwards is within a carbonate belt of the Mayo Group, and the Montauban and Calumet are within volcanogenic exhalative carbonates.

Proton Magnetometer Survey-

The survey was completed with the use of the Exploranium-Geometrics "Unimag" proton magnetometer. This instrument has a digital readout with a sensitivity of plus or minus ten gammas.

The accuracy of the readings is increased by averaging two or three readings at each station, or until the readings indicate a normalized reading. In areas of high response, readings are taken in several locations to find an averaged value. The range selector is changed up or down in areas where there is high magnetic noise, or until a station with a normalized reading is found.

The "World Gamma Range" setting on the instrument was brought down to a scale relative to the magnetics of the area when plotting the resultant readings. The instrument requires no calibration once the proper range setting is found. The average range setting for this area is 58,000 gammas. When plotted, the 58,000 reading is set at zero. Below this value a negative anomaly is indicated. Where negative anomalies and high-positive anomalies coincide with one another, a strong anomaly is indicated.

Every few hours the readings are checked at a base station and changes are noted. At the end of the day the readings are calibrated for drift changes.

Results are plotted at 250 gamma intervals, after plotting corrections for daily and diurnal. Base plans are plotted at a scale of one inch to 100 meters. Station readings are taken every 25 meters on lines which are 100 meters apart. Some kilometers was traversed during the survey. The field work was done during January through March of 1995.

The anomalies correspond to several massive sulphide conductors and also delineate geological structure. The three original zinc-bearing zones on the eastern side of the property have been delineated by the magnetometer survey. Although these zones are in close proximity to one another, the magnetics is useful in delineating them.

Most of the anomalies cut in a southwesterly direction; parallel to geological strike of the area, however one anomaly cuts at a northwesterly direction and projects from one zinc-bearing structure to another. This could possibly delineate a fault structure but more probably the direction of folding deformation.

VLF Electromagnetic Survey-

The Crone Radem V.L.F. electromagnetic unit utilizes higher than normal electromagnetic frequencies and is capable of detecting small sulphide bodies and disseminated sulphide deposits. It accurately isolates banded conductors and operates through areas of high noise and interference levels.

This method is capable of deep penetration but due to the high frequency used, its penetration is limited in areas of clay and conductive overburden. The components of the dip angle and the out of phase component of the magnetic field are measured at each station.

There are several different channels or stations available; each with a different frequency. a channel used should be parallel to the general strike of the area. If this cannot be determined, or if two strikes are found, then two orthogonal stations should be used to define the systems or conductors.

The dip angle measurement measures the angle of inclination from horizontal of the direction of the resultant V.L.F., or the amplitude of the major axis of the polarization ellipse. It is detected by a minimum on the field strength meter and is read from an inclinometer with a range of plus or minus ninety degrees. a conductor is designated by a " true " crossover pattern of the readings. The measurement is taken from an audio null when the instrument is held in a vertical position; after turning perpendicular to the direction of alignment with the V.L.F. field. The V.L.F. field is found by an audio null or minimum field strength measurement when the instrument is held in a horizontal position. The accuracy of the dip angle measurement is plus or minus one-half degree.

The field strength measurement defines the shape and attitude of the conductor by the strength of the field in the horizontal plane or the amplitude of the major axis of the polarization ellipse. It is the maximum reading obtained from the field strength meter when the instrument is rotated in the horizontal plane; and is measured as a percent of the normal field strength established at a base station. the field strength measurement has an accuracy of plus or minus two percent.

The out of phase component of the magnetic field; as a percent of the normal primary field, is sensitive to a low order of conductivity; lower than the dip angle measurements. It is used to locate conductors of a low order of magnitude. This reading is not recorded however indications of strong pulse from the field strength

Schedule 1

Geophysical & Geochemical Anomalies Observed (1989 Program)

<u>Longitude</u>	<u>Latitude</u>	<u>Commodity</u>
4E	4+15N	Au
5E	4+25N	Au
6E	4+25N	Au
9E	9+35N	Zn
10E	9+10N	Zn
11E	4+75N	Au
11E	6+40N	Zn
11E	6+75N	Zn
12E	4+85N	Au
12+80E	8+90N	Zn
13E	8+30N	Zn
13E	8+40N	Zn
13E	8+90N	Zn

Schedule 2

Anomaly Characteristics (1989 Program)

<u>Anomaly #</u>	<u>Commodity</u>	<u>Description</u>	<u>Vein Type</u>
Soil #1	gold	in paragneiss @ marble contact (footwall)	concordant
Soil #2	gold	in paragneiss @ marble contact (hangingwall)	concordant
Soil #3	gold	in paragneiss @ marble contact (footwall)	discordant
Soil #4	gold	in paragneiss @ marble contact (footwall)	concordant
Soil #5	gold	in marble @ paragneiss contact (hangingwall)	concordant
Soil #6	gold	in marble @ paragneiss contact (hangingwall)	concordant
I.P.(soil) #1	zinc / Au	in paragneiss @ marble contact (footwall)	concordant
I.P. #2	zinc	in paragneiss @ marble contact (hangingwall)	concordant
I.P.(soil) #3	zinc / Au	in paragneiss @ marble contact (footwall)	concordant
I.P. #4	zinc	in paragneiss @ marble contact (footwall)	concordant
I.P. (soil) #5	zinc / Au	in marble @ paragneis contact (hangingwall)	concordant
I.P. (soil) #6	zinc / Au	in marble @ paragneiss contact (hangingwall)	concordant
I.P. #7	zinc	marble @ paragneiss contact (hangingwall)	concordant
I.P. #8	zinc	paragneiss @ marble contact (footwall)	concordant
I.P. #9	zinc	paragneiss @ marble contact (hangingwall)	concordant

Schedule 3

Summary of Veins - Boerth Mine Area

<u>Vein #</u>	<u>Length Vein (m)</u>	<u>Ave. Width (m.)</u>
1	33	0.34
2	15	0.12
3	18	0.34
4	30	0.27
4A	11	0.30
5	53	0.61
6	32	0.30
7	32	0.27
Hattie B	69	0.67
Nugget 1	38	0.12
Nugget 2	15	0.55
8	15	0.15
9	26	0.73

* (vein material; wallrock not sampled)

Schedule 4

Summary of Drill Results - Boerth Mine

<u>Drillhole #</u>	<u>Core Length (m.)</u>	<u>Assay (g / t Au)</u>
G1	1.11	NA
	0.30	NA
G2	0.12	NA
	0.43	8.70
G3	0.60	0.28
	0.60	NA
G10	0.91	7.20
G14	0.34	3.77
G20	0.09	NA
G24	0.30	1.37
	0.67	NA
	0.42	3.43
G25	0.27	NA
G31	0.43	NA
G32	0.30	2.06
G33	0.46	2.74
G37	0.43	1.71
G39	0.15	3.43
	0.12	3.77

Results of 1995 Program-

Geophysical (VLF electromagnetics & Proton magnetometer) and geological surveys were run over the property. The geological and magnetometer results were useful in correlating extensions of known zones as well as delineating areas for till sampling. Three phases of till sampling were conducted in March and April; the second and third phases results delineated in the preceding sampling program. Some 109 soil till samples and 41 rock (chip) samples were taken during this program.

Eight anomalous zones were delineated by the proton magnetometer survey; trending in a southwesterly and northwesterly direction. Most of these zones correspond with sulphide-rich and massive sulphide conductors, some of which are up to nine meters in width. Most of these conductors correspond to the contact areas between paragneiss (amphibolite-gneiss clastic metasediments) units and carbonate metasediment (marble) units.

The VLF electromagnetic survey outlined eleven anomalous responses. Most of these zones correspond to low lying swamp areas. The powerline masks signature within 75 meters of the edge of the powerlines.

Nine mineralized zones were outlined by the geological, magnetometer, and sampling programs; eight which returned significant zinc assays and one which returned significant gold assays.

Zone A-

Discontinuous lenses of massive sulphides caused this anomaly; surrounding soils appearing red and rusty. Some sulphide rich float observed around Line 150 West. Strong zinc soil geochemical analyses observed from this zone.

Zone B-

Continuous massive sulphides up to 3.0 to 5.0 meters in width observed between lines 100W and 700 West. Moderately strong zinc geochemical analyses observed from soils, however low zinc and gold values from rock analyses.

Zone C-

Appears to cut between Zone B and Zone C at an angle transverse to the regional southwest lineations. This zone is delineated by magnetometer results. It is possible that this zone follows along a northwest trending shear or fault. Although sampling of this zone is sporadic, moderately strong soil geochemical analyses in zinc were defined.

Zone D-

This zone coincides with a disseminated zinc anomaly reported by Aurochs in 1988. It appears that the zone coincides with discontinuous sections of massive sulphides. This program outlined only moderately strong zinc anomalies. This zone appears to coincide with an induced polarization anomaly. Unmineralized quartz veining is located on the north side of this anomaly.

Zone E-

This zone coincides with a massive sulphide zone of up to 4.0 to 5.0 meters in width. This zone appears to be continuous in both directions. Gabbro intrusive units parallel this zone.

Zone F-

This zone coincides with a discontinuous massive sulphide zone up to 2.0 meters in width. Strong geochemical samples with lower zinc values were observed from the present program.

Zone G-

It is possible this zone is an extension of Zone E or Zone F. Although values as high as 600 ppm zinc were observed from this zone, little has been done to delineate this zone. Sections of the zone are associated with massive sulphide mineralization.

Zone H-

This zone is associated with gold-bearing quartz veins within sheared marbles. Gold values up to 1.0 grams per ton were observed. Zinc values are also associated with this zone.

Zone J-

This zone coincides with the Boerth Mine Zone and the Webber Zone. A concordant quartz vein system (steeply dipping north) averaging 0.30 meters in width is found within sheared paragneiss at the marble contact. Values are erratic within this zone but appear to be associated with mineralized sections of the quartz veins. Drilling of this zone by Hill in 1989 appears to be collared overtop of the zone from field collar observations.

Several soil anomalous gold-bearing zones from the 1987 program were investigated and sampled. Although most of these appear to be associated with northwest trending discordant systems, they are in fact associated with concordant systems lying along paragneiss-marble contacts. Most of the northwest trending quartz-vein systems are barren of sulphide mineralization.

Gabbro dykes are associated with most of the massive sulphide mineralized zones, and were probably late-stage intrusives which were involved with emplacement of the sulphide-rich materials. Some of these gabbro units are sulphide rich with disseminated pyrite and pyrrhotite mineralization.

