SUMMARY GEOLOGICAL REPORT

GREENLAW TOWNSHIP CLAIM GROUP

SWAYZE AREA

ONTARIO

FOR

KERVIN MCDONOUGH

L.D.S. Winter
Norwin Geological Ltd.
June 14, 1991

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1. INTRODUCTION

Kervin McDonough holds two (2) claim groups totalling 62 mining claims within Greenlaw and Cunningham Townships, Porcupine Mining Division, Ontario (Figure 1). The writer was requested by Mr. McDonough to carry out a property examination to help assess the potential of the property for gold mineralization of economic significance. The property was visited on June 10 and 11 by the writer assisted by Mr. Jim McAuley. Approximately half a day was spent looking at the Hotstone West claim area and one day was spent visiting the gold showings and mapping and sampling recently stripped areas in the northeast part of the Ridout East claim group.

The following report summarizes the regional and property geology based on a review of the literature and our current field work. Recommendations are presented for additional work on the property.

2. PROPERTY LOCATION AND ACCESS

The property consists of 62 unpatented mining claims in two groups in good standing illustrated in Figure 2. The claims are as listed below.

Hotstone West Claims

P.1129270

P.1129271

P.1129272

P.1129273

P.1129274

P.1129275

TOTAL 6 Claims

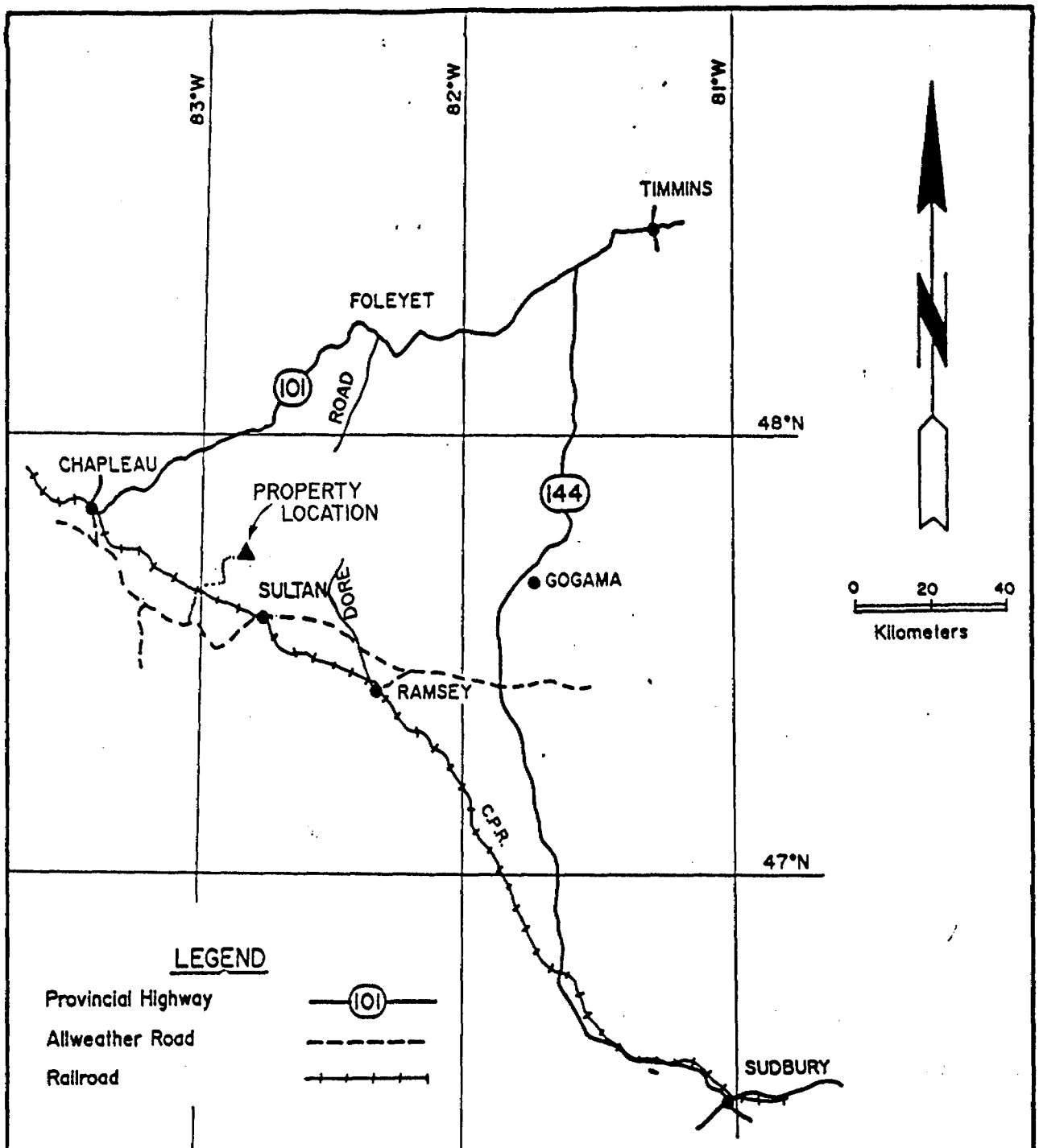

FIGURE I

GREENLAW TOWNSHIP CLAIMS

SWAYZE AREA, ONTARIO

LOCATION MAP

JUNE, 1991

Ridout East Claims

P.1155697*
P.1155698*
P.1155699*
P.1155700*
P.1155701*
P.1155702*
P.1155703*
P.1155704*
P.1155705*
P.1155706*
P.1155707*
P.1155708*
P.1155709*
P.1155710*
P.1155711
P.1155712
P.1155713
P.1155714
P.1155715
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P.1155739
P.1155740
P.1155741
P.1155742
P.1155743

P.1155106
P.1155107
P.1155108
P.1155109
P.1155110
P.1155111
P.1155112
P.1155113
P.1155114
P.1155115
P.1155117

* Cunningham Township

TOTAL 56 Claims

The property is located in the central and eastern part of Greenlaw Township and the extreme northwestern corner of Cunningham Township in the District of Sudbury, Porcupine Mining Division of northeastern Ontario at 47° 43'N latitude, 82° 48'W longitude. This is approximately 130 km southwest of Timmins and 200 km northwest of Sudbury, Ontario (Figure 1).

The property can be readily accessed by vehicle from Provincial Highway 667 running west from Sultan to Chapleau. Approximately 20 km west of Sultan the Kormack Road provides access to the Betty Lake Road which leads to Toombs Township from which an east trending road leads directly to the west shore of Hotstone Lake. From here, the West Hotstone claim group can be accessed on foot and the Ridout East property can be accessed by boat or canoe.

3. REGIONAL GEOLOGY

The subject claims are underlain by Early Precambrian-Archean rocks of the Abitibi Subprovince of the Canadian Shield within the Swayze Greenstone Belt which is about 45 km long and 29 km wide. It is truncated at its western extremity by the Kapuskasing structural zone and to the east, the belt separates into two arms with the north arm trending towards the Porcupine area and the south arm trending towards the Gogama and Shiningtree areas.

Within the Greenlaw Township area, all of the rocks occur in steeply-dipping fold structures whose axes trend in a general but sinuous east-west path. Tholeiitic volcanics and clastic to chemical metasediments are present. Mafic and ultramafic rocks commonly intrude metavolcanic sequences. Komatiitic volcanics appear to represent basal units of volcanic cycles. Small plutons of granitoid composition and lamprophyre dikes intrude the greenstone supracrustals.

Chemical and clastic sedimentation occurred during the

DENYES TWP.

GREENLAW TWP.

EAST
RIDOUT
CLAIM
GROUP

RIDOUT LAKE

HOTSTONE LAKE

WEST
HOTSTONE
CLAIM
GROUP

WAKAMI RIVER

PATENTED CLAIMS
RHODES RESOURCES

N

0 200 1000 2000
METERS

GREENLAW TWP.

CUNNINGHAM TWP.

FIGURE 2

GREENLAW TOWNSHIP CLAIM GROUP

K. McDONOUGH

SWAYZE AREA, ONTARIO

JUNE, 1991

development of the volcanic pile. Chert, cherty iron-formation and sulphide-rich exhalitive units, often graphitic, are present. Spatially associated with the main chert units are small bodies of feldspar porphyry considered to be sub-volcanic intrusions.

Metasediments appear to be more common in the east and west parts of the belt and consist of polymictic conglomerates and minor arkosic sandstone and slate.

Mafic intrusions occur in the central part of the belt associated with mafic volcanics. The composition of these rocks vary from dominantly gabbro to diorite.

The metamorphic foliation in the area trends approximately east-west and dips vertically to sub-vertically. Shearing parallels regional east-west foliation. North-northwest trending faults are indicated by lithological displacements. East-northeast trending faults are also present.

4. PROPERTY GEOLOGY

4.1 HOTSTONE WEST CLAIM GROUP

These six (6) claims are underlain by sheared, intermediate to mafic flows, fragmentals and possibly volcaniclastics sediments. The most significant feature is the Hotstone Lake carbonate zone trending approximately east-west through the southern part of the claim group. This deformation zone has been extensively trenched and drilled on a wide spacing on the adjacent property of Rhodes Resources which has been explored by Noranda Exploration Ltd. On the northern edge of a linear swamp along the southern edge of this deformation zone, Noranda Exploration in 1984 discovered 13 quartz boulders heavily mineralized with gold (Figure 4).

4.2 RIDOUT EAST CLAIM GROUP

This claim block lies in the central and eastern part of Greenlaw Township and is underlain by two (2) main units, intermediate to mafic metavolcanics to the north and metasediments to the south and southwest. All units trend approximately east-west and dip steeply.

The writer and Jim McAuley spent one day mapping in the northeastern end of Ridout Lake and along the northeastern shore of the lake where areas had been stripped. This area is considered to be underlain by intermediate to felsic fragmental metavolcanics. For the most part, they appear to be thinly laminated tuffs which have a superimposed tectonic fabric trending at 080°-090°. In this area mafic sills interlayered with the intermediate to felsic fragmentals were observed.

Work by and for Kervin McDonough in the northeastern end of Ridout Lake has indicated four (4) areas of quartz veining containing elevated gold values up to 0.173 oz/t. These occur at the northeast end of the lake where there appear to be two (2) foliation directions; one at approximately 060 and the other at approximately 080° - 090° (Figures 3 and 4).

The writer and Jim McAuley carried out preliminary mapping and sampling of recently stripped areas on the northeast shore of Ridout Lake. Within this area stripping has exposed one outcrop of strongly sheared, altered, silicified metavolcanic(?) intruded by quartz veins (Area 1; Figure 3). This outcrop shows a deep chocolate-red-brown weathering rind and is very similar to rock units in the Hotstone Lake carbonate zone. Approximately 30 metres to the north of this outcrop a similar strongly altered boulder was overturned during the course of road building by the bulldozer (Area 2; Figure 3). Immediately to the north, what appears to be a mafic sill, is moderately well foliated and pervasively altered by spotty carbonate alteration over a considerable area (Area 3; Figure 3).