Summary of Mineralized Zones

<u>Zone #</u>	<u>Length (m)</u>	<u>Description</u>
A	1200	massive sulphides in marble @ contact with paragneiss unit
B	1200	massive sulphides in marble@ contact with gabbro unit
C	1300	mainly untested; within sheared marble unit
D	1400	massive sulphides within marble @ contact with paragneiss unit
E	500	massive sulphides within sheared marble @ gabbro cont.
F	350	sheared marble
G	600	sheared paragneiss @ marble contact
H	300	sheared marble @ paragneiss contact
J	900 +	sheared paragneiss @ marble contact ; quartz vein 0.3 m. wide

Conclusions-

At least eight significant zinc anomalies and one significant gold anomaly were outlined by the surveys.

The proton magnetometer, geological mapping, and the till sampling programs were all useful in delineating these zones. Rusty - red soil is a good indicator of sulphide-rich material in close proximity to this soil.

The gold values are generally associated with narrow concordant and discordant quartz vein systems. The discordant systems are usually infilling tension fractures and are short and discontinuous. The southwest trending concordant systems are stratigraphically and shear controlled and although are narrow, they can have significant lengths. The most significant gold-bearing vein system is associated with the Webber Showing and the Boerth Mine (Uncle Sam Shaft) which occur along the same stratigraphic horizon.

The zinc values are associated with siliceous / brecciated zones of massive sulphides which can consist of several parallel zones. These zones lie mainly within marble units in close proximity to the paragneiss units.

The Clyde-Fernleigh Fault, as mapped by Ford in 1992, coincides in strike with the areas of zinc mineralization, and there is a possible association.

In the central section of the claim group, it appears that the zones are offset by a northwest trending fault. This has been acknowledged by Bowen's mapping in 1988 and by the proton magnetometer survey. This fault could be a major structural control for the zinc mineralization.

Recommendations-

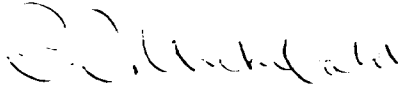
The zinc anomalies should be traced in detail by close-spaced basal till sampling programs; in particular within the heavy-overburden covered areas in the central portion of the claim group. The two northern anomalies (Zone A & B) should be traced westward onto the new claims which were picked-up.

Detailed geological reconnaissance is recommended for the central portions of the claim group where structural controls are complex. Tighter control will be beneficial in tracing the anomalous zones for greater distances.

Anomaly A and B appear to continue west along the contact areas of a narrow band of marble which narrows to approximately 150 meters at the west end of claim 1191459, in particular along the sheared-rusty south contact, should be investigated by follow-up exploration.

In areas of heavy overburden, the proton magnetometer can be useful in pinpointing the sulphide-rich zones.

April 20, 1995
Concord, Ontario


Frederick T. Archibald, B.Sc. Geologist.

References

- Barron,P. 1985: Geology of Clarendon Township. MNR OFR 5528. (pg.35-55 incl.)
- Boniwell,J. 1987: I.P. Results on Kehoe-Ridell Property;Ardoch Syndicate.
- Bowen,R.P. 1988. Report on Boerth-Hill Property
(Aurochs Societe D'Exploration Miniere Inc.) (21 pg.)
- Carter,T. 1980: Geology of Boerth Gold (1" to 60 meters scale)
- Carter, T. 1980: Assays of Boerth Mine;Clarendon Township (80-TRC-154 to 163 incl).
- Carter,T & Colvine,A. 1979: Geology & Metallogenetics of Grenville Deposits
OGS M.P.90
- Christie,B. 1994: Summary of James Lake Property.
- Delisle,P.C. 1989: Unpublished Progress Report on Boerth-Hill Property; Clarendon Township.
- Easton, M. 1993: Tale of Two Marbles
- Ford, F.D. 1992 Geology Fernleigh & Ompah Synclines-Palmerston Lake Area
(pg. 41-46)
- Howe,A.C.A. 1964:Report on Boerth Property (Ganda Silver Mines Ltd) Drilling Results
- Moore, J.M. & Morton, R.L.: 1986. Geology of Marble Lake Area. OGS Report 238,63pg
- Ontario Geological Survey. 1980: Webber-Boerth Prospects OFR Report 5548
(pg.257-268)
- Ontario Geological Survey. 1983: Webber-Boerth-James Properties, M.P. #116
(pg.280)
- Ontario Geological Survey. 1984: Airborne Magnetic Survey (Kenting Earth Sciences)
Maps 80626-27, 80633-34 (1:20,000 scale)
- Pauk,L.&Mannard,G. 1982: Geology of Webber-Boerth Properties (1":600m).
- Pauk, L.&Mannard,G. 1982: Precambrian Geology Ardoch Area. OGS Map P2487
(1:15,840 scale)
- Pauk,L & Mannard,G. 1982: Geology of Boerth Mine (1" to 60 meters scale)
- Pauk, L. 1983: Sunday Lake&Ardoch-Dalhousie Lake Areas. Precamb. (pg.84-86).
- Pauk,L. 1987: Geology of Ardoch Area; OGS Report 241, 57pg.
- Pauk, L. 1989: Geology of Dalhousie Lake Area, OGS Report 245, 57pg.
- Smith,B. & Peach,B. 1956: Clarendon-Dalhousie-Darling Area Geology, Map 1956-4.
(1" to 0.25 mile scale)

Property Expenditures for Project

<u>Date</u>	<u>Item</u>	<u>Cost</u>
December 28	meals	16.55
December 28	gas	23.00
December 28	gas	30.00
December 29	groceries	28.54
December 29	groceries	36.14
January 1	cabin	252.70
January 1	meal	9.53
January 1	meals	14.62
January 8	gas	21.30
January 9	cabin	148.17
January 9	meal	5.28
January 11	gas	14.14
January 17	gas	29.78
January 17	meal	3.20
January 17	meal	4.11
January 17	meals	20.25
January 18	Sven Dean- contract labour (2 days)	120.00
March 2	Glencannon Resort- cabin	100.00
March 15	gas	29.00
March 16	Glencannon Resort / cabin	360.57
March 16	Richard Archibald- contract labour (1 day)	100.00
April 14	Assay Charges	1132.86
April 15	meal	4.23
April 15	gas	24.06
April 15	gas	29.00
April 16	cabin	425.60
April 16	meal	34.80
April 22	gas	28.00
April 22	gas	22.06
April 23	assaying charges	228.98
April 28	drill rental + operators (2.5 days)	2125.00
April 28	assaying charges (Chauncey Labs)	182.17
April 28	mileage- 3780 km X \$0.30/km.	1134.00
	photocopying maps	7.23
	48 days X \$100 per day -----	7200.00
	Contracting of field geologist (8 days)	<u>800.00</u>
	<u>Total Expenses-----</u>	<u>\$14,744.00</u>

Contract labour used

Sven Dean	77 Kimbark Blvd. Toronto	Jan. 17-18	\$160.00
Richard Archibald	33 Kirby Cres., Newmarket	Mar. 16	\$100.00

F.T. Archibald OPAP 1995 Program Itinerary

<u>Date</u>	<u>Description of Work</u>
December 28, 1994	cut lines north part claim 1191458- L 4E- L1E
December 29, 1994	cut lines north part claim 1191458- L0- L3W
December 30, 1994	cut lines north part claim 1191458- L3W-L5W
December 31, 1994	cut lines north part claim 1191458- L6W-L8W
January 1, 1995	magnetometer 1191458 north section L0 to L4E
January 2, 1995	magnetometer 1191458 north section L1W-L4W
January 3, 1995	magnetometer 1191458 north section L5W-L8W
January 4, 1995	electromagnetics 1191458 north section L4E-L0
January 5, 1995	electromagnetics 1191458 north section L1W-L4W
January 6, 1995	electromagnetics 1191458 north section L5W-L8W
January 7, 1995	cut lines 1191457 L14E to L11E
January 8, 1995	cut lines 1191457 L10E to L8E
January 9, 1995	cut lines 1191457 L7E to L4E
January 10, 1995	cut lines 1191457 L0 to L3E
January 11, 1995	cut lines 1191458 L4W to L1W
January 12, 1995	cut lines 1191458 L5W to L8W
January 13, 1995	magnetometer 1191457 L10E-L14E
January 14, 1995	magnetometer 1191457 L5E-L9E
January 15, 1995	magnetometer 1191457 L00 to L4E
January 16, 1995	electromagnetics 1191457 L00 to L4E
January 17, 1995	electromagnetics 1191457 L5E- L9E
January 18, 1995	electromagnetics 1191457 L10E-L14E
January 19, 1995	office plotting magnetometer
January 20, 1995	office plotting electromagnetics
February 4, 1995	office compilation of reports / history
February 5, 1995	office compilation past drilling & geology of Boerth
February 9, 1995	office compilation of maps & report 8hrs.
February 10, 1995	compilation maps & reports- assesssment files
February 11, 1995	compilation of assessment data into report
March 11, 1995	magnetometer claim 1191458 L00 to L4W
March 12, 1995	electromagnetics claim 1191458 L 4W to L00
March 13, 1995	magnetics- claim 1191458 & 57- extentions
March 14, 1995	geological claim 1191458 west side
March 15, 1995	geological claim 1191458 south side
March 16, 1995	geological claim 1191458 north side
March 17, 1995	office compilation of geology 8 hrs.
March 21, 1995	till and rock sampling south part claim 1191458
March 22, 1995	till and rock sampling claim 1191457 & 1191458 nort
March 23, 1995	office compilation of sampling program
April 6, 1995	till & rock sampling claim 1191457 & 58 north (P-#2)
April 7, 1995	till & rock sampling claim 1191458 north

April 8, 1995	till & rock sampling claim 1191458 north & south
April 9, 1995	office map preparation of till sampling
April 10, 1995	samples to assay & map-report prep.
April 15, 1995	third phase till sampling claim 1191457 swamp
April 16, 1995	third phase till sampling claim 1191457 swamp
April 20, 1995	report preparation & copies
April 21, 1995	report preparation & copies

36 days in field & 12 days in office

CHAUNCEY ASSAY LABORATORIES LTD.

33 Chauncey Avenue, Toronto, Ontario M8Z 2Z2
 Tel: (416) 239-3527 FAX: (416) 239-4012

CERTIFICATE OF ANALYSIS

CERTIFICATE NO.: AR-212-02 DATE: APRIL 5, 1995
 SUBMITTED BY: F.T. ARCHIBALD CONSULTING LTD.
 ATTENTION: MR. FRED ARCHIBALD.
 DATE RECEIVED: MARCH 27, 1995 SAMPLE OF: SOILS.