Further east, immediately adjacent to Ridout Lake, a previously known showing shows a 1 metre width of very siliceous material which is mineralized with pyrite filling fractures parallel to the foliation. Pyrite also occurs in thin 1 mm wide fractures which crosscut the foliation at approximately 90°. On the north edge of this zone of highly siliceous material, the metavolcanics are intensely and pervasively altered to carbonate and epidote (propylitic alteration?) (Area 4; Figure 3).

5. SAMPLING RESULTS

During the preliminary mapping of the stripped areas in the northeastern part of Ridout Lake a number of samples were taken and they were sent to Accurassay Laboratories Ltd., Kirkland Lake for analysis for gold. The descriptions of the samples, their location and the results obtained from this preliminary sampling are presented below.

DENYES TWP.

GREENLAW TWP.

POTENTIAL CARBONATE / DEFORMATION ZONE

EAST RIDOUT CLAIM GROUP

RIDOUT LAKE

HOTSTONE LAKE

WEST HOTSTONE CLAIM GROUP

NE FOLIATED ZONE

WAKAMI RIVER

GOLD FLOAT

PATENTED CLAIMS RHODES RESOURCES

GREENLAW TWP.

CUNNINGHAM TWP.

N

0 200 1000 2000

METERS

- GOLD MINERALIZATION
- TOPOGRAPHIC DEPRESSION / LINEMENT - INTERPRETED FAULT
- CARBONATE / DEFORMATION ZONE

FIGURE 4

GEOLOGICAL COMPILATION

GREENLAW TOWNSHIP CLAIMS

K. McDONOUGH

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SAMPLE NO.	DESCRIPTION	ASSAY RESULTS
183801	Very siliceous, dark grey, massive containing small stringers of pyrite parallel to the foliation. Also crosscutting (90°) thin 1 mm pyrite stringers surrounded by 1 mm dark green to black alteration (chlorite?).	ppb oz/t
183802	Highly altered wallrock to above sample. Rock is medium grey being altered to pale green to greenish yellow (propylitic). Moderately well foliated parallel to silicified zone. No visible sulphides.	ppb oz/t
183803	Moderately well foliated mafic volcanics. Moderate to strongly carbonatized, carbonate veinlets.	ppb oz/t
183804	Same as sample 183803.	ppb oz/t
183805	This is a boulder picked up by the bulldozer. Strongly altered to iron carbonate with irregular crosscutting quartz veinlets. Strong rind of chocolate-red-brown limonite weathering.	ppb oz/t
183806	Same as sample 183805.	ppb oz/t
183807	Very strongly altered. Rock is pale yellow-brown with some dark grey sections in it. Strong iron carbonate alteration, silicified, cut by quartz veins 2 to 3 and up to 5 mm wide.	ppb oz/t
18308	Same as sample 183807.	ppb oz/t
183809	Quartz vein material up to 15 cm wide quartz vein varying from black through grey to white in colour. Well fractured on a rectangular pattern. Occasional specks of disseminated pyrite. Less than 0.5%.	ppb oz/t
183810	Same as sample 183809.	ppb oz/t
183811	Host rock is medium grained, mafic intrusive, moderately chloritized with scattered red hematite (and/or K-feldspar alteration). Contains veins of fluorite? and epidote and amphibole. Sample is dominantly epidote and fluorite material.	ppb oz/t

6. SUMMARY AND RECOMMENDATIONS

The Hotstone West property is underlain in its southern part by the western extension of the Hotstone carbonate / deformation zone which has been explored on the adjacent claims. Based on the known gold mineralization in this area and in particularly the high grade boulders discovered by Noranda, it is recommended that this claim group be further evaluated.

With regard to the Ridout East claim group, it is considered that the northeastern part of the property is of particular interest based on the intersection of two directions of regional foliation. In addition, within this area, quartz veins are present containing anomalous gold values indicating that mineralizing processes were active in the area. Our preliminary mapping following the recent stripping has identified one (1) area of very strong alteration, shearing silicification and quartz veining and a second area containing highly siliceous material mineralized with pyrite and accompanied by strong propylitic? alteration. It would appear that there may be a deformation zone trending at approximately 080° to 090° just north of Ridout Lake as evidenced by the strongly sheared and carbonatized material in this area. It would intersect the 060° trending zone in the northeast end of Ridout Lake (Figure 4).

To evaluate both the Hotstone West and also the Ridout East claim groups the following program is recommended. The purpose of the work is to define those specific locations which have the highest potential to host gold mineralization of economic significance. It is strongly recommended that the work in the Ridout East claims be carried out to evaluate the newly exposed areas of alteration.

Hotstone West Claim Group

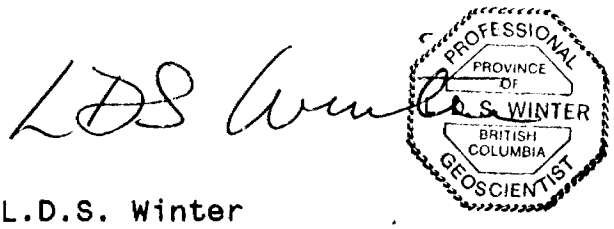
1. Line-cutting
2. Geological mapping
3. Geochemical humus and/or soil sampling
4. Stripping, washing, detailed mapping and sampling of areas of interest

Ridout East Claim Group

1. Line-cutting to establish a grid along the northeast shore of Ridout Lake
2. Washing of recently stripped outcrops
3. Geological mapping and sampling
4. Prospecting and hand stripping of areas of interest
5. Detailed magnetometer and VLF survey to assist in the geological interpretation
6. Additional power stripping and washing, sampling, mapping of areas of interest

Further work such as additional sampling, diamond drilling, etc. would be contingent upon the results of the above recommended work.

Respectfully submitted,



L.D.S. Winter
B.A.Sc., M.Sc., F.G.A.C.
June 14, 1991

CERTIFICATE OF QUALIFICATION

I, Lionel Donald Stewart Winter do hereby certify:

1. that I am a geologist and reside at 1849 Oriole Drive, Sudbury, Ontario, P3E 2W5,
2. that I am a Fellow of the Geological Association of Canada,
3. that I graduated from the University of Toronto in Mining Engineering in 1957 with a Bachelor of Applied Science and from McGill University, Montreal in 1961 with a Master of Science (Applied) in Geology,
4. that I have practised my profession continuously since 1957,
5. that my report on the Greenlaw Township Claim Group, Swayze area, Ontario is based on my personal knowledge of the geology of the area, a properly visit on June 10 and 11, 1991 and on a review of published and unpublished information on the property and surrounding area,
6. that I have no personal, direct or indirect interest in the Greenlaw Township Claim Groups, Swayze Area, Ontario or any adjacent properties, and I have written this report as a totally independent consultant.

L.D.S. Winter

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
L. D. S. WINTER
GEOSCIENTIST

L.D.S. Winter
B.A.Sc., M.Sc., F.G.A.C.
June 14, 1991

STATEMENT OF QUALIFICATION

I, James Bernard McAuley do hereby certify:

1. that I am a geologist and reside at 1112 Mederic Street, Hanmer, Ontario, P0M 1Y0,
2. that I graduated from Laurentian University, Sudbury, Ontario, in 1976 with an Honours Bachelors of Science Degree in Geology and received a Master of Science Degree in Geology form the same institution in 1983,
3. that I have practiced my profession for nine years,

James B. McAuley, M.Sc.,
Norwin Geological Ltd.
June 14, 1991

020

FINAL REPORT

RIDEOUT EAST/HOTSTONE WEST PROPERTIES

GREENLAW TOWNSHIP

NTS 41 O/10

47°43'N LATITUDE
82°48'W LONGITUDE

Qual. 2.14652

BARRY MCDONOUGH
NOVEMBER 4, 1990

1.0 INTRODUCTION

On July 5, 1990 Corona Corporation entered into an option agreement with Kervin McDonough, prospector, of St.Catharines, Ontario. Under the terms of the agreement Corona stands to earn a 50% interest in Mr. McDonough's eleven claims on Rideout Lake as well as his additional six claims adjacent to the Consolidated Rhodes patent claims on Hotstone Lake. As part of the agreement Corona staked forty-six additional claims on Rideout Lake. The purpose of these claims, contiguous to Mr.McDonough's, was to cover the Gold Island Shear which was investigated by A. Pryslak on his property examination of June 1990.

The following is a summary of the work that has been performed on these properties, designated Hotstone West and Rideout East respectively, since the commencement of the option agreement.

2.0 LOCATION AND ACCESS

Both properties are located within Greenlaw Township which is a part of the Porcupine Mining Division. Situated fifty miles east of Chapleau,Ontario the Hotstone West property is accessible by four-wheel drive vehicle. Rideout East is accessible by canoe along the Wakami River or from a portage on the northeast edge of Hotstone Lake. Air Service is available year-round (both fixed and rotary wing) from Timmins. Seasonal bases are in operation from Chapleau and Foleyet during the summer month.