SAMPLE NO.:	AU PPM	AS PPM	ZN PPM
38901	.8		
38902		.3	140
38903	10.8		
38904	.6		
38905	.8		
38906	.4		
38907	.3		
38908	1.6		
38909	.2		
38910	1.0		
38913	.4		
38914	.4		
38915	.5		
38917	.4		
38918	.8		
38921	1.0		
38923	.1	15	
38924	.2	17	

CERTIFICATE NO.: AR-212-01 DATE: APRIL 3, 1995
 SUBMITTED BY: F.T. ARCHIBALD CONSULTING LTD.
 ATTENTION: MR. FRED ARCHIBALD.
 DATE RECEIVED: MARCH 27, 1995 SAMPLE OF: SOILS.

SAMPLE NO.:	AU PPM	ZN PPM	SAMPLE NO.:	AU PPM	ZN PPM
38701	.1	23	38947	.1	140
38702	.3	17	38948	.1	155
38703	1.0	140	38949	.2	160
38704	1.1	100	38950	.3	25
38705	.7	41	38951	.1	
38706	.1	99	38952	.2	190
38707	.2	80	38953	.3	50
38708	.1	231	38954	.4	200
38709	.4	139	38956	1.0	275
38911	.2	25	38959	.7	240
38912	18.3	76	38960	.3	115
38916	.5	60	38961	.4	170
38919	.1		38963	.3	185
38920	.3		38964	.4	200
38922	.2				
			4W 535N	.2	165
38938	.1	120			
38939	.2	205			
38940	1.5				
38941	.7	100			
38942	1.0	135			
38943	.2	100			
38944	.1	80			
38945	.3	75			
38946	.2	235			

 J. van Engelen Mgr.

CERTIFICATE NO.: AR-212-03 DATE: APRIL 5, 1995
SUBMITTED BY: F.T. ARCHIBALD CONSULTING LTD.
ATTENTION: MR. FRED ARCHIBALD.
DATE RECEIVED: MARCH 27, 1995 SAMPLE OF: SOILS.

SAMPLE NO.:	AU PPM	AG PPM	ZN PPM
38927	.5	1.0	35
38928	.4	.8	150
38929	4.1	2.3	141
38930	.1	1.5	80
38931	.6		
38932	.4		
38933	.5	1.0	61
38934	.8	.6	132
38935	.4	.3	229
38936	.3	.8	60
38937	.2	.4	142
38955	.2		
38957	.3	.3	63
38958	.1	.4	65
38962	.1		

J. van Engelen Mgr.

CEFTTIC/ NO

-2:

DATE: April 18, 1995

SUBMITTED BY:

F.T. ARCHIBALD CONSULTING LTD.

ATTENTION:

MR. FRED ARCHIBALD.

DATE RECEIVED:

APRIL 11, 1995

SAMPLE OF: SOILS.

SAMPLE NO.:	AU G/T	ZN G/T	SAMPLE NO.:	AU G/T	ZN G/T
38851		173	38871		250
38852		290	38872		51
38853		251	38873		145
38854		01	38874		84
38855		03	38875		262
38856		160	38876		165
38857		172	38877	.02	60
38858		100	38878		195
38859		85	38879		115
38860		53	38880		00
38861		290	38881		145
38862		201	38882		100
38863		80	38883		55
38864		195	38884		102
38865	.02	10	38885		239
38866	.04	11	38886		181
38867	.02	30	38887		100
38868	.02	100	38888		201
38869	.02	23			
38870		145			

J. van Engelen Mgr.

CERTIFICATE NO.: An-214 01 Date: APR 24, 1995
 SUBMITTED BY: F.T. ARCHIBALD CONSULTING LTD.
 ATTENTION: MR. FRED ARCHIBALD.
 DATE RECEIVED: APRIL 18, 1995 SAMPLE OF: SOILS.

SAMPLE NO.:	ZN G/T	SAMPLE NO.:	AU G/T	ZN G/T
38710	1	38730		204
38711	129	38731		02
38712	191	38732		23
38713	145	38733		165
38714	147	38734		129
38715	251	38735		80
38716	100	38736		10
38717	99	38737		82
38718	145	38738		130
38719	223	38739		26
38720	51	38740		170
38721	45	38741		100
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38723	50	38743		83
38724	53	38744		115
38725	23	38745		102
38726	81	38746		129
38727	50	38747	.2	30
38728	129			
38729	40			

 J. van Engelen Mgr.

INVOICE

April 29, 1995

Contract for Geological Mapping Program on 1191457-58 south sections & Boerth Mine Areas for F.T. Archibald OPAP

Included report on Boerth-Hill Property; Clarendon Township, Ont.

8 days @ \$100.00 per day----- \$800.00

Paul-Claude Delisle
Paul-Claude Delisle
geologist

Included the map.

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KALADAR ONT 613 336 8679

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MAIL CARD 5191230013331393

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52.93	0.529	28.00
FUEL INCL. GST \$1.83		
TOTAL		\$28.00

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SER NO. 001-001-015
Chapman

31 CANADIAN CABINS
21 SYDNEY ONT. KOSH INC
RR #21
REGISTRATION NO.

DATE March 23 1995

F. Archibald

BY	C.O.D.	CHARGE	ON ACCOUNT	ACCOUNT FORWARD
		1 night		80.00
SUBTOTAL				80.00
GST				5.60
SUBTOTAL				85.60
PST				4.00
TOTAL				89.60

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NORTHBROOK, ONT.

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RTRE COF CP	2.89 T
MAX COFFEE	4.29
CH CHIP COOKI	2.29
WHITE BREAD	0.99
COKE CLASSIC	0.99 T
O/C DRG JUC	2.49
BLUEBON MARG	1.29
ROAST BEEF	2.44
SM HAM	2.42
SUBTTL	22.06
PST	0.31
GST	0.27
TOTAL	22.06

CASH 22.06
CHANGE 0.00

37984 C402 09:22TH

GST REGISTRATION NO. 123456789
DATE March 23 1995

Fred Archibald

SOLD BY	C.O.D.	CHARGE	ON ACCOUNT	ACCOUNT FORWARD
		4 nights		380.00
SUBTOTAL				425.00
Less Deposit				100.00
				325.00
				28.29
				7.27
SUBTOTAL				380.00
GST				26.60
SUBTOTAL				406.60
PST				19.00
TOTAL				425.60

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CARD # 5191230013331393
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EXP: 08 97
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TIP: \$ 3.00
TOTAL: \$ 34.80

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ONTARIO K7R 3S4

GST/TPS: 117346262 (613) 354-5663
1995-03-15 0020673 18:41

PRODUCT	QTY	PRICE	AMOUNT
PRODUIT	QTE	PRIX	MONTANT
*REGULAR/ORD.	56.5	0.513	29.00
		TOTAL	\$29.00

*TAXES INCL. #TAXES ENCL.

GST/TPS TOTAL \$1.90

INVOICE/FACTURE: 203895 OPER: A
MASTERCARD 5191230013331393
AUTHORIZATION/AUTORISATION: 184205

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CLAFENDEN

SHELL CANADA PRODUCTS LIMITED

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GST #131330740
INV NO. 0722313008 95/01/17 09:15
MASTERCARD 5191230013331393

FUEL	QTY	PRICE	AMOUNT
BRONZE	55.01	0.509	28.00
FUEL INCL. GST		\$1.83	

PRODUCT	GST	PST	AMOUNT
OTHER	0.10	0.12	1.78
TOTAL			\$29.78

[Signature]
896145 B
SEQ NO. 001-001-008

#113
LAK
GST REGISTRATION NO.
P.R. 2, C
T

M F.
SOLD BY
CO.

Jan 9/95
Jan 10/95
Jan 10/95

2 Ni

[Signature]
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45
REDIFORM 580254

#113

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GST REGISTRATION NO. CLOYNE, ONT. KOH 1KO

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				3
		Jan 9/95 Supper		11.35
		Jan 10/95 Breakfast		7.71
		Jan 10/95 Supper		9.40
		Breakfast		7.71
		2 Nights		100.00
		Gst		7.00
				5.00
		SUBTOTAL		
		GST		
		SUBTOTAL	2	
		PST	5.00	
		TOTAL	148.17	

Paul J. #13
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Regular	40.00	0.575	23.00
Misc. Gst Only	1	0.99	0.99
		GST	0.87

TOTAL \$ 24.06

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GST TOTAL \$ 1.57

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VISA AUTHORIZATION: 4537025818409
013985

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Many Thanks For
Shopping PetroCanada

Chap.

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2 EGG BAK	3.95
SUBTEL	3.95
GST	.28
TOTAL	4.23
CASH	5.00
CHANGE	.77

1 ITEMS

CLERK A 0040
REV #0000 09:31
HAVE A NICE DAY

CN00609 M 011

GM : 1235 01/19/95

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APR - 1 1995
BANK OF MONTREAL
TORONTO DATA CENTER

ROYAL BANK
ONTARIO PC

DEPOSITED TO THE CREDIT OF
PAYEE
CUSTOMER'S SIGNATURE

81219745 801288418

MR 95 23
MAR 2 3 1995
TOR ONT

ROYAL BANK
ONTARIO PC

GLENCANNON RESORT LTD.
LAKE MISSISSAGAGON
R.R. 2, CLOYNE, ONT. K0H 1K0
TEL: 613-336-2425

CUSTOM CHEQUES OF CANADA

11063185 80846384

FREDERICK T. ARCHIBALD
1 ROYAL BIRKDALE LANE
THORNHILL, ONTARIO L3T 1V1

MAR 16 19 95 140

PAY GLENCANNON RESORT LTD \$ 360.57
Three Hundred & Sixty ———— ST 100 DOLLARS



ROYAL BANK OF CANADA
HWY. 7 & HWY. 400 BRANCH
3300 HIGHWAY 7, SUITE 100
CONCORD, ONT. L4K 4M3

F.T. Archibald

⑈ 140 ⑈ ⑆00192⑈003⑆500⑈452⑈8⑈

⑆0000036057⑆

FREDERICK T. ARCHIBALD
1 ROYAL BIRKDALE LANE
THORNHILL, ONTARIO L3T 1V1

MAR 16 19 95 139

PAY RICHARD ARCHIBALD \$ 100.00
One Hundred ———— XX 100 DOLLARS



ROYAL BANK OF CANADA
HWY. 7 & HWY. 400 BRANCH
3300 HIGHWAY 7, SUITE 100
CONCORD, ONT. L4K 4M3

F.T. Archibald

⑈ 139 ⑈ ⑆00192⑈003⑆500⑈452⑈8⑈

⑆0000010000⑆

FREDERICK T. ARCHIBALD
1 ROYAL BIRKDALE LANE
THORNHILL, ONTARIO L3T 1V1

MAR 2 19 95 136

PAY GLENCANNON RESORT LTD. \$ 100.00
One Hundred ———— XX 100 DOLLARS



ROYAL BANK OF CANADA
HWY. 7 & HWY. 400 BRANCH
3300 HIGHWAY 7, SUITE 100
CONCORD, ONT. L4K 4M3

F.T. Archibald

⑈ 136 ⑈ ⑆00192⑈003⑆500⑈452⑈8⑈

⑆0000010000⑆

F.T. ARCHIBALD CONSULTING LTD.
UNIT 15 & 16 - 668 MILLWAY AVE.
CONCORD, ONTARIO L4K 3V2

0406

JAN 18 95

PAY TO SVEN DEAN
THE ORDER OF

One Hundred & Twenty ———— XX 100 \$ 120.00
DOLLARS



ROYAL BANK OF CANADA
HWY. 7 & HWY. 400 BRANCH
3300 HIGHWAY 7, SUITE 100
CONCORD, ONT. L4K 4M3

F.T. ARCHIBALD CONSULTING LTD.