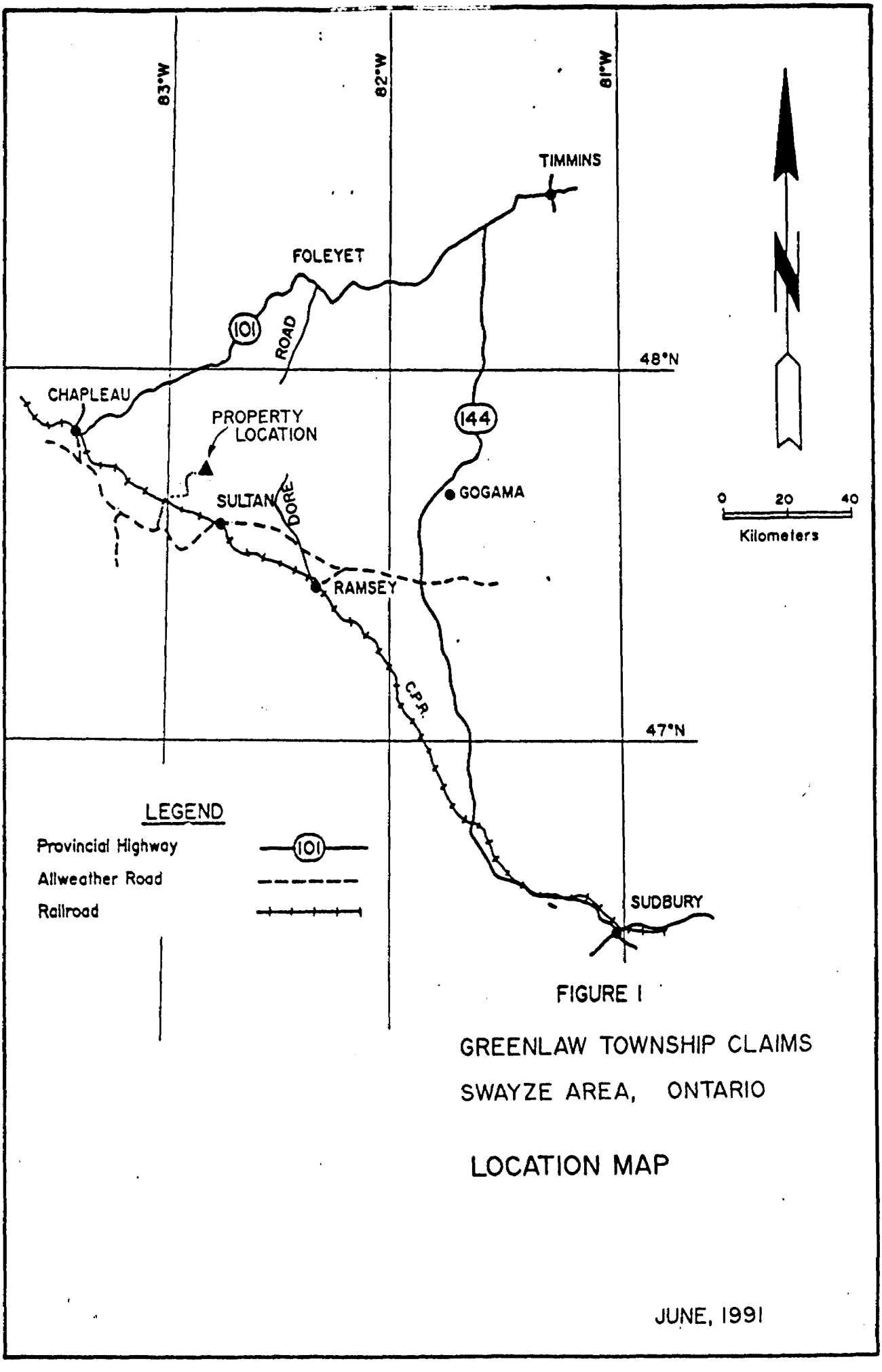


FIGURE 1

GREENLAW TOWNSHIP CLAIMS

SWAYZE AREA, ONTARIO

LOCATION MAP

JUNE, 1991

3.0 GENERAL GEOLOGY

Rideout East

The property is characterized by east-west trending intermediate to mafic volcanic flows and tuffs interbedded with sediments, chert and iron formation. The sediments include finely laminated argillite (some units containing thinly banded ankerite), greywackes and conglomerate.

Strata generally strikes 080 to 090 degrees and dips vary from moderate to steeply north to steeply south.

Structure plays a significant role in any mineralization. A number of structural elements are at play on this property. The most prominent is the Rideout Lake Shear Zone which trends 090 degrees. Extensively investigated in the past it has yielded few encouraging results.

Of particular interest in the Gold Island Shear, bearing 065 degees. It intersects the Rideout Lake Shear obliquely. At this junction significant gold values were obtained. Until this time little work has been done along this trend. Additional claims were staked by Corona to fully cover this structure.

Another structure of interest is the Engineer Lake Fault which trends approximately 350 degrees and truncates not only the Rideout Lake Shear but all other structures as well. This fault runs sub-parallel to the Wakami River Fault which cuts the

Hotstone Lake Carbonate Zone and displaces it some 1700 metres. The amount of movement along the Engineer Lake Fault is presently unknown. This structure inhabits to far eastern extent of the Corona property.

Chloritization is the most prevalent form of alteration in the area. Sericitization and carbonitization are abundant as well. Silicification has been noted in several local areas.

Hotstone West

Sheared and intermediate to mafic flows, tuffs and sediments typify the geology of the area. Its most significant feature is, however, the Hotstone Lake Carbonate Zone which is composed of interbedded ultramafic-komatiitic flows and tuffs, metasediments and minor cherty banded iron formation. The entire package is contained with a serpentinized massive ultramafic intrusive.

From an economic perspective, interest in this area is as a result of thirteen quartz boulders which were discovered in 1984 by Noranda Exploration while digging a sump for their stripping and washing program. The average assay for these boulders was approimately 1.5 ounce per ton Au with values ranging up to 14 ounce per ton Au.Visible gold was noted. Due to the angularity, size and extreme friability of these boulders it is believed that their source is in close proximity to their area of discovery.

4.0 WORK DONE

Rideout East

As a part of the agreement with Mr. McDonough Corona cut a

3.5 mile baseline along the Gold Island Shear (chained in imperial). In addition, a grid line perpendicular to this baseline was cut between Rideout and Little Rideout Lakes.

Between October 5 and October 23, 1990 three geologists began a geological survey along this baseline. Flagged lines were run at 400 foot intervals and were subsequently mapped and prospected. While incomplete at the time of this writing the mapping program was able to complete the first mile of the chained baseline. An unchained extension was also cut along the southeast shore of Ride- out Lake (northeast of Gold Island along the Gold Island Shear). This portion of the baseline was prospected along its length towards the junction of the Gold Island Shear and the Engineer Lake Fault.

Previous work done by Noranda discovered a two metre wide quartz vein within a silicified lapilli tuff along the north shore of Rideout Lake. It had already been tested by a trench in the past but further sampling by Noranda yielded values of 0.3 and 0.1 ounces per ton Au along the vein. A day was spent, by the Corona geologists, comprehensively resampling the old trench, the vein and the silicified wall rock. Prospecting along the strike of the vein and north of it was also done.

While investigating the Noranda results another shear was discovered further to the east. Extensively carbonate altered with a pyritiferous chert iron formation in close proximity, this zone was intensely sampled.

While prospecting this carbonate alteration zone another

shear running subparallel to the Gold Island Shear was discovered along the northeast shore of Rideout. Exhibiting bull quartz vein with a weak similarity to those on Gold Island this trend was only sampled in a superficial manner.

Other work performed included extending the cut grid line 700 feet to Rideout Lake. Also, time was spent in an effort to locate holes drilled by Granges in 1979. Believed to be located along the Gold Island Shear these holes intersected base metal values of some interest. Unfortuneately efforts to restablish the holes met with little success.

Hotstone West

The majority of the work done on this property was performed by Mr. McDonough over the course of the summer. Trenches were dug and roads established with the assistance of a bulldozer in an effort to investigate the extent of the Hotstone Lake Carbonate Zone and to locate the source of the quartz boulders.

As was the case on Rideout Lake Corona cut a small grid over a portion of the six claims. Located in the southest corner of the claim block it consisted of cut grid lines in both north-south and east-west orientations. A total of 1.85 miles of grid was esta- blished. The only work done by the Corona staff on this property was mapping the locations of the trenches and roads with respect to this cut grid. In the course of doing this ten samples were taken.

5.0 RESULTS

Rideout East

The most promising results were obtained by A. Pryslak during his property examination of June 13,1990. Narrow quartz veins sampled on Gold Island returned values of 0.173 and 0.153 ounces per ton Au as their high.

Along the cut baseline the results were generally disappointing. The highest value obtained was 770 ppb gold within a chlorite-sericite schist (sheared sediment) containing quartz stringers and pods with trace amounts of pyrite and chalcopyrite. The other values of interest were 203 ppb and 170 ppb Au. Both were obtained within chlorite schist that contained some carbonate alteration and pyrite mineralization up to 10%. The sample that ran 170 ppb Au was taken from an old pit that was found ten metres south of the baseline.

Anomalous gold was also found on the north shore of Little Rideout Lake. An assay of 115 ppb Au was obtained 100 feet south of the baseline along Razor Edge Bay.

The North Rideout quartz vein, which was exhaustively sampled, returned a number of small values. Samples taken slightly west of the old pit yielded assays of 0.11 and 0.019 ounces per ton Au from the vein/host contact and the vein respectively. A sample from the old pit also returned an assay of 0.019 ounces per ton gold. From other samples taken along the vein, values up to 0.072 ounces per ton gold were obtained. These samples stretched over one hundred metres east of the main pit. Evidence of further blasting was also noted east of the

pit.

Another shear, characterized by pervasive carbonate alteration, found along the north shore of Rideout, returned only two results of note. Assays of 0.061 ounces per ton and 111 ppb Au were obtained from a weakly silicified carbonate-chlorite-sericite schist and a silicified chlorite-carbonate schist respectively. Historically, in this area, the presence of carbonate is indicative of low values. These results may be of some significance.

A small shear northeast of Gold Island is of particular interest. Running parallel to the Gold Island Shear, bearing approximately 065 degrees, this vein contains narrow quartz veins similar to those found on Gold Island. Two samples of these veins were taken and they assayed 0.046 and 0.013 ounces per ton Au. These results suggest an en echelon shear/quartz vein system containing anomalous gold values.

Prospecting conducted along the unchained baseline extension to the northeast returned disappointing values. Brittle fracture of intermediate to mafic intrusive rocks with subsequent quartz veining was discovered near the junction of the Gold Island Shear and the Engineer Lake Fault. The highest assay obtained was 10 ppb Au.

Hotstone West

Superficially investigated so little was obtained in terms of results. The stripping program was successful in establishing the continuity of the Hotstone Lake Carbonate Zone onto Mr.

McDonough's claims. Unfortunately the source of the quartz boulders was not located. Samples taken by Mr. McDonough returned low results. The highest value obtained was 745 ppb (0.022 ounces per ton) gold. Other values were below 20 ppb Au. Likewise the Corona samples taken yielded results less than 20 ppb gold.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Structurally complex, possessing local zones of known gold mineralization and containing areas of pervasive silica and carbonate alteration, the Hotstone/Rideout region has abundant potential for hosting a gold deposit of economic value. Further exploration is warranted on both the Hotstone West and the Rideout East properties.

The following programs are suggested:

1. The completion of the mapping program along the cut baseline and along the shores of Rideout and Little Rideout Lakes. 2. The follow up washing, mapping and systematic sampling (either chip or channel) of the Hotstone West trenches.

3. A winter geophysical program, consisting of magnetometre and VLF surveys, along the flagged lines extending off the baseline and across Rideout and Little Rideout Lakes.

4. A geochemical survey using the same flagged grid as the mapping and geophysical programs.

5. Detailed prospecting of any geological, geochemical or geophysical anomaly found.

Respectfully submitted,

Barry McDonough
Contract Geologist

APPENDIX 1

ROCK DESCRIPTIONS TO ACCOMPANY THE REPORT BY B. MCDONOUGH ON THE HOTSTONE WEST AND RIDEOUT LAKE EAST GRIDS.

The descriptions are correlated with the legend on the Hotstone West Grid Map Sheet and are based on the writer's observations during work on the properties June 10 and 11, 1992.

1. Ultramafic to Mafic Volcanic Rocks.

Mafic volcanic rocks are the most common type in the area and consist of fine grained massive to schistose, dark green metavolcanics. They consist of four types as briefly described below.

1a) Massive Mafic Volcanics

The massive mafic volcanics range from moderate to dark green in colour and appear to consist of varying proportions of plagioclase, amphibole and chlorite. Iron carbonate which often gives the rock a rusty weathering appearance is a common constituent.

1b) Pillowed Mafic Volcanics

Some of the mafic volcanics show well developed pillows. The pillows are commonly of a bun-shape with some of them being stretched out into more mattress-like forms. Commonly they have amygdaloidal tops with chloritic rims. The pillows are usually a medium to dark grained mass of chlorite and amphibole with some relic feldspars being observed.

1c) Sheared Mafic Volcanics

The sheared mafic volcanics show a well developed foliation which is accentuated by chloritization and commonly

sericitization. These rocks usually show variable amounts of carbonatization. The carbonatization is most strongly developed in the Hotstone West Grid along an east-west trending deformation zone. An east-northeast trending deformation zone through Rideout Lake is identified by the presence of the steeply dipping schistose mafic volcanics.

1d) Porphyritic Mafic Volcanics

Occasional outcrops of porphyritic mafic volcanics were observed. They usually consist of euhedral, 0.5 cm, white plagioclase phenocrysts in a dark green fine grained massive chloritic matrix. Whether these are porphyritic phases of larger flows or discreet flows is not known.

Some rocks within the mapped areas may have originally been of an ultramafic composition. These rocks are usually very dark, massive, fine grained and show a typical brown weathering surface pattern.

2. Mafic to Intermediate Volcanic Rocks

2a) Massive mafic to intermediate flows.

These rocks are as described above under Ultramafic to Mafic Volcanics. Some units show a lighter colour and as a result of this may represent a more intermediate composition.

2b) Pillowed Mafic to Intermediate Volcanics

See above description under Ultramafic to Mafic Volcanics. Again the lighter colour of the flows was used to discriminate between mafic and intermediate volcanics.

2c) Sheared Mafic to Intermediate Volcanics

These rocks are very similar to those described under Ultramafic to Mafic Volcanics above however, their lighter colour was used to indicate that some may have an intermediate composition.

2d) Tuff (fine grained volcanic fragmental)

Tuffaceous rocks appear to be quite common especially in the area of Rideout Lake where they consist of dark green, fine grained, well bedded mafic tuffs with laminations in beds ranging from 2 to 3 mm to 10 to 15 cm. Some of these rocks have a lighter colour and are tentatively classified as being intermediate in composition. In hand specimen the fragments are less than 1 mm with occasional plagioclase grains being observed. Chlorite, sericite and carbonate appear to make up the majority of the matrix.

2e) Porphyritic Mafic to Intermediate Volcanic Rocks

These rocks are similar to those described under Ultramafic to Mafic Volcanic Rocks except for the lighter colour and their possible classification as intermediate volcanics.

2f) Chloritic Schist

In a number of areas, the volcanics are completely converted to a chlorite schist particularly in the deformation zone trending east-northeast in the area of Rideout Lake. The original composition of these rocks is unknown however, they were probably mafic to intermediate volcanics. Now the rock shows a well developed foliation with chlorite being the dominant mineral accompanied by sericite, carbonate and foliation-parallel quartz stringers.

3. Intermediate to Felsic Volcanics

The felsic volcanic rocks exhibit a wide range of textures as observed in outcrop. Also the rocks vary in composition from rhyolite to dacite to trachyte with rhyolite (field term) being the most dominant type. The various felsic volcanic rock types, andesite, dacite, rhyodacite, rhyolite and trachyte will be described under the descriptions of massive, fragmental and porphyritic.

3a) Massive Felsic Volcanics

The massive fine grained white to buff-coloured felsic volcanic is the most common in the area. Many of these units have been carbonatized and show numerous calcite stringers and carbonate disseminations. In outcrop, the rocks vary from pinkish to whitish to often a greenish tint. Some of the units appear to be silicified and when so affected are extremely hard. Some of the massive rhyolites have been deformed and are now schistose rocks and consist of quartz, feldspar and sericite.

3b) Fragmental Rocks

Felsic volcanic tuff and breccia were observed throughout the areas visited by the writer. The fine grained units are usually buff-coloured and poorly to well bedded with beds varying from 0.5 cm to 15 cm. A few areas showing coarser grained fragments were observed.

3c) Porphyritic Rocks

Porphyritic felsic volcanics were also observed in the area. They are generally buff to greyish in colour, very fine grained and contain glassy to whitish quartz phenocrysts in a dense fine grained matrix. The phenocrysts are 2 to 3 mm in diameter. Generally feldspar phenocrysts were not observed. Because of shearing, some of the rocks also show sericite and chlorite along

foliation planes.

4. Sedimentary Rocks

The sedimentary rocks consist of clastic and chemical sediments as described below. The clastic sediments are fine grained shales, argillites and slate and conglomerate and the chemical sediments are Algoman-type iron formation. The main area of sedimentary rocks observed by the writer was along Little Rideout Lake just south of Rideout Lake.

4a) Clastic Sedimentary Rocks

On an island in Hotstone Lake in Greenlaw township highly folded and contorted clastic sediments were observed. The rocks are very fissile with a well developed cleavage and exhibit strong kink-folding. Quartz and carbonate are common within the rocks. Other small areas of similar rock types were observed often in association with what were interpreted to be fragmental volcanics. Along the shore of Little Rideout Lake on the Wakami River a conglomerate which is white in colour and very dense and appears to have a quartz-rich matrix containing rounded pebbles and cobbles was observed. Thin beds of a more pelitic type material were interbedded with the conglomerate as well as rocks that were very quartz-rich and are considered to be arkosic to feldspathic quartzite in composition.

4b) Chemical Sediments (Iron Formation)

Iron formation was observed by the writer associated with volcanic rocks, particularly in the Rideout Lake area. Here typical banded, chert-magnetite, Algoman-type iron formation was observed. The iron formation is light to dark brown-black in colour, fine grained and appears to consist of quartz, calcite, iron carbonate, limonite and pyrite. Contacts with the enclosing rocks are gradational. Some schistose iron formation was

observed associated with the metasediments.

5. Felsic to Intermediate Intrusives

No felsic to intermediate intrusives were observed by the writer within the areas visited.

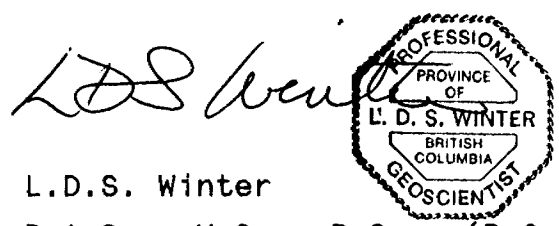
6. Intermediate to Mafic Intrusives

In the eastern part of Greenlaw township in the area of Rideout Lake the writer observed rocks which might be described as dioritic in composition. They were medium grained and showed an igneous type texture. It is not known whether these rocks represent coarse-grained phases of the flows or are intermediate intrusives. The rocks generally appear to consist of plagioclase and amphibole probably altered to chlorite. Disseminated magnetite and some cases pyrite was present.

7. Mafic to Ultramafic Intrusives

Whether these rocks are intrusives or whether they represent ultramafic flows is problematic. West of Hotstone Lake an area showing considerable serpentine and asbestos fibers is present. The rock is very fine grained and is all altered to serpentine along with the asbestos veinlets.

Signed,



L.D.S. Winter
B.A.Sc., M.Sc., P.Geo. (B.C.)

030

ASSESSMENT REPORT

RIDEOUT EAST PROPERTY

GREENLAW TOWNSHIP

NTS 41 O/10

47°43'N LATITUDE

82°48'N LONGITUDE

BARRY MCDONOUGH
JANUARY 2, 1992

Qual
2.14652

2.14652

TABLE OF CONTENTS

1.0 INTRODUCTION

On June 5 and June 15, 1990 eleven claims were staked in Greenlaw and Cunningham Townships by Mr. Kervin McDonough, prospector of St. Catharines,Ontario. These claims were the basis of a submission to the Ontario Prospectors Assistance Program (OPAP) for 1990 and 1991.

On July 5,1990 Corona Corporation entered into an option agreement with Mr. McDonough. Under the terms of the agreement Corona stood to earn a 50% interest in Mr. McDonough's eleven claims on Rideout Lake as well as his additional six claims adjacent to the Consolidated Rhodes patent claims on Hotstone Lake. As part of the agreement Corona staked forty-six additional claims on Rideout Lake.

Changes in Corona policy, namely the suspension of all exploration in eastern Canada and the dismissal of their exploration staff resulted in all claims previously held by Mr. McDonough being returned to him. Furthermore all additional claims staked by Corona were turned over to Mr. McDonough in compliance with their agreement.

On March 22, 1991 fifty percent interest of the original eleven claims staked were transferred to Barry McDonough of St. Catharines, Ontario. A second OPAP grant was received for the field season of 1991 for the Rideout Property.

A preliminary option agreement was entered into with Consolidated Rhodes Resources of Vancouver, BC on May 28, 1991 which was subsequently terminated on October 17, 1991 with all

interest in the property being returned to Msr. McDonough.

The following is a summary of the work that has been performed on the property designated Rideout East.

2.0 LOCATION AND ACCESS

The property is located within Greenlaw and Cunningham Townships which are a part of the Porcupine Mining Division. Situated fifty miles east of Chapleau,Ontario the Rideout East is accessible by canoe along the Wakami River or from a portage on the northeast edge of Hotstone Lake. Air Service is available year-round (both fixed and rotary wing) from Timmins. Seasonal bases are in operation from Chapleau and Foleyet during the summer month.

3.0 GENERAL GEOLOGY

The property is characterized by east-west trending intermediate to mafic volcanic flows and tuffs interbedded with sediments, chert and iron formation. The sediments include finely laminated argillite (some units containing thinly banded ankerite), greywackes and conglomerate.

Strata generally strikes 080 to 090 degrees and dips vary from moderate to steeply north to steeply south.

Structure plays a significant role in any mineralization. A number of structural elements are at play on this property. The most prominent is the Rideout Lake Shear Zone which trends 090 degrees. Extensively investigated in the past it has yielded few encouraging results.