PER F.T. Archibald

FOR

⑈ 000100 ⑈ ⑆00192⑈003⑆

100⑈423⑈3⑈

⑆0000012000⑆

APR 28 '95 10:11AM CHAUNCEY ASSAY LABS

CHAUNCEY ASSAY LABORATORIES LTD.

P.4

33 CHAUNCEY AVE., TORONTO, ONTARIO M8Z 2Z2
TELEPHONE: (416) 239-3527 - FAX: (416) 239-4012

DUE UPON RECEIPT
GST # R123717001

F. T. ARCHIBALD CONSULTING LTD.
668 MILLWAY AVENUE.
UNIT 15/16.
CONCORD, ONTARIO.
L4K 3V2.

INVOICE

A 4779.

DATE	NUMBER	PAGE	DUE DATE	
APRIL 26, 1995				
DESCRIPTION	ORDERED	SHIPPED	UNIT PRICE	EXTENDED PRICE
38 ASSAYS ZN ON SOILS.			\$ 2.75	\$ 104.50
1 ASSAY AU ON SOILS.			\$ 8.75	\$ 8.75
38 SAMPLE PREP. ON SOILS.			\$ 1.50	\$ 57.00
CERT. NO.: AR-214. SAMPLES: 38710 TO 38747.				
THANK YOU!				
			SUB TOTAL	\$ 170.25
			GST	11.92
			PST	
			TOTAL	\$ 182.17.
			NET TO PAY	\$ 182.17.

APR 28 '95 10:10AM CHAUNCEY ASSAY LABS
CHAUNCEY ASSAY LABORATORIES LTD.
 CHAUNCEY AVE., TORONTO, ONTARIO M8Z 2Z2
 TELEPHONE: (416) 239-3527 - FAX: (416) 239-4012

P.1

DUE UPON RECEIPT
 GST # R123717001

F.T. ARCHIBALD CONSULTING LTD.
 668 MILLWAY AVENUE
 UNIT 15 + 16.
 CONCORD, ONTARIO.
 L4K 3V2.

INVOICE

A 4766.

		DATE	NUMBER	PAGE	DUE DATE
		APRIL 14, 1995.			
DESCRIPTION	ORDERED	SHIPPED	UNIT PRICE	EXTENDED PRICE	
39 ASSAYS AU ON SOILS.			\$ 8.75	\$ 341.25	
14 ASSAYS ZN ON SOILS.			\$ 2.75	\$ 93.50	
39 SAMPLE PREP. ON SOILS.			\$ 1.50	\$ 58.50	
35 ASSAYS AU ON ROCKS.			\$ 8.75	\$ 306.25	
6 ASSAYS AG ON ROCKS.			\$ 4.50	\$ 72.00	
16 ASSAYS ZN ON ROCKS.			\$ 3.50	\$ 56.00	
35 SAMPLE PREP. ON ROCKS.			\$ 3.75	\$ 131.25	
CERT. NO.: AR-212.					
SAMPLES: 38701 TO 38964, 4W535N. 38901 TO 38962.					
THANK YOU!				SUB TOTAL	\$1058.75
				GST	74.11
				PST	
				TOTAL	\$1132.86.
				NET TO PAY	\$1132.86.

CHAUNCEY ASSAY LABORATORIES LTD.

33 CHAUNCEY AVE., TORONTO, ONTARIO M8Z 2Z2
 TELEPHONE: (416) 239-3627 - FAX: (416) 239-4012

DUE UPON RECEIPT
 GST # R123717001

F.T. ARCHIBALD CONSULTING LTD.
 668 MILLWAY AVENUE.
 UNIT 15 + 16.
 CONCORD, ONTARIO.
 L4K 3V2.

INVOICE

A 4775.

DATE: APRIL 23, 1995. NUMBER: PAGE: DUE DATE:

DESCRIPTION	ORDERED	SHIPPED	UNIT PRICE	EXTENDED PRICE
6 ASSAYS AU ON SOILS.			\$ 8.75	\$ 52.50
38 ASSAYS ZN ON SOILS.			\$ 2.75	\$104.50
38 SAMPLE PREP. ON SOILS.			\$ 1.50	\$ 57.00
CERT. NO.: AR-213. SAMPLES: 38851 TO 38888.				
THANK YOU!				
			SUB TOTAL	\$ 214.00
			GST	14.98
			PST	
			TOTAL	\$ 228.98.
			NET TO PAY	\$ 228.98.

***** MCDONALD'S *****
 ORDER# 56 K/S NO.09 STORE NO.08530 *****
 12/28/94 12.25

BIGMAC	1	2.88	LG. SHK	1	2.02
CHICKEN	1	1.55	FILET	1	2.54
P. COFF	1	3.47	W/BEER	1	1.54
SUB TOTAL			15.60		
TAKE-OUT TAX			1.02		
TOTAL			14.62		

THANK YOU
 CHARLIE

Imperial Oil
 Account may be assigned to:
 Ce compte peut être cédé à:
 Imperial Oil
 Products Division
 Pétrolière Impériale
 Division Produits pétroliers

Vehicle License / N° de Plaque	Prov.
Buyer's Signature / Signature de Client	
X <i>[Signature]</i>	

Customer Copy / Copie du Client
 Please retain this copy as a record of your transaction / Conserver cette copie comme preuve de transaction

250 498 915 9 10017
 F T ARCHIBALD
 EASTON'S 28 SER L2J
 BOX 281 HWY28-HWY401 EX
 PORT HOPE ON
 ITEM QTY PRICE GST TOTAL
 UNLEADED 64.12/L 0.499 INCL 32.00

(GST CONTENT 2.09) PLUS PST 0.00
 ESSO TOTAL : \$ 32.00

Fuel amount includes PST where applicable.
 Carburant TVP inclut s'il y a lieu.

 NORTHEROOK I.G.A.
 HWY#41
 NORTHEROOK, ONT.

PEOPLE
 CORE FIRST
 AT IGA

WEDNES 12-28-94 030003

STUDEL	2.89
STUDEL	2.89
GROCERY	2.79
P.FREAN CKS	3.29
BAKESHOP	1.69
BAKESHOP	1.69
COKE CLASSIC	1.89 T
IGA. CHIPS	1.19 T
Y&S TWIZZLER	1.79 T
IGA CHIPS	1.19 T
SKI PNUT BTR	4.99
SMART JAM	1.99
CRUSH RAINED	9.99 T
SUBTTL	37.42
PST	1.04
TST	1.60
TOTAL	37.42

CASH 40.00
 CHANGE 2.58

4043 82404 182:91

ORD# 230
 1 RST BEEF 3.49
 1 SAND DEL 1.10
 1 12DONUTS 4.25
 SUBT 8.84
 PST1 .37
 GST .32
 TOTL 9.53
 10.00 CASH
 .47 CASH CHNG
 DEC 28, 1994 12:22
 SHIFT # 2 D 1
 #163530 S# 645 T# 2

TOTAL	39
PST	
SUBTOTAL	
GST	
SUBTOTAL	
4 meals	
Breakfast	
4 Banners	
TOTAL	32.49
PST	
SUBTOTAL	
GST	
SUBTOTAL	
4 meals	
Breakfast	
4 Banners	
TOTAL	32.54
PST	
SUBTOTAL	
GST	
SUBTOTAL	
4 meals	
Breakfast	
4 Banners	
TOTAL	32.67
PST	
SUBTOTAL	
GST	
SUBTOTAL	
4 meals	
Breakfast	
4 Banners	
TOTAL	32.80
PST	
SUBTOTAL	
GST	
SUBTOTAL	

GLENANNON RESORT LTD.
 LAKE MISSISSAUGON
 R.R. 2 CLOVNE, ONT. K0H 1K0
 TEL: 613-256-2425
 DATE: 12/28/94
 ARCHIBALD, FRED
 1994

REGISTER 08
 1011111111
 1001111111
 1001111111
 1001111111

CLARENDOON

CLARENDOON

WELCOME TO WENDY'S
PORT HOPE
HWY-401 EASTBOUND

GST #R104755517

BREAKFAST COMBO	2.99
SUBTOTAL	2.99
PST	.00
GST	.21
TAKE OUT-WENDY	3.20
CASH TENDERED 5.00 CHANGE	1.80
L1 C104 07:19 17/JAN/95 M1 4-62 49	

HWY-401 EASTBOUND

1.80	CHANGE
20.00	CASH
18.14	TOTAL
0.20	GST
0.23	PST
18.14	SUBTOTAL
1.49	IGA STRY JAM
1.99	IGA FRUIT ETE
2.99	IGA SEC EGG
0.99	PLUS ORANGE
0.99	PLUS ORANGE
1.59	MIL GRAIN BR
2.49	IGS & LOUIS
2.29	OP CHE COOKI
2.89	RAISE COF CR

MONDAY 01-09-95 03:00:00

PEOPLE
COME FIRST
AT IGA

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
NORTHERN I.G.A.
HWY #41
NORTHERN, ONT.