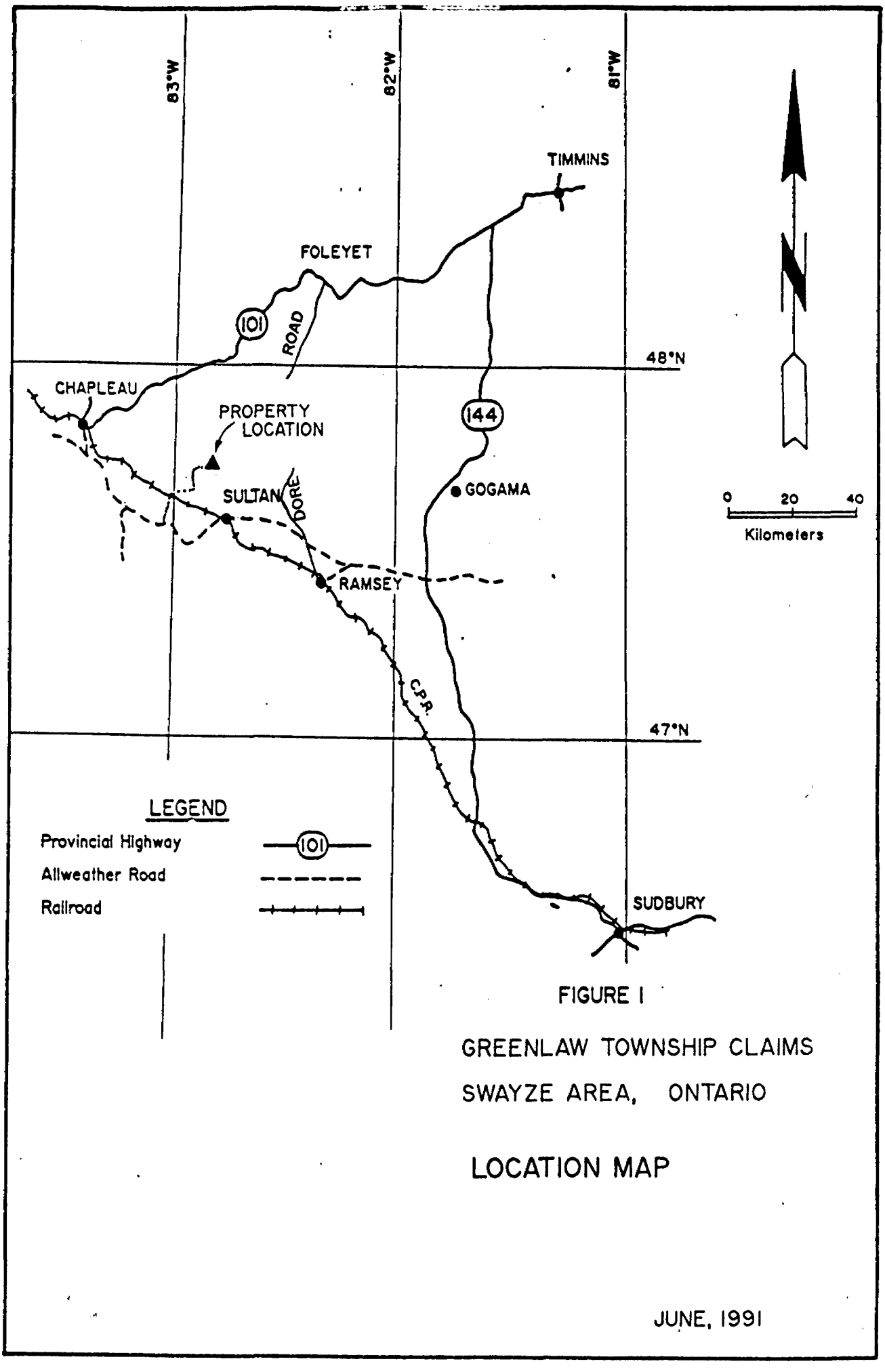


FIGURE 1

GREENLAW TOWNSHIP CLAIMS

SWAYZE AREA, ONTARIO

LOCATION MAP

JUNE, 1991

Another structure of interest is the Engineer Lake Fault which trends approximately 350 degrees and truncates not only the Rideout Lake Shear but all other structures as well. This fault runs subparallel to the Wakami River Fault which cuts the Hotstone Lake Carbonate Zone and displaces it some 1700 metres. The amount of movement along the Engineer Lake Fault is presently unknown. This structure inhabits to far eastern extent of the property.

Chloritization is the most prevalent form of alteration in the area. Sericitization and carbonitization are abundant as well. Silicification has been noted in several local areas.

4.0 WORK DONE

As a part of the agreement with Mr. McDonough Corona cut a 3.5 mile baseline (chained in imperial). In addition, a grid line perpendicular to this baseline was cut between Rideout and Little Rideout Lakes.

Between October 5 and October 23, 1990 three geologists began a geological survey along this baseline. Flagged lines were run at 400 foot intervals and were subsequently mapped and prospected. While incomplete at the time of this writing the mapping program was able to complete the first mile of the chained baseline. An unchained extension was also cut along the southeast shore of Rideout Lake. This portion of the baseline was prospected along its length.

Previous work done by Noranda discovered a two meter wide quartz vein within a silicified lapilli tuff along the north

shore of Rideout Lake. It had already been tested by a trench in the past but further sampling by Noranda yielded values of 0.3 and 0.1 ounces per ton Au along the vein. A day was spent, by the Corona geologists, comprehensively resampling the old trench, the vein and the silicified wall rock. Prospecting along the strike of the vein and north of it was also done.

While investigating the Noranda results another shear was discovered further to the east. Extensively carbonate altered with a pyritiferous chert iron formation in close proximity, this zone was intensely sampled.

Other work performed included extending the cut grid line 700 feet to Rideout Lake. Also, time was spent in an effort to locate holes drilled by Granges in 1979. Unfortunately efforts to reestablish the holes met with little success.

The 1991 field season was concentrated on following up the anomalous values found in 1990. A road was cut and trenches dug along the north shore of Rideout Lake using a bulldozer. These trenches were mechanically washed using a Wajax pump to expose any significant features. In addition 3.8 km of baseline was cut and chained to provide control for the mechanical stripping program. These lines were mapped and superficially prospected in early October of 1991. Further, drilling and blasting was done at the sites of some of the anomalies.

Also, a private consultant, Stuart Winter of Norwin Geological Services of Sudbury, was hired to evaluate the potential for economic mineralization on the property.

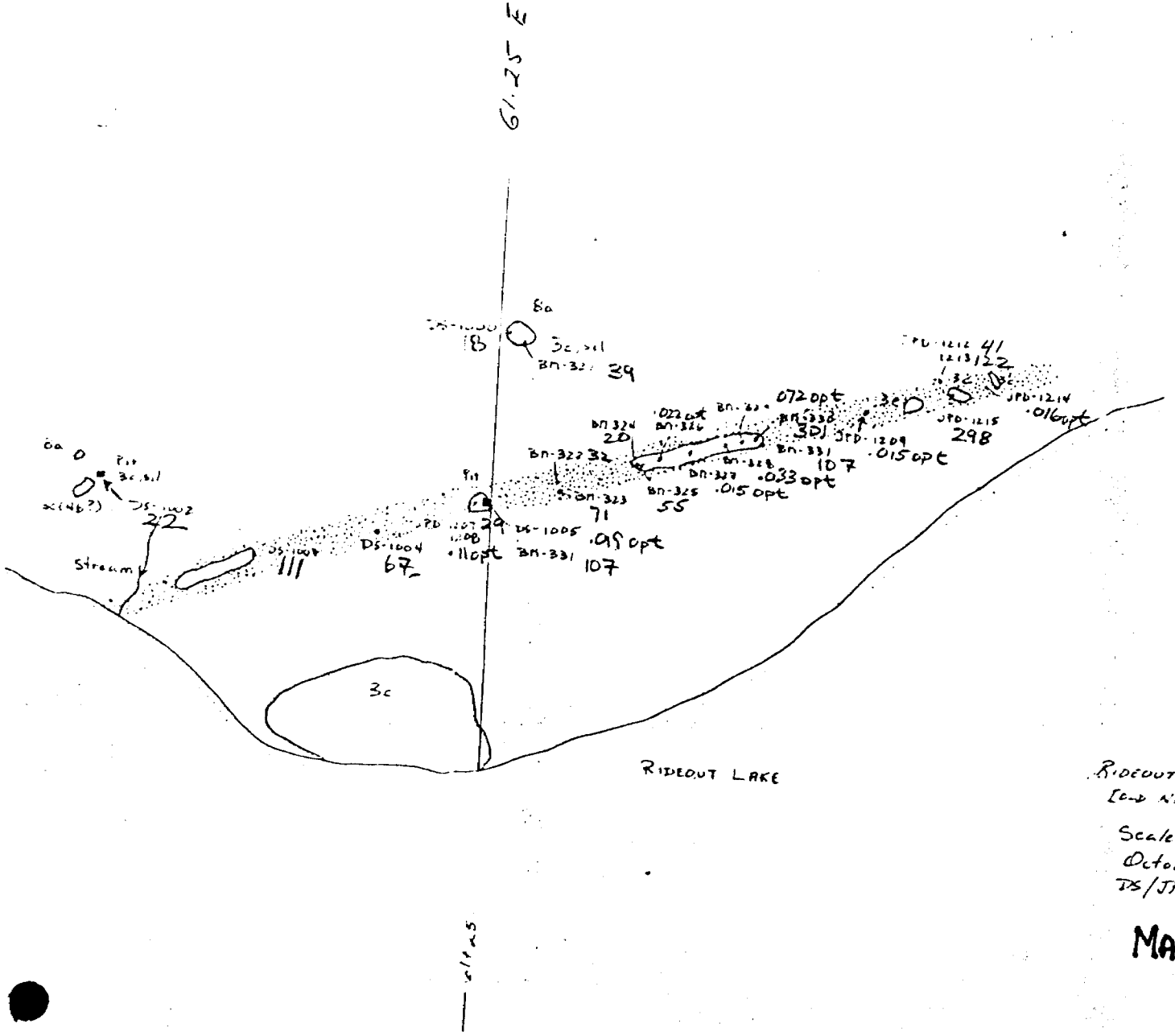
5.0 RESULTS

Along the Corona baseline the results were generally disappointing. The highest value obtained was 770 ppb gold within a chlorite-sericite schist (sheared sediment) containing quartz stringers and pods with trace amounts of pyrite and chalcopyrite. The other values of interest were 203 ppb and 170 ppb Au. Both were obtained within chlorite schist that contained some carbonate alteration and pyrite mineralization up to 10%. The sample that ran 170 ppb Au was taken from an old pit that was found ten metres south of the baseline.

Anomalous gold was also found on the north shore of Little Rideout Lake. An assay of 115 ppb Au was obtained 100 feet south of the baseline along Razor Edge Bay.

The North Rideout quartz vein, which was heavily sampled, returned a number of small values. Samples taken slightly west of the old pit yielded assays of 0.11 and 0.019 ounces per ton Au from the vein/host contact and the vein respectively. A sample from the old pit also returned an assay of 0.019 ounces per ton gold. From other samples taken along the vein, values up to 0.072 ounces per ton gold were obtained. These samples stretched over one hundred metres east of the main pit. Evidence of further blasting was also noted east of the pit.

Another shear, characterized by pervasive carbonate alteration, found along the north shore of Rideout, returned only two results of note. Assays of 0.061 ounces per ton and 111 ppb Au were obtained from a weakly silicified carbonate-chlorite-sericite schist and a silicified chlorite-carbonate schist


6175 E
8a
3c, 3c1
BM-321
39
DS-1000
18
PD-1212
1213
41
22
3c
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JPD-1215
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.072opt
BM-338
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BM-325
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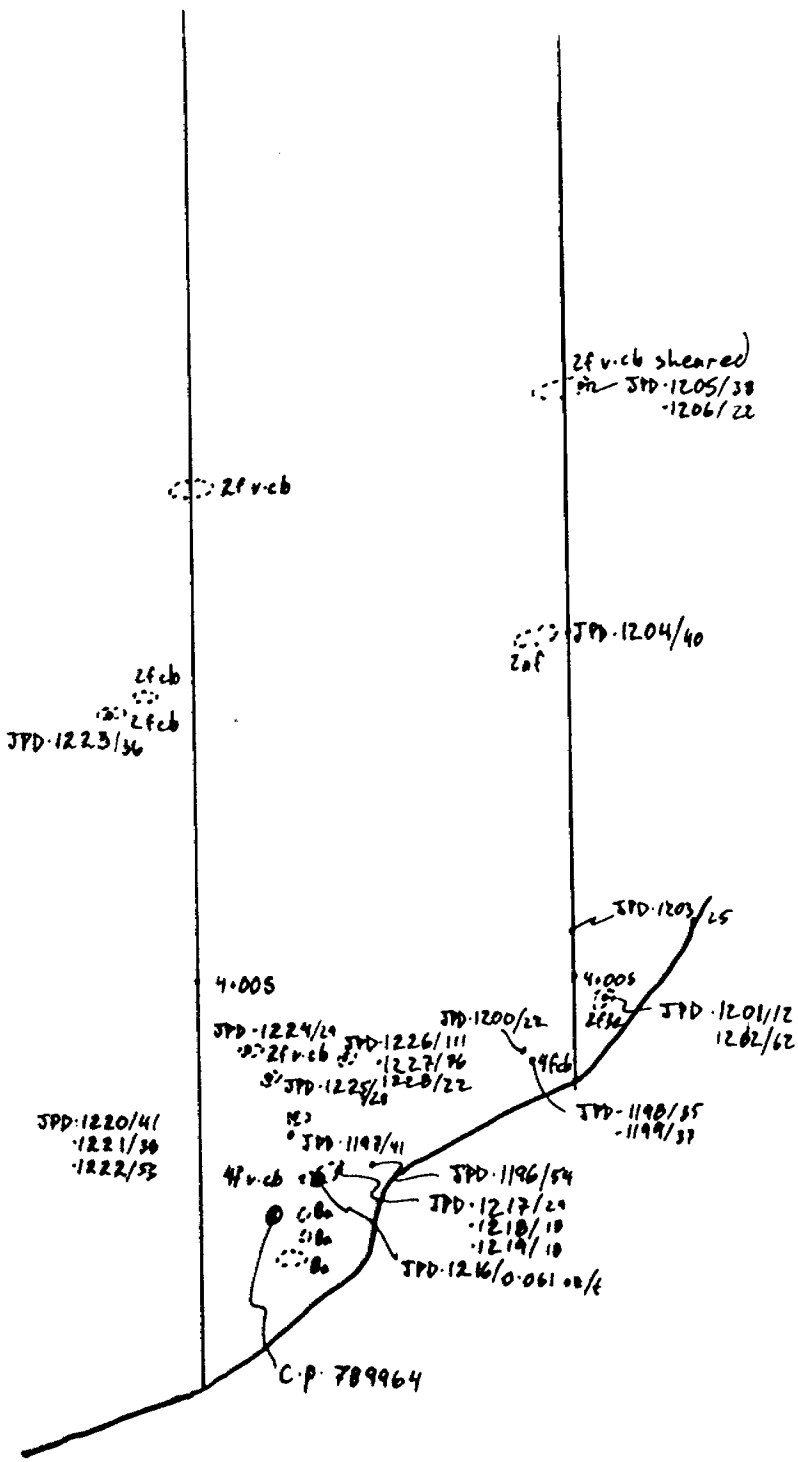
.015opt
BM-323
71
BM-322
32
BM-324
20
.022opt
BM-326
Pit
3c, 3c1
DS-1002
22
DS-1003
111
DS-1004
67
PD
.110pt
DS-1005
.095opt
BM-331
107
Stream
3c
RIDEOUT LAKE
RIDEOUT NORTH VEIN
[OLD NORANDA GRID]
Scale 1:1000
October 1990
DS/JPD/BM
MAP 1



Rideout North Shore
Old Grid
Scale 1:2500
Oct 1990
JPD

respectively. Historically, in this area, the presence of carbonate is indicative of low values. These results may be of some significance.

Prospecting conducted along the unchained baseline extension to the northeast returned disappointing values. Brittle fracture of intermediate to mafic intrusive rocks with subsequent quartz veining was discovered near the Engineer Lake Fault. The highest assay obtained was 10 ppb Au.

The 1991 exploration program concentrated on the north shore of Rideout Lake. Mapping and sampling was done along three baselines cut at 060, 080 and 060 degrees. The highest assay returned was 1745 ppb Au. Other values of interest were 1138 ppb Au and 754 ppb Au in sheared volcanics and 189 ppb Au in Iron Formation.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Structurally complex, possessing local zones of known gold mineralization and containing areas of pervasive silica and carbonate alteration, the Rideout region has potential for hosting a gold deposit of economic value. Further exploration is warranted on both the Hotstone West and the Rideout East properties.

The following programs are suggested:

1. The completion of the mapping program along the cut baseline and along the shores of Rideout and Little Rideout Lakes.

2. A winter geophysical program, consisting of magnetometer and VLF surveys, along the flagged lines extending off the baseline and across Rideout and Little Rideout Lakes.

3. A geochemical survey using the same flagged grid as the mapping and geophysical programs.

4. Detailed prospecting of any geological, geochemical or geophysical anomaly found.

Respectfully submitted,

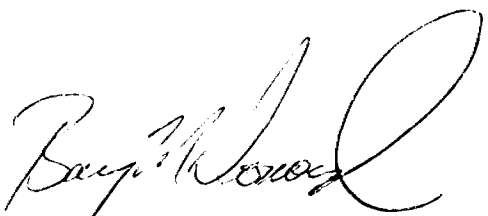
Barry McDonough
Geologist

CERTIFICATE OF QUALIFICATION

I, Barry McDonough reside at 24 Greenmeadow Court, in the city of St. Catharines, Ontario, L2N 6Y8.

I have been practising my profession for five years and am a graduate of McMaster University B.Sc (1986) in Geology.

I am the owner of 50% interest in eleven claims covered in this report. The report is based on work personally performed or directly supervised by myself or my father, K. J. McDonough. Mr. McDonough owns 100% of all claims covered in this report save for the above mention eleven claims for which he holds the remaining 50% interest.



Barry McDonough

CLAIM NUMBERS

P.1155697*
P.1155698*
P.1155699*
P.1155700*
P.1155701*
P.1155702*
P.1155703*
P.1155704*
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P.1155743

P.1155106
P.1155107
P.1155108
P.1155109
P.1155110
P.1155111
P.1155112
P.1155113
P.1155114
P.1155115
P.1155117

* Cunningham Township

P.1129270
P.1129271
P.1129272
P.1129273
P.1129274
P.1129275

DENYES TWP.

GREENLAW TWP.

POTENTIAL CARBONATE / DEFORMATION ZONE

EAST RIDOUT CLAIM GROUP

RIDOUT LAKE

WEST HOTSTONE CLAIM GROUP

HOTSTONE LAKE

NE FOLIATED ZONE - Gold Island Zone

RIVER

NAKAMI

GOLD FLOAT

PATENTED CLAIMS RHODES RESOURCES

GREENLAW TWP.

CUNNINGHAM TWP.