TRANSACTION RECORD 950111/16:02

SUISS CHALET
HWY 28 AT 401 PO 80
PORT HOPE ONTARIO
L1A3W3

TERM ID: 02306377
MID: 00525170
CARD # 5191230013331393 EXP: 08 97
ACCT TYPE: MC PURCHASE
REF NO: 0003110 AMOUNT \$0.10

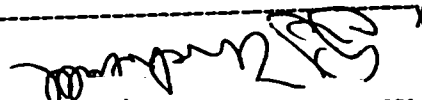
TIP: \$ 85
TOTAL: \$ 8.95

(001) APPROVED - THANK YOU AUTH #500421

CARDHOLDER AGREES TO PAY ISSUER SUCH
TOTAL IN ACCORDANCE WITH ISSUER'S
AGREEMENT WITH CARDHOLDER

X 
CARDHOLDER SIGNATURE

CLARENDOON
THANK YOU


FSS0 250 498 915 9 10017

2.99
3.84
3.27
4.11
4.62 45
TAKE OUT-WENDY
CASH TENDERED 4.25 CHANGE
17/JAN/95 M1 07:18 1 C104

GST #R104755517
WELCOME TO WENDY'S
PORT HOPE
HWY-401 EASTBOUND

CLARENDOON

SHELL CANADA PRODUCTS LIMITED

KALADAR SHELL
HWY #7 & #41
KALADAR ONT L1C 336 8679

GST #131330740
INV NO. 0722312026 95/01/11 14:15
MASTERCARD 5191230013331393

FUEL	QTY	PRICE	AMOUNT
BRONZE	25.54	0.509	13.00
GST			5

WELCOME TO IMPERIAL OIL LTD.

NORTHBROOK I.G.A.
HWY#41
NORTHBROOK,ONT.

JAMES GENERAL STORE
GENERAL DELIVERY
PLEUNA, ON K0H 2M0

VRN: R106358773 29/12/1994 16:29

PEOPLE
COME FIRST
AT 16A

ITEM	QTY	PRICE	AMOUNT
REGULAR	64.7L	0.559	36.141
GST INCL IN FUEL:		\$2.37	

TOTAL: 36.14

THURS. 12-29-94 050005

TX GROC 9.99 T
SUBTTL 11.49
PST 0.80
GST 0.70
TOTAL 11.49

AUTH: INVOICE: KOL 0213
ESSO: 250 498 915 9 10017

THANK YOU

CASH 20.00
CHANGE 8.51

0335H C404 17:22TH

CLARENDON
CAVENDISH

EXP: 08 97
PURCHASE
AMOUNT \$28.35

2.80
31.15

THANK YOU AUTH #172432

THE CARDHOLDER AGREES TO PAY ISSUER SUCH
AS PROVIDED WITH ISSUER'S
CURRENT CARD CONDITIONS

Signature

CARDHOLDER SIGNATURE

NORTHBROOK I.G.A.
HWY#41
NORTHBROOK,ONT.

PEOPLE
COME FIRST
AT 16A

THURS. 12-29-94 050005

AEREX ANTIFZ	9.99 T
NL 2X 1L	1.94
TROPICANA OJ	2.99
MARGARINE	0.67
S/C BACON	1.89
EGGO WAFFLES	2.69
HOT CHOC	3.39
16A SYRUP	2.29
LARGE EGGS	1.19
SUBTTL	28.54
PST	0.80
GST	0.70
TOTAL	28.54

CASH 30.00
CHANGE 1.46

03301 C404 17:17TH

IMPERIAL'S #12450
1000 ROUNTREE DRIVE
GST # R102667619

BRKEST #25	2.99 T
OVER EGG	0.95 T
W/BAKON	2.99 T
SM COFFEE	0.99 T
BRKEST #1	0.99 T
ORANGE JUIC	0.99 T
BRKFRM BLEND	0.99 T
S/CRANBLSAUC	0.99 T
W/SANGT #1	0.99 T
BRKFS FR JUIC	0.99 T
HORANGE	0.99 T

SUBTTL 11.49
TAX 0.80
TOTAL 12.29
GST 0.70
CHANGE 8.51

ITEM 14
Dec 28 1994
CLERK

WELCOME / BIENVENUE
PETRO-CANADA
1822 ROUNTREE
WOODBRIDGE
ONTARIO L4L 5K3

857/TPS: 131/55573 (905) 856-4931
1994-12-29 0000046 09:57

PRODUCT	QTY	PRICE	AMOUNT
REGULAR/GRO.	49.0	0.189	9.261
TOTAL			92.83

STAGE 1 & L. HTAXES EXCL.

DETAILED TOTAL \$1.51

INVOICE/PADLOCK: 148788 OPEN: 4
METER NO: 519123681301493
AUTHOR: [Signature]

Signature

CLARENDON



Land Registry
Enregistrement immobilier

Ontario

Land Titles
Droits immobiliers

P.P.S.R.
E.D.S.M.

Request for Service Demande de Service

WARNING / AVERTISSEMENT

\$5,000 fine for alteration or removal of documents or records
Une amende de 5000 \$ sera infligée à toute personne qui modifiera ou enlèvera des documents ou des dossiers

Firm Name / Nom de l'entreprise: **F.T. ARCHIBALD** Phone No. / No de tél: **736626**

Address Street No. / Adresse N°: **668 Milway** Street Name (in full) / Nom de la rue (en complet): **UNITS CONCORD**

Reference / Référence: **1** City/Town / Ville: **CLARENDON**

Date: **JAN. 9/95** Name of Searcher / Nom de recherchiste: **F.T. ARCHIBALD**

Parcel(s) / Parcelle(s)	Section(s)	Concession	Range / Rang	Lot(s) / Plan
1				CONC. IX - LOT 28
2				CONC VIII - LOT 30
3				
4				
5		9 JAN 95	AA 9728	12-21
6	#8728	SERU-5		5.00
7	#8728	SERU-5		5.00
8		ANTIQUE		\$10.00
9		WASH		\$20.00
10		CHANCE		\$10.00
11				
12				

Diagonally stamped text: "Paid" repeated multiple times

Fees for Searches / Frais de recherche: **2** **10**

Documents: _____
Large Copies / Copies grand format: _____
Small Copies / Copies petit format: _____

Other Services (city): _____
Other services (y): _____
White Prints / Diazotypie: _____

Your Receipt Total \$

AMOUNT: 30.00
TOTAL: 30.00
REGULAR REGULAR: 30.00
GST INCL IN FUEL: \$1.96
PRICE: 30.00
QTY: 1.00
ITEM: 1.00
URM: R106358773
28/12/1994 14:18

CLARENDON
WELCOME TO IMPERIAL OIL LTD.
JAMES GENERAL STORE
GENERAL DELIVERY
PLENA, ON K0H 2M0

AGREEMENT...
TOTAL...
CARRIAGES...
TOTAL APPROX...
TOTAL: \$1.50

REF NO: 88 97
ACT PURCHASE
CARD # 123456
MID: 88 97
TERM: 12 MONTHS
LARGE
PORT HOPE
MAY 28 AT 481 PO 80
SAISS CASH

PRODUCT: 1.07
GST: .88
PST: 1.00
TOTAL: \$14.14
CLARENDON
627589 B
X
SED NO. 001-001-014

230 498 915 9 10017 ESSO INV: 9937141
JEAN'S UPTOWN E L&Y
7881 WOODBINE AVENUE 95/01/88 12:23
MARKHAM ON AUTH: 000514

ITEM	QTY	PRICE	TOTAL
UNLEAD	45.838L	0.473	21.386

NOTE: GST IN FUEL: 1.39
TOTAL: 21.38
SIGNATURE: *[Signature]*
THANK YOU. COME AGAIN. CLARENDON
GST# 121461187

ORD# 161
1 RST BEEF 3.49
1 SAND DEL 1.10
SUBT 4.59
PST1 .37
GST .32
TOTL 5.28
5.28 CASH
CHNG .00 CASH

JAN 9, 1995 11:42
SHIFT # 2 D 1
E#132761 S# 645 T# 1



Ministry of
Northern Development
and Mines
Ontario

**Report of Work Conducted
After Recording Claim**
Mining Act

Res. Dep. Tweed
Transaction Number
W9690.00004

2.16406

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, 150 Cedar Street, Sudbury, Ontario, P3E 8A5, telephone (705) 676-7264.

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



31C15NW0017 2.16406 CLARENDON

900

Recorded Holder(s) Frederick T. Archibald		Client No. 102807
Address 668 Millway Ave. Unit 15, Concord, Ontario L4K 3V2		Telephone No. 905-660-0501
Mining Division Southeastern Ontario	Township/Area Clarendon Twp.	M or G Plan No. M77
Date Work Performed From December 28, 1994	To April 21, 1995	

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	VLF Electromagnetics/Proton Magnetics/Geological/Sampling
<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 \$ ~~14,744.~~ **14,275**

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 90 days of a request for verification.

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

Name	Address
F. T. Archibald Consulting Ltd.	668 Millway Ave. Unit 15 Concord. Ontario L4K3V2

RECEIVED

FEB 5 1996

MINING LANDS BRANCH

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 January 25, 1996	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	---------------------------------	--

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
Frederick T. Archibald 668 Millway Ave Unit 15 Concord, Ontario L4K 3V2

Telephone No. 905-6600501	Date January 25, 1996	Certified By (Signature) <i>[Signature]</i>
-------------------------------------	---------------------------------	--

For Office Use Only

Total Value of Recorded \$14,275	Date Recorded Jan 26/96	Mining Records <i>[Signature]</i>	RECEIVED JAN 26 1996 AM 7,8,9,10,11,12,1,2,3,4,5,6 PM
	Date Approved Jan 25/96	Date Approved <i>[Signature]</i>	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
00	1191457	22
41	1191458	8
00	1191459	2
Total Number of Claims		3

Value of Assessment Work Done on the Claim	Value Applied to this Claim
3,781 4,021	3,600
10,488 10,723	9,600
-----	1,075 1,544
Total Value Work Done	Total Value Work Applied
14,275 14,744	14,275 14,744

RECEIVED
 FEB 5 1996
 MINING LANDS BRANCH

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
181 421	-----
888 1123	-----
-----	-----
Total Assigned From	Total Reserve
1,075	

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>[Signature]</i>	Date JAN 26/96
---	---------------------------------	-------------------



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

W9690.0000

2.16406

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, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

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) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	1020	
	Field Supervision Supervision sur le terrain	5400	6420
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type office map/ & report	1800	
	Assayers	1544 ✓	3344
Supplies Used Fournitures utilisées	Type photocopy	7	
			7
Equipment Rental Location de matériel	Type drill rental	2125	
	(till sampling)		2125
Total Direct Costs Total des coûts directs			11896

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 fuel	250	
Food and Lodging Nourriture et hébergement	1464	1464	
Mobilization and Demobilization Mobilisation et démobilisation	@ 30¢/km	1134	
Sub Total of Indirect Costs Total partiel des coûts indirects			2848
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			2379 2848
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			14,275 14,744

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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

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. 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 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. 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	Évaluation totale demandée
	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 recorded holder I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces 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 _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature 	Date Jan. 25, 1996
---------------	-----------------------

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

April 24, 1996

Our File: 2.16406
Transaction #: W9690.00004

Mining Recorder
Ministry of Northern Development & Mines
MacDonald Block, Room M2-17
900 Bay Street
Toronto, Ontario
M7A 1C3

Dear Mr. Denomme:

**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIMS
SO.1191457 & 1191458 IN CLARENDON TOWNSHIP**

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 12, Geology, Section 14, Geophysics (MAG & VLF) and Section 17, Assays, of the Assessment Work Regulation.