0 200 1000 2000

METERS

- GOLD MINERALIZATION
- TOPOGRAPHIC DEPRESSION / LINEMENT - INTERPRETED FAULT
- CARBONATE / DEFORMATION ZONE

FIGURE 1

GEOLOGICAL COMPILATION

GREENLAW TOWNSHIP CLAIMS

K. McDONOUGH

JUNE, 1991

APPENDIX 1

SAMPLE DESCRIPTIONS

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
BM-298	Greenlaw Twp.	Hotstone West Grid	Highly sheared carb. altered int. vol. Finely diss. py 1%	15	Oct 4 1990
BM-299	Greenlaw Twp.	Hotstone West Grid	Chlorite-carb. altered int. vol with py 0.5-1%	20	Oct 4 1990
BM-300	Greenlaw Twp.	Hotstone West Grid	Quartz vein within sericite schist,minor ser alt'n of vein, tr py	10	Oct 4 1990
BM-301	Greenlaw Twp.	Hotstone West Grid	Sheared sericite altered quartz-carbonate vein. No visible sulfides	10	Oct 4 1990
BM-302	Greenlaw Twp.	Hotstone West Grid	Sheared and carbonate altered vol. with fucsite and tr. cpy	10	Oct 4 1990
BM-303	Greenlaw Twp.	Rideout Grid	Sheared ser/silica alt'd int vol. Nea contact with felsic porghyry	10	Oct 5 1990
BM-304	Greenlaw Twp.	Rideout Grid	Felsic porphyry (flow?) with abundant silica,diss py 1-2%,near contact	20	Oct 5 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
BM-305	Greenlaw Twp.	Rideout Grid	Highly folded/alt'd chl-ser schist with brecciated quartz veins	10	Oct 5 1990
BM-306	Greenlaw Twp.	Rideout Grid	Highly sheared silicified sericite schist (sheared felsic?)	10	Oct 5 1990
BM-307	Greenlaw Twp.	Rideout Grid	Sheared chl alt'd int with qtz stringers along fabric.	10	Oct 6 1990
BM-308	Greenlaw Twp.	Rideout Grid	Bull white qtz stringer along chl schist/sericite schist contact	30	Oct 6 1990
BM-309	Greenlaw Twp.	Rideout Grid	Weakly sheared carbonate altered int. vol. No visible sulfides	10	Oct 6 1990
BM-310	Greenlaw Twp.	Rideout Grid	Sheared and carbonate altered int. vol. with 2% py locally-possible bxa	10	Oct 7 1990
BM-311	Greenlaw Twp.	Rideout Grid	Chl schist with qtz-carb veins and blowouts, py 1-2%	25	Oct 7 1990
BM-312	Greenlaw Twp.	Rideout Grid	Bull white qtz-carb vein/blowout along fabric of chl schist,barren	10	Oct 7 1990
BM-313	Greenlaw Twp.	Rideout Grid	As above	15	Oct 7 1990
BM-314	Greenlaw Twp.	Rideout Grid	One metre wide alt'd int. vol.(sed?).Layers of cherty sericite. Py 1-2%	10	Oct 8 1990
BM-315	Greenlaw Twp.	Rideout Grid	Fine gr'd thinly laminated chl schist(tuff?,sed??),qtz-carb str,py 1-2%	15	Oct 8 1990
BM-316	Greenlaw Twp.	Rideout Grid	Chl alt'd int.vol. with qtz blebs(shards?). Tr py	10	Oct 8 1990
BM-317	Greenlaw Twp.	Rideout Grid	Int to mafic vol with qtz-carb veins,ser,chl.Cpy 0.5%,diss py 1% (float)	61	Oct 11 1990
BM-318	Greenlaw Twp.	Rideout Grid	Panel sample along bull white qtz vein in chl-ser schist	1577/.046	Oct 11 1990
BM-319	Greenlaw Twp.	Rideout Grid	Sheared int vol with chl-ser alt'n. 1-2% cubic py.Locally cherty (sed?)	50	Oct 11 1990
BM-320	Greenlaw Twp.	Rideout Grid	Adjacent to 319. Bull white qtz vein with trace py	446/.013	Oct 11 1990
BM-321	Greenlaw Twp.	Rideout Grid	Sil int tuff/lap tuff.Py 2-3%,near QV on north shore	39	Oct 12 1990
BM-322	Greenlaw Twp.	Rideout Grid	Well lam sil fine gr'd int tuff.Tr py,ser along laminae	32	Oct 12 1990
BM-323	Greenlaw Twp.	Rideout Grid	Ser alt'd qtz vein.Tr py and chl	71	Oct 12 1990
BM-324	Greenlaw Twp.	Rideout Grid	Qtz vein/sil chl-ser schist(tuff?).Py 1%.Host finely laminated	20	Oct 12 1990
BM-325	Greenlaw Twp.	Rideout Grid	As above	55	Oct 12 1990
BM-326	Greenlaw Twp.	Rideout Grid	Qtz vein/sil int tuff with chl-ser alt'n.Minor qtz stockwork.Py 1-2	755/.022	Oct 12 1990
BM-327	Greenlaw Twp.	Rideout Grid	Qtz vein with ser and chl alt'n.Ank along fractures. Py 2%	515/.015	Oct 12 1990
BM-328	Greenlaw Twp.	Rideout Grid	Qtz vein as above with more silica and py in blebs 1-2%	1133/.033	Oct 12 1990
BM-329	Greenlaw Twp.	Rideout Grid	As above with more alt'd country rock(5-10%) and more sulfide(2-3%)	2472/.072	Oct 12 1990
BM-330	Greenlaw Twp.	Rideout Grid	As above with qtz vein more stockwork-host rock is 40-50%. Py 0.5-1%	301	Oct 12 1990
BM-331	Greenlaw Twp.	Rideout Grid	From pit.Qtz vein with chl-ser alt'd tuff. Diss py 1-2%	107	Oct 12 1990
BM-332	Greenlaw Twp.	Rideout Grid	Mass to weakly sheared epidote(?)and carb alt'd int vol.In trench	71	Oct 13 1990
BM-333	Greenlaw Twp.	Rideout Grid	Fine gr'd well lam cherty-argillic IF with cubic py 3-5% along carb str	47	Oct 13 1990
BM-334	Greenlaw Twp.	Rideout Grid	Sil well lam chl alt'd arg with qtz fragments or cherty sweats. Py 3-5%	25	Oct 13 1990
BM-335	Greenlaw Twp.	Rideout Grid	Gossenous float from trench. Highly sil argillic IF. Py 5-8%	21	Oct 13 1990
BM-336	Greenlaw Twp.	Rideout Grid	Chert IF with some argillic abands and 0.5-1% py	83	Oct 13 1990
BM-337	Greenlaw Twp.	Rideout Grid	Well lam(bedded?)fine to med gr'd greywacke(??). Chl-carb alt'd,tr py	30	Oct 13 1990
BM-338	Greenlaw Twp.	Rideout Grid	Part of same sed unit as 337.Poss small frags(tuff?).Well lam,chl-carb	51	Oct 13 1990
BM-339	Greenlaw Twp.	Rideout Grid	Fine gr'd carb alt'd vol(tuff?),near shore,poss subparallel zone	5	Oct 16 1990
BM-340	Greenlaw Twp.	Rideout Grid	Fine gr'd finely lam chl-alt'd arg with qtz-ank interbeds.Tr py	5	Oct 16 1990
BM-341	Greenlaw Twp.	Rideout Grid	Highly sheared ser schist-completely altered to sericite. No sulfides	5	Oct 16 1990
BM-342	Greenlaw Twp.	Rideout Grid	Highly sheared chl-ser schist with ank-qtz veins and hem(?).Poss sed(?)	5	Oct 16 1990
BM-343	Greenlaw Twp.	Rideout Grid	Sheared int sed/vol(?).Chl alt'd,fine gr'd lam with bands of ser alt'n	5	Oct 16 1990
BM-344	Greenlaw Twp.	Rideout Grid	Sheared chl altered sed(vol?)with qtz-ank str along fabric.Poss lean IF	5	Oct 16 1990