THE APPROVAL DATE IS APRIL 23, 1996.

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

Yours sincerely,
ORIGINAL SIGNED BY:



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

af LBJ/jl

cc: Resident Geologist
Tweed, Ontario

✓ Assessment Files Library
Sudbury, Ontario

Miller Twp. (M.127)

THE TOWNSHIP OF
CLARENDON

2.16406 COUNTY OF FRONTENAC
SOUTHERN ONTARIO
MINING DIVISION

RECEIVED
JAN 5 1996

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- TRAILS
- PATENTED S.R.O.

NOTES

This Map Is Not To Be Used FOR SURVEY PURPOSES

Lot And Concession Lines Shown Hereon Are Projected From The Best Information Available, But Their True Position Is Not Guaranteed. For Official Survey Purposes Consult The Original Survey Plans And Field Notes Of Records In The Ministry Of Natural Resources.

400' surface rights reservation along the shores of all lakes and rivers.

Flooded Lands Shown Thus:

Flooding Rights Reserved On Cross Lake And Fawn Lake To Elevation 110.5'. File: 126113.

Original Survey Line Of Frontenac Road Shown Thus:

Islands in Clarendon Lake shown thus
Surface Rights Only withdrawn from staking. File: 160708.

AREAS WITHDRAWN FROM STAKING
S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

Section	Order No.	Date	Deposition	File
Ⓢ	Reserved for Public Use		SR	87431
Ⓜ	M.N.R. Reservation		SR	125573
Ⓡ	Reservation		SR	140881
Ⓡ	Reservation		SR&MR	92375

DATE OF ISSUE
JAN 26 1996
SOUTHERN ONTARIO
MINING DIVISION

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

PLAN NO.-M.77

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

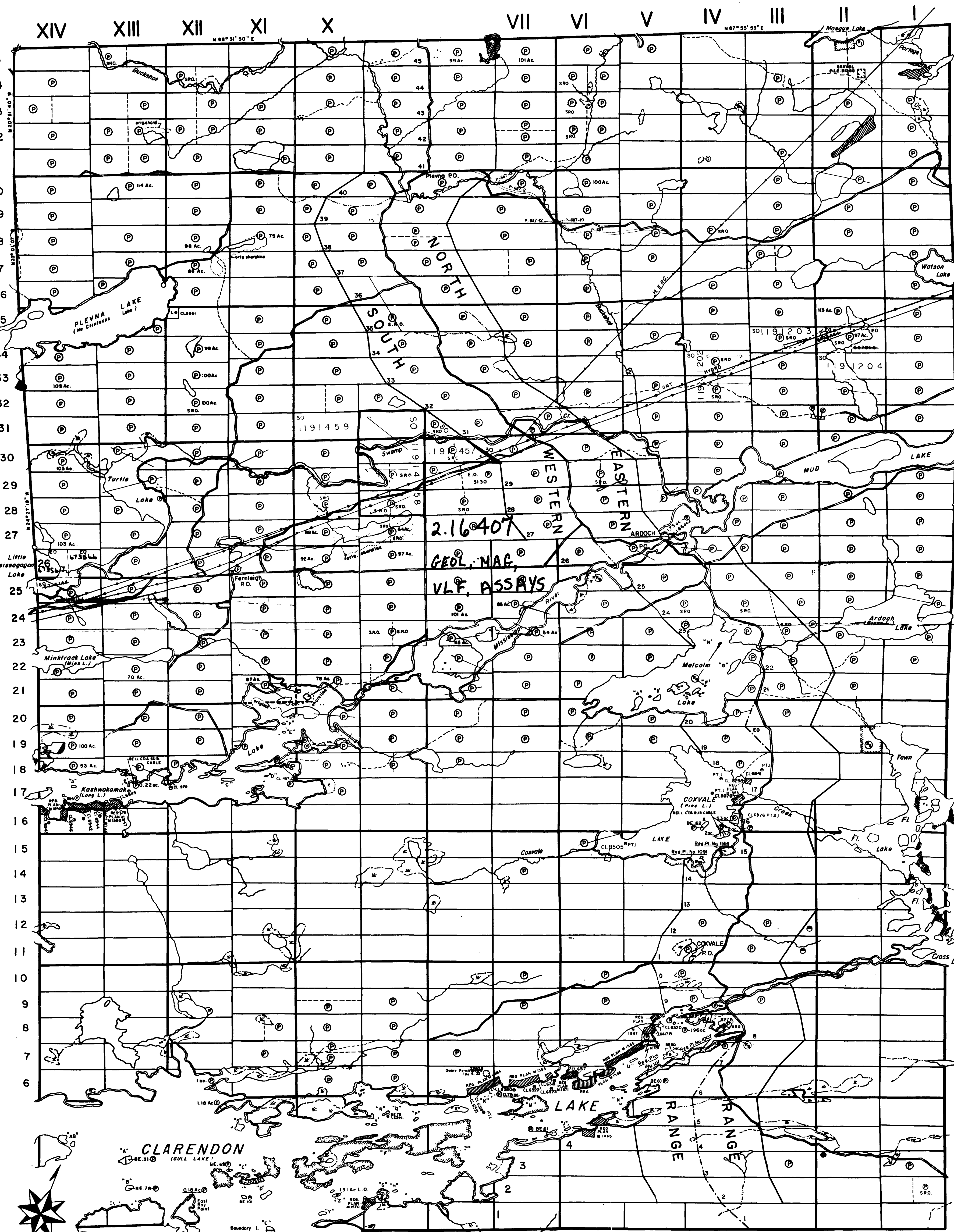
Barrie Twp. (M.50)

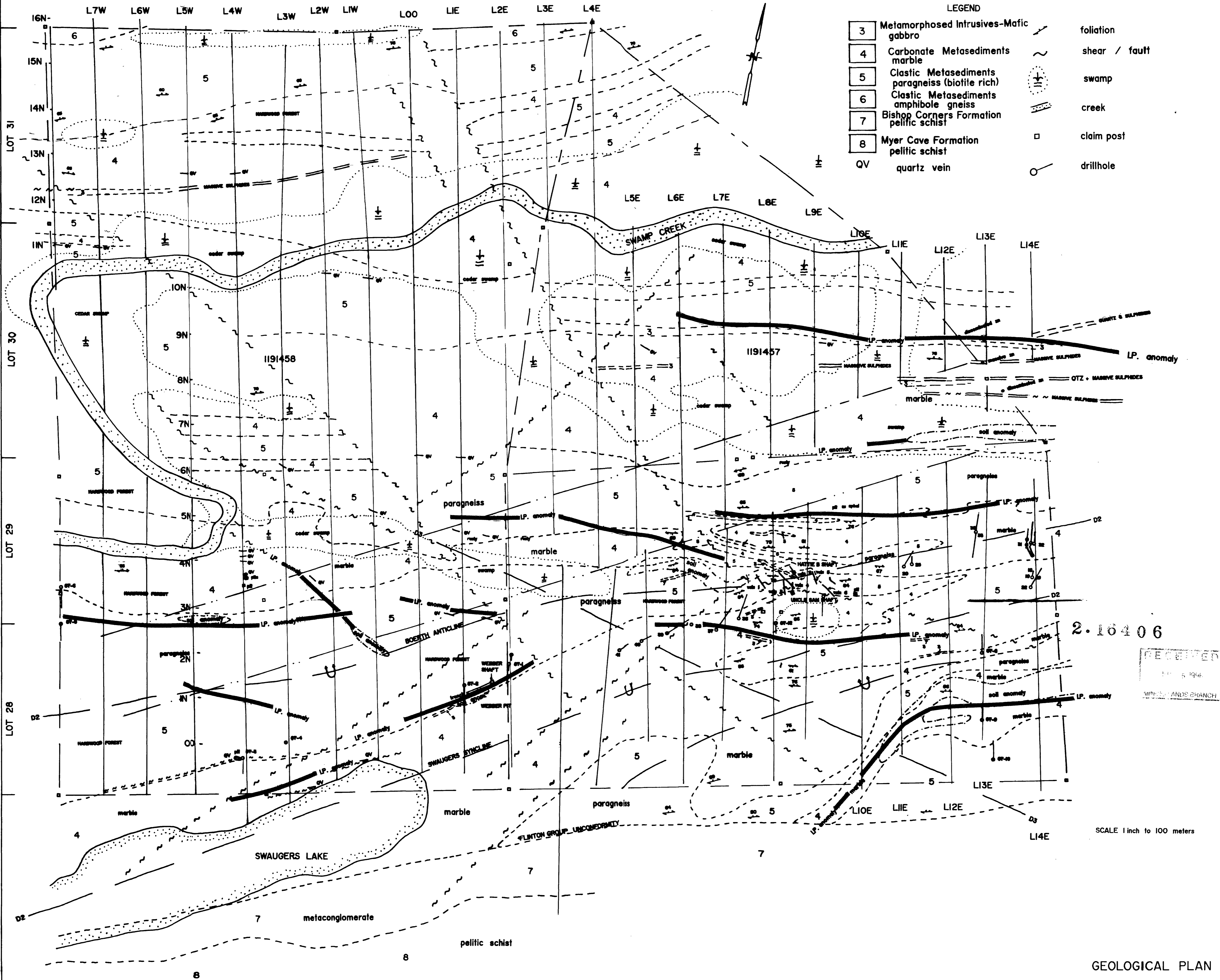
Palmerston Twp. (M.139)



CLARENDON
(GULL LAKE)
Kennebec Twp. (M.109)

Olcen Twp. (M.136)



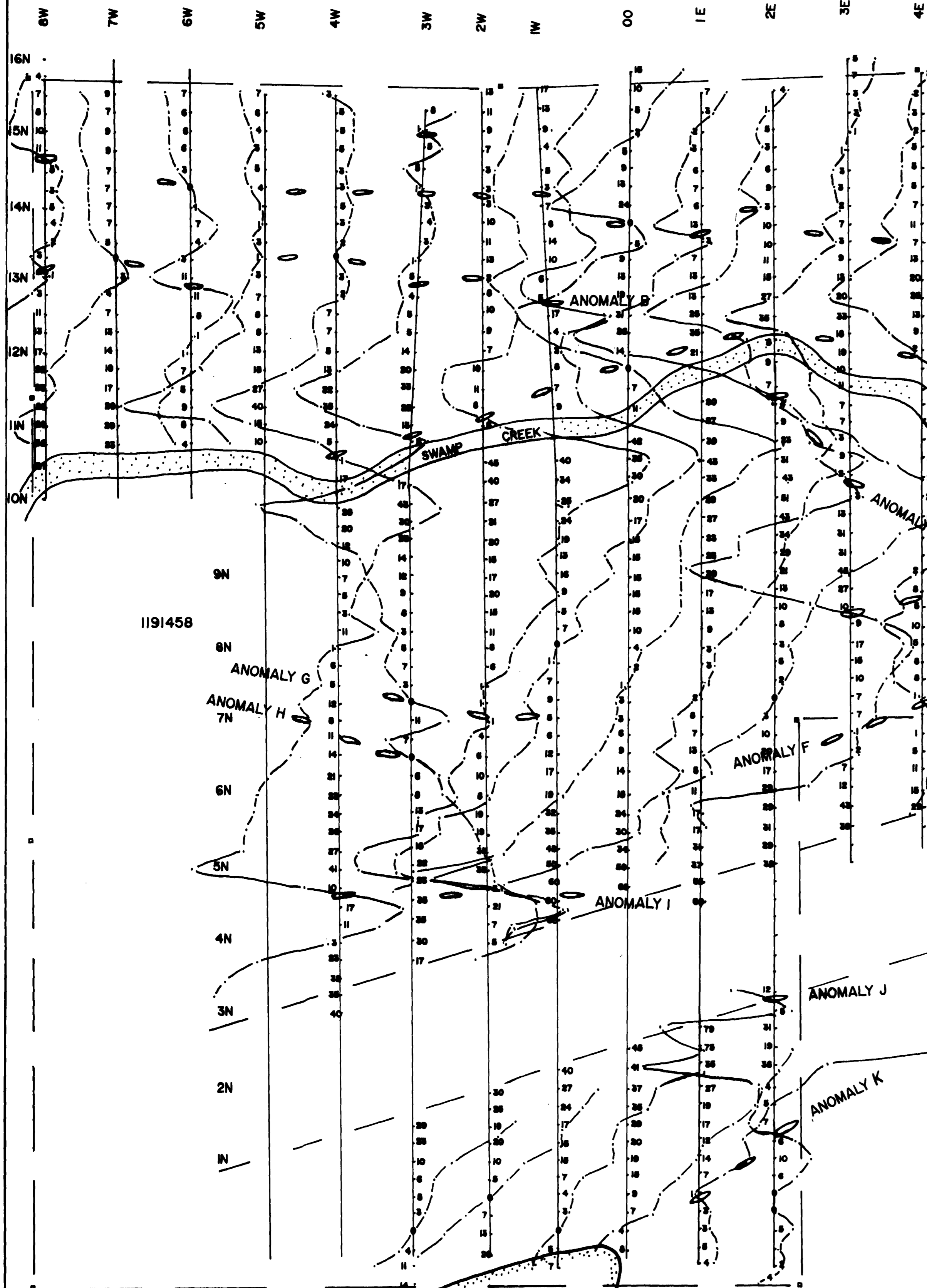


SCALE 1 inch to 100 meters

GEOLOGICAL PLAN



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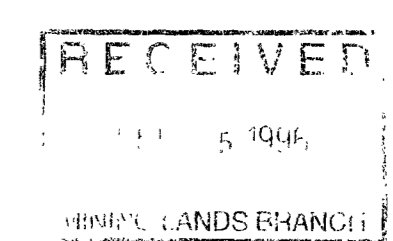
LOT 31

LOT 30

LOT 29

LOT 28

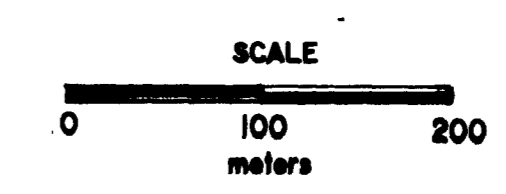
2.16406



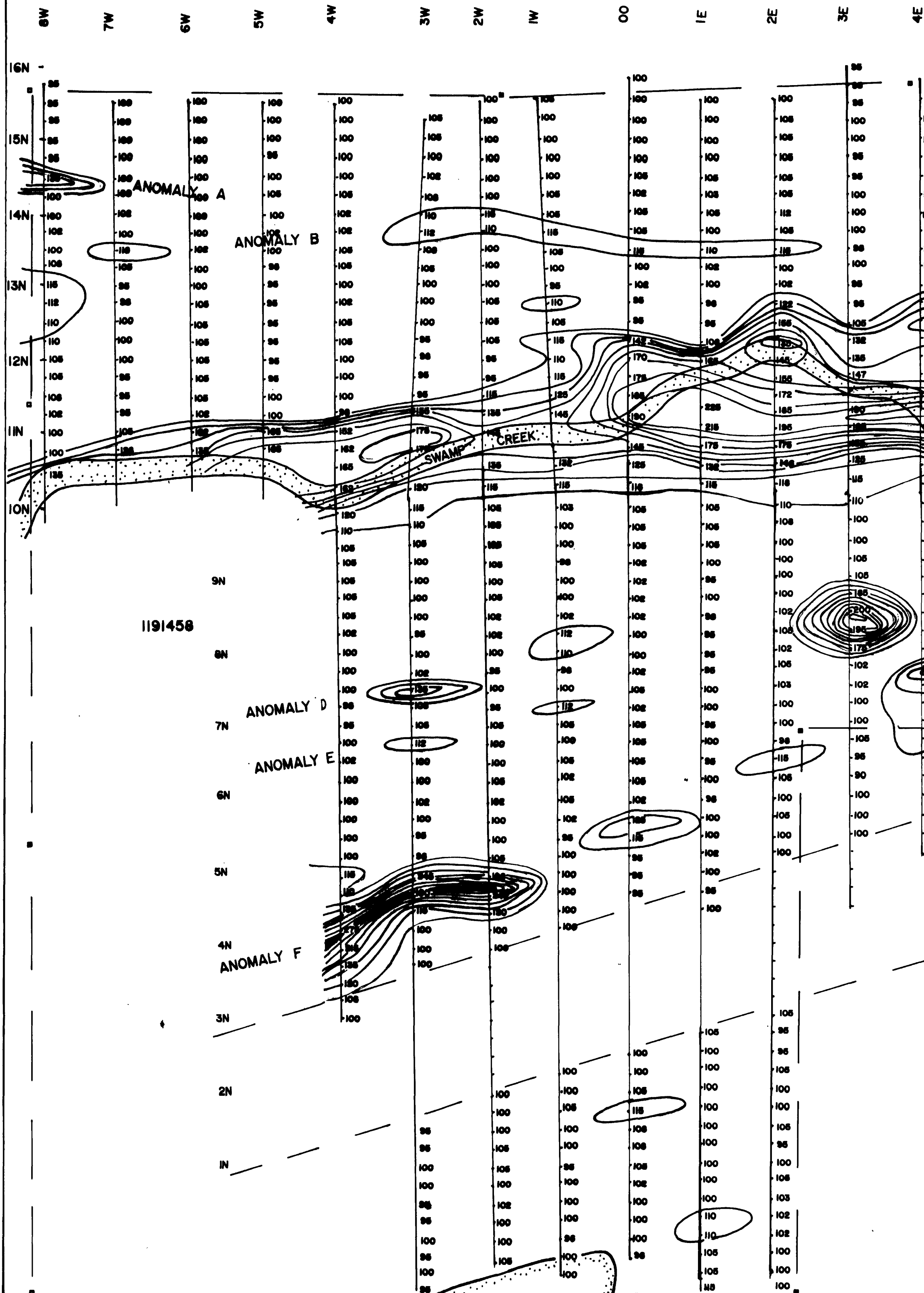
LEGEND

- Station - Seattle, Washington 24.0 Khz.
- ve 4 | Anomalous Trend
- +ve 4 | Anomalous Crossover
- Contour at 1 inch to 20 degrees

CLARENDON ZINC SHOWING
VLF ELECTROMAGNETIC SURVEY
Dip Angle Measurements



B. Archibald



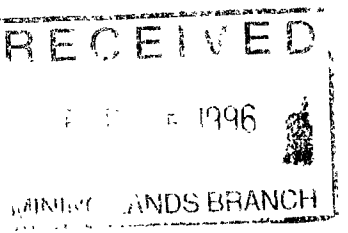
LOT 31

LOT 30

LOT 29

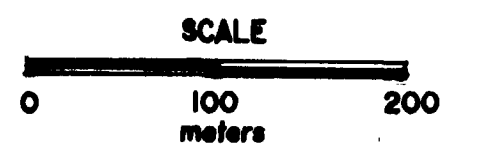
LOT 28

2.16406

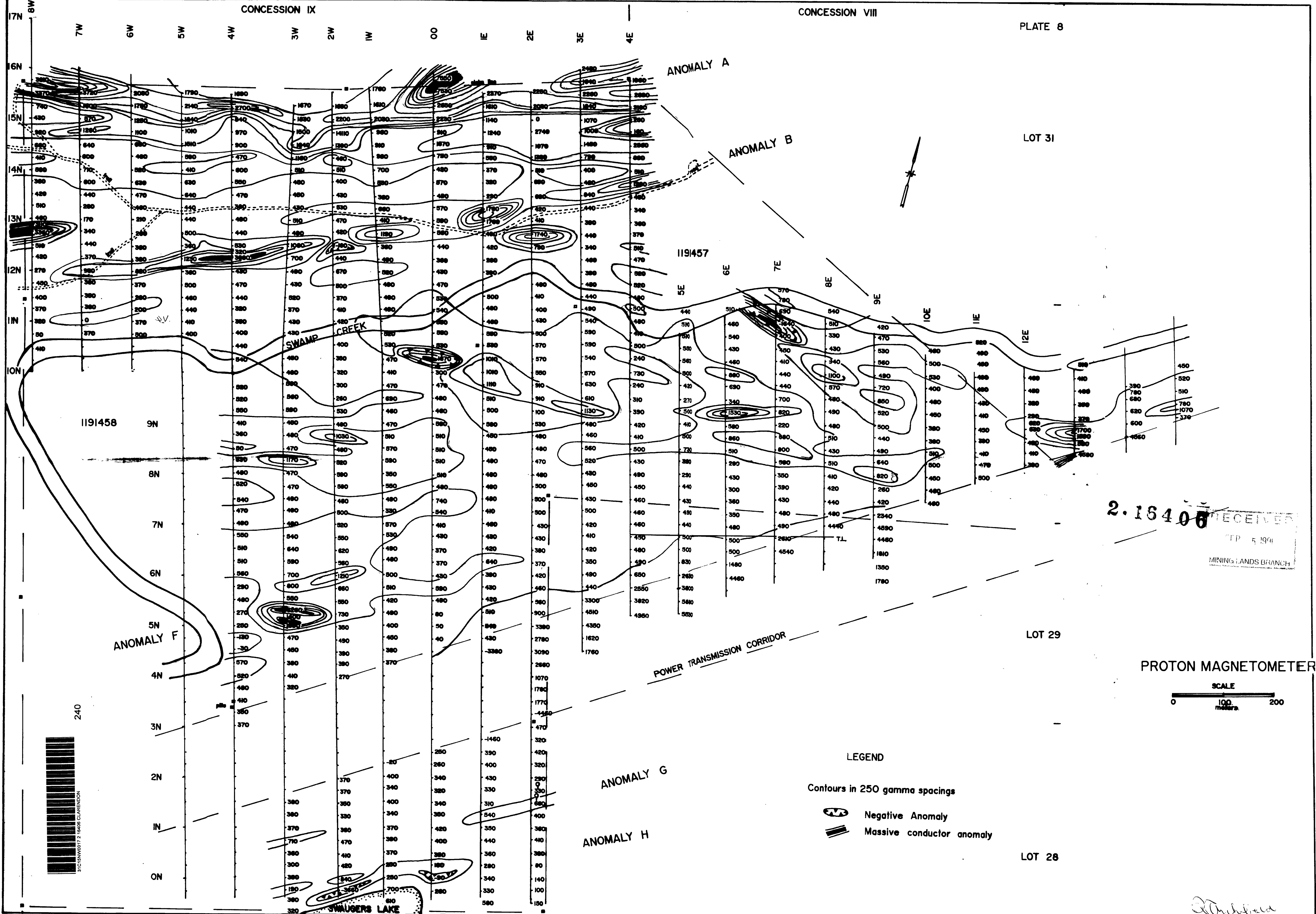


LEGEND
 contour at 10% intervals
 Station - Seattle, Washington
 24.0 KHz

Clarendon Zinc Showing
 VLF ELECTROMAGNETIC SURVEY
 Field Strength Measurements



D. Ashford



240

31G(SM0017) 2 1508 CLARENDON

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MINING LANDS BRANCH

PROTON MAGNETOMETER

SCALE
0 100 200
meters

LEGEND

Contours in 250 gamma spacings

Negative Anomaly

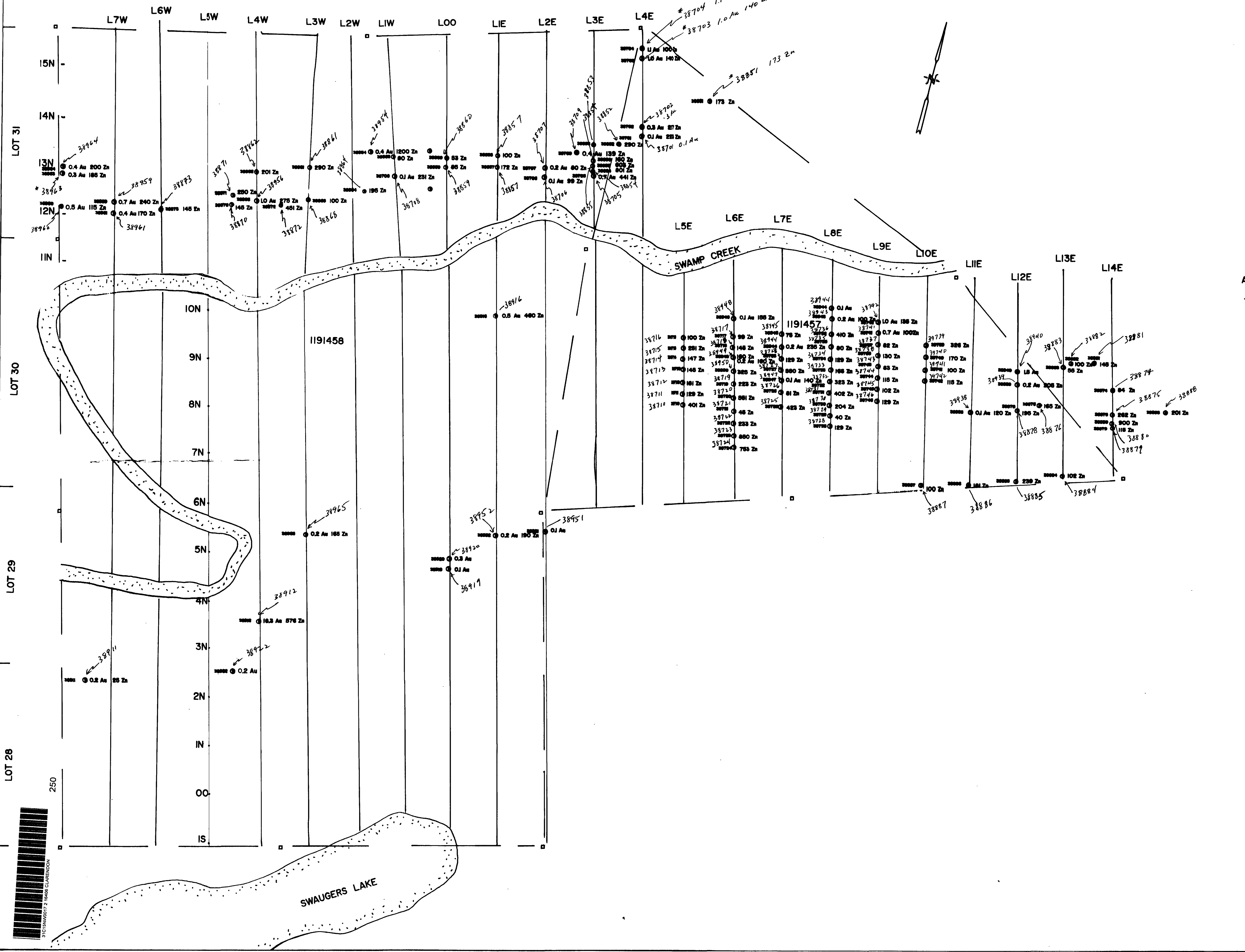
Massive conductor anomaly

LOT 28

LOT 29

LOT 31

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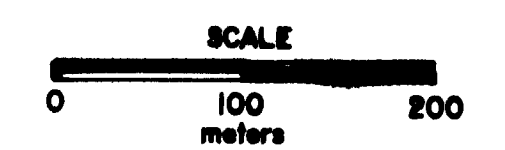
LEGEND

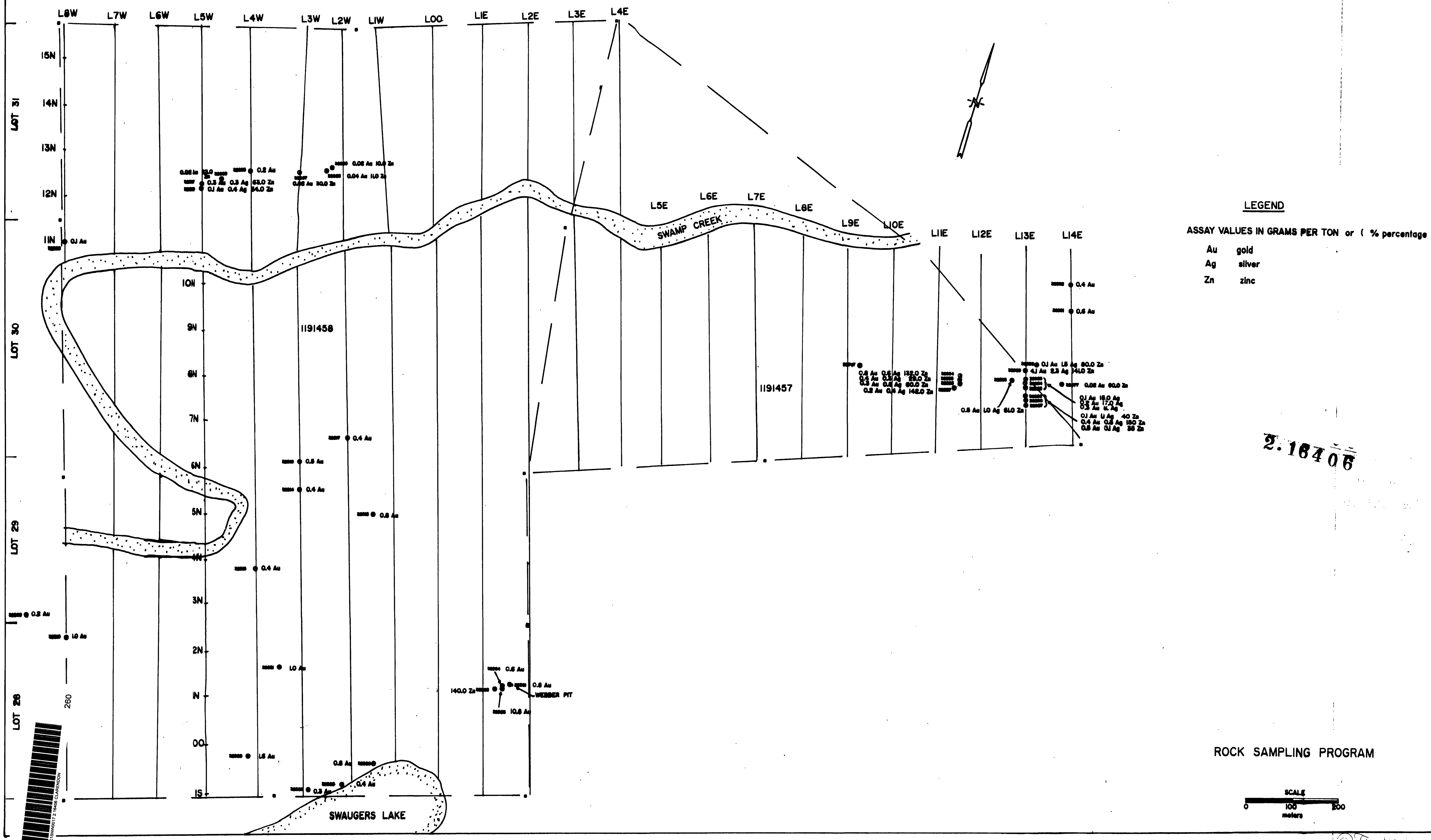
ASSAY IN P.P.M. (parts per million)

SAMPLE NO.	Au (p.p.m)	Zn p.p.m
38888	0.1 Au	135 Zn

2.16406

TILL SAMPLING PROGRAM





LEGEND

ASSAY VALUES IN GRAMS PER TON or (% percentage)

- Au gold
- Ag silver
- Zn zinc

2.16406

ROCK SAMPLING PROGRAM



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