NE Carb Zone Enechelon Zone

N Shore vein

NE Shore Carb Zone

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
BM-345	Greenlaw Twp.	Rideout Grid	Discreet cherty band in fine grained sed.No visible sulfides	5	Oct 17 1990
BM-346	Greenlaw Twp.	Rideout Grid	Finely lam buff weathered,locally sil fine gr'd int vol(?)sed(??).Py 2%	5	Oct 17 1990
BM-347	Greenlaw Twp.	Rideout Grid	Finely lam fine gr'd sediment with some qtz-ank stringers. Tr py,Tr cpy	5	Oct 17 1990
BM-348	Greenlaw Twp.	Rideout Grid	Med gr'd chl altered vol with 1% py along foliation	5	Oct 22 1990
BM-349	Greenlaw Twp.	Rideout Grid	Bull white qtz-vein within chl-rich coarse gr'd int. Abundant chl alt'n	5	Oct 22 1990
BM-350	Greenlaw Twp.	Rideout Grid	Qtz porphyry,very granular with chl alt'n and stockwork stringer.Py 1%	5	Oct 22 1990
BM-351	Greenlaw Twp.	Rideout Grid	Qtz vein running subparallel to vein sampled by 349.Py 5-8%	5	Oct 22 1990
BM-352	Greenlaw Twp.	Rideout Grid	Trench.Sulfide rich lean IF.Py 10-12% in chl arg.Near JPD-1282	10	Oct 23 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1233	Greenlaw Twp.	Rideout Grid	QC vein 4-10" wide, 1% py diss	5	Oct 14 1990
JPD90-1234	Greenlaw Twp.	Rideout Grid	Same as 1233	5	Oct 14 1990
JPD90-1235	Greenlaw Twp.	Rideout Grid	Same as 1233	<5,<5	Oct 14 1990
JPD90-1236	Greenlaw Twp.	Rideout Grid	4f? siliceous chl schist, pervasive QC stringers/bands, 1-2% py	10	Oct 14 1990
JPD90-1237	Greenlaw Twp.	Rideout Grid	Same as 1236	15	Oct 14 1990
JPD90-1238	Greenlaw Twp.	Rideout Grid	Same as 1236	10	Oct 14 1990
JPD90-1239	Greenlaw Twp.	Rideout Grid	Same as 1236, less alt'n	<5	Oct 14 1990
JPD90-1240	Greenlaw Twp.	Rideout Grid	4a strong sil-cb, 2% py	10	Oct 14 1990
JPD90-1241	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.strong shearing, cb, tr py	15	Oct 15 1990
JPD90-1242	Greenlaw Twp.	Rideout Grid	2f 50% secondary sil, minor cb, tr py	<5	Oct 15 1990
JPD90-1243	Greenlaw Twp.	Rideout Grid	7h cb, tr py	5	Oct 15 1990
JPD90-1244	Greenlaw Twp.	Rideout Grid	Margin of 7h and chl-ser schist with strong cb-sil	<5	Oct 15 1990
JPD90-1245	Greenlaw Twp.	Rideout Grid	Chl schist, (2/4?), cb-sil, tr py, mag (po?)	<5	Oct 15 1990
JPD90-1246	Greenlaw Twp.	Rideout Grid	2f, v.cb, 1% py	5	Oct 15 1990
JPD90-1247	Greenlaw Twp.	Rideout Grid	3e(7A?) extremely sheared, v.cb, minor sil, tr py	<5,<5	Oct 15 1990
JPD90-1248	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong cb, qtz blebs, tr py, strong shearing	5	Oct 15 1990
JPD90-1249	Greenlaw Twp.	Rideout Grid	2f strong shearing and cb, tr py	5	Oct 15 1990
JPD90-1250	Greenlaw Twp.	Rideout Grid	2f 30% cb(cal), tr py	<5	Oct 15 1990
JPD90-1251	Greenlaw Twp.	Rideout Grid	Chl-ser shist v.cb, with qtz stringers, tr py	<5	Oct 15 1990
JPD90-1252	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.cb, v.weathered, gossaned	<5	Oct 15 1990
JPD90-1253	Greenlaw Twp.	Rideout Grid	Same as 1252, more ser	45	Oct 15 1990
JPD90-1254	Greenlaw Twp.	Rideout Grid	Same as 1252, more chl, QC stringers with 1% py	25	Oct 15 1990
JPD90-1255	Greenlaw Twp.	Rideout Grid	2f strong cb, sil, tr-1% py	<5	Oct 15 1990
JPD90-1256	Greenlaw Twp.	Rideout Grid	Same as 1255	45	Oct 15 1990
JPD90-1257	Greenlaw Twp.	Rideout Grid	Same as 1255, tr py	<5	Oct 15 1990
JPD90-1258	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.cb, 1% py, v.sheared	<5	Oct 19 1990
JPD90-1259	Greenlaw Twp.	Rideout Grid	2f v.sheared, v.cb(ank), tr py, qtz grains/porphs with cb alt'n halos	<5	Oct 20 1990
JPD90-1260	Greenlaw Twp.	Rideout Grid	2f ser, v.cb, 1% py, qtz stringer, minor sil	5	Oct 20 1990
JPD90-1261	Greenlaw Twp.	Rideout Grid	2f/4f v.cb, tr py in sil, minor ser	<5	Oct 20 1990
JPD90-1262	Greenlaw Twp.	Rideout Grid	2f/4f ser, v.cb(ank), v.sil, 2% py	<5	Oct 20 1990
JPD90-1263	Greenlaw Twp.	Rideout Grid	Same as 1262	5	Oct 20 1990
JPD90-1264	Greenlaw Twp.	Rideout Grid	QC stringers, tr py, in 2f-ser, v.cb-sil	<5	Oct 20 1990
JPD90-1265	Greenlaw Twp.	Rideout Grid	4f (2f?) lam, v.sheared and cb, sil, tr py	<5	Oct 22 1990
JPD90-1266	Greenlaw Twp.	Rideout Grid	Chl schist sil, v.cb, 1% py fine diss	5	Oct 22 1990
JPD90-1267	Greenlaw Twp.	Rideout Grid	Same as 1266, 1.5m chip	5	Oct 22 1990
JPD90-1268	Greenlaw Twp.	Rideout North-East Grid	QV 0.5m wide, bully, parallel and cross-cutting	<5	Oct 22 1990
JPD90-1269	Greenlaw Twp.	Rideout North-East Grid	Same as 1268, tr py at margins	10	Oct 22 1990
JPD90-1270	Greenlaw Twp.	Rideout North-East Grid	4f cb-sil, tr-1% py fine diss	<5	Oct 22 1990
JPD90-1271	Greenlaw Twp.	Rideout North-East Grid	Rubble, secondary alt'n, 3% py, from 2.0m wide bully qtz stringer zone	<5	Oct 22 1990
JPD90-1272	Greenlaw Twp.	Rideout North-East Grid	Bully Qtz, from zone at 1271	<5	Oct 22 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1193	Greenlaw Twp.	Rideout Grid	QC stringer no sulphides	41	Oct 10 1990
JPD90-1194	Greenlaw Twp.	Rideout Grid	Same as 1190, tr py	22	Oct 10 1990
JPD90-1195	Greenlaw Twp.	Rideout Grid	Same as 1190, stronger shearing	47	Oct 10 1990
JPD90-1196	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb-sil, very gossaned, tr py	54	Oct 11 1990
JPD90-1197	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1196, more sil, 2% py	41	Oct 11 1990
JPD90-1198	Greenlaw Twp.	North Shore, Rideout Lake	2f pervasive sil-cb alt'n, tr py	35	Oct 11 1990
JPD90-1199	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198, 1% py	37	Oct 11 1990
JPD90-1200	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198, double weather rind, buff outside/gossanous inside	22	Oct 11 1990
JPD90-1201	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198	12	Oct 11 1990
JPD90-1202	Greenlaw Twp.	North Shore, Rideout Lake	QC stringer at 1201 loc., tr py	62	Oct 11 1990
JPD90-1203	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198	25	Oct 11 1990
JPD90-1204	Greenlaw Twp.	North Shore, Rideout Lake	2af cb-sil, tr py	40	Oct 11 1990
JPD90-1205	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb, 1-2% py, tr lavander mineral	38	Oct 11 1990
JPD90-1206	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1205	22	Oct 11 1990
JPD90-1207	Greenlaw Twp.	North Shore, Rideout Lake	QV 50 cm wide, grey-green qtz, 2-3% diss py, west of old pit	29	Oct 12 1990
JPD90-1208	Greenlaw Twp.	North Shore, Rideout Lake	Margin of 1207	0.11 Oz/t	Oct 12 1990
JPD90-1209	Greenlaw Twp.	North Shore, Rideout Lake	FLOAT; 2f strong cb, 3-5% py diss and bands	0.015 Oz/t	Oct 12 1990
JPD90-1210	Greenlaw Twp.	North Shore, Rideout Lake	1.0m wide sil zone, 2% py diss and bands	333	Oct 12 1990
JPD90-1211	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1210	67	Oct 12 1990
JPD90-1212	Greenlaw Twp.	North Shore, Rideout Lake	3e v.sheared, sil-cb, near previous 0.1 oz/t sample	41	Oct 12 1990
JPD90-1213	Greenlaw Twp.	North Shore, Rideout Lake	Ser-chl schist, strong sil-cb, tr py, near 0.1 sample	122	Oct 12 1990
JPD90-1214	Greenlaw Twp.	North Shore, Rideout Lake	QV 1.0m wide, 2% py, cb	0.016 Oz/t	Oct 12 1990
JPD90-1215	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1214, 1% py	298	Oct 12 1990
JPD90-1216	Greenlaw Twp.	North Shore, Rideout Lake	Cb-chl-ser schist, minor sil, tr py	0.061 Oz/t	Oct 13 1990
JPD90-1217	Greenlaw Twp.	North Shore, Rideout Lake	Chl-ser schist, pervasive sil-cb alt'n, tr py	29	Oct 13 1990
JPD90-1218	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1217	18	Oct 13 1990
JPD90-1219	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1217, with cross-cutting QC stringers	18	Oct 13 1990
JPD90-1220	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb-sil	41	Oct 13 1990
JPD90-1221	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1220, 1% py	38	Oct 13 1990
JPD90-1222	Greenlaw Twp.	North Shore, Rideout Lake	Qtz stringers from 1220, bully	53	Oct 13 1990
JPD90-1223	Greenlaw Twp.	North Shore, Rideout Lake	2f v.cb, tr py	36	Oct 13 1990
JPD90-1224	Greenlaw Twp.	North Shore, Rideout Lake	2f sil, v.cb, tr py, double weathering skin	29	Oct 13 1990
JPD90-1225	Greenlaw Twp.	North Shore, Rideout Lake	Chl-ser schist, strong cb-sil	28	Oct 13 1990
JPD90-1226	Greenlaw Twp.	North Shore, Rideout Lake	2f cb, v.sil, tr py	111	Oct 13 1990
JPD90-1227	Greenlaw Twp.	North Shore, Rideout Lake	3e sil, strong cb, v.weathered	76	Oct 13 1990
JPD90-1228	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1227	22	Oct 13 1990
JPD90-1229	Greenlaw Twp.	Rideout Grid	2f cb flooded, tr py	15	Oct 14 1990
JPD90-1230	Greenlaw Twp.	Rideout Grid	Same as 1229, less sheared	<5	Oct 14 1990
JPD90-1231	Greenlaw Twp.	Rideout Grid	FLOAT; 4af, chl, dk greay qtz stringers, tr py on fractures	5	Oct 14 1990
JPD90-1232	Greenlaw Twp.	Rideout Grid	QC vein 4" wide, boudinaged and bx, 1% py in matrix	10	Oct 14 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED	
DS-1000	Greeenlaw Twp	Rideout Grid	Sheared tuff adjacent to diabase,sil,thin QV,Tr py	18	Oct 12 1990	N-shore vein
DS-1001	Greeenlaw Twp	Rideout Grid	Sil arg sed,preferred lam,cubic py 10%	47	Oct 12 1990	
DS-1002	Greeenlaw Twp	Rideout Grid	From pit,sil tuff(?)sed(??)	22	Oct 12 1990	
DS-1003	Greeenlaw Twp	Rideout Grid	From pit,narrow QV's in sil tuff,diss py	111	Oct 12 1990	
DS-1004	Greeenlaw Twp	Rideout Grid	As above	67	Oct 12 1990	
DS-1005	Greeenlaw Twp	Rideout Grid	Same as 1003-rusty from bottom of pit	652 .019	Oct 12 1990	
DS-1006	Greeenlaw Twp	Rideout Grid	Sil-carb alt'd sed, trace py	40	Oct 13 1990	NE-vein (carb zone)
DS-1007	Greeenlaw Twp	Rideout Grid	Poss lean IF (cherty/argillite),carb zone with cherty lenses	19	Oct 13 1990	
DS-1008	Greeenlaw Twp	Rideout Grid	As above with py in lenses, 5% py in qtz stringers	14	Oct 13 1990	
DS-1009	Greeenlaw Twp	Rideout Grid	Conglomerate(??),sil/carb zone	32	Oct 13 1990	
DS-1010	Greeenlaw Twp	Rideout Grid	Highly carb alt'd sed(??). No sulfides	20	Oct 13 1990	
DS-1011	Greeenlaw Twp	Rideout Grid	Boudinaged QV blebs in chl schist.Qtz is friable,trace cubic py	5	Oct 14 1990	
DS-1012	Greeenlaw Twp	Rideout Grid	Thin veinlets of qtz in fine gr'd vol.Tr py	5	Oct 14 1990	
DS-1013	Greeenlaw Twp	Rideout Grid	Qtz vein along sed/vol contact	5	Oct 14 1990	
DS-1014	Greeenlaw Twp	Rideout Grid	Chlorite schist with carbonate (sheared fine grained vol),tr py	5	Oct 14 1990	
DS-1015	Greeenlaw Twp	Rideout Grid	Sil chl schist (poss tuff),carb alt'n,no sulfides	5	Oct 20 1990	
DS-1016	Greeenlaw Twp	Rideout Grid	Tuff with bombs to 1 ft.,chloritic with minor py,cpy.Secondary silica	5	Oct 20 1990	
DS-1017	Greeenlaw Twp	Rideout Grid	Pyritic shale.Laminated with cubic py 1-2%	5	Oct 20 1990	
DS-1018	Greeenlaw Twp	Rideout Grid	Bull QV along cherty arg sed(lean IF)/vol contact. Jasper or red fsp	5	Oct 22 1990	
DS-1019	Greeenlaw Twp	Rideout Grid	As above	5	Oct 22 1990	
DS-1020	Greeenlaw Twp	Rideout Grid	As above,cherty sed with minor py cubes	5	Oct 22 1990	
DS-1021	Greeenlaw Twp	Rideout Grid	Discontinuous bully QV at sed/vol contact	5	Oct 22 1990	
DS-1022	Greeenlaw Twp	Rideout Grid	As above	5	Oct 22 1990	
DS-1023	Greeenlaw Twp	Rideout Grid	Mass fine gr'd vol,carb alt'd with calcite veinlets	5	Oct 22 1990	
DS-1024	Greeenlaw Twp	Rideout Grid	Highly sheared chl schist with major carb with kinked schistosity	5	Oct 22 1990	

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
DS-1025	Greeenlaw Twp	Rideout Grid	As above with more carbonate	5	Oct 22 1990
DS-1026	Greeenlaw Twp	Rideout Grid	QV with trace sulfide	5	Oct 22 1990
JPD90-1155	Greenlaw Twp.	Hotstone Grid West	Flat lying qtz stringer, bully, tr fuchsite, in sil 3e	15	Oct. 5 1990
JPD90-1156	Greenlaw Twp.	Hotstone Grid West	Grab from rubble (in situ), stronly silicified 2f	10	Oct. 5 1990
JPD90-1157	Greenlaw Twp.	Hotstone Grid West	QV 2", white to tan, tr py, cb	10	Oct. 5 1990
JPD90-1158	Greenlaw Twp.	Hotstone Grid West	Grab from road rubble, strongly cb qtz, tr py	10	Oct. 5 1990
JPD90-1159	Greenlaw Twp.	Rideout Grid	V.sheared, v.cb, 2A/4A?, tr py, sil	5	Oct. 6 1990
JPD90-1160	Greenlaw Twp.	Rideout Grid	3A/7A, v.sheared, sil 1% py diss	<5	Oct. 6 1990
JPD90-1161	Greenlaw Twp.	Rideout Grid	2A v.sheared, tr py, sil, cb, ser	5	Oct. 6 1990
JPD90-1162	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.sheared, strong cb, talus	10	Oct. 6 1990
JPD90-1163	Greenlaw Twp.	Rideout Grid	Qtz pods and stringers, tr py cpy at margins	770	Oct. 6 1990
JPD90-1164	Greenlaw Twp.	Rideout Grid	Host to 1163, 4A, strong sil, sheared, tr py	20	Oct. 6 1990
JPD90-1165	Greenlaw Twp.	Rideout Grid	4A v.sheared, strong sil	15	Oct. 6 1990
JPD90-1166	Greenlaw Twp.	Rideout Grid	Ser-chl schist, strong sil, tr cpy	15	Oct. 6 1990
JPD90-1167	Greenlaw Twp.	Rideout Grid	2a or chilled 6a, bx, strong sil-cb, tr py on fractures	15	Oct. 6 1990
JPD90-1168	Greenlaw Twp.	Rideout Grid	2f, sil, 1-2% py, at contact with 7ed	10	Oct. 6 1990
JPD90-1169	Greenlaw Twp.	Rideout Grid	7ed, sheared, sil, 1-2% py at contact with 2f	10	Oct. 6 1990
JPD90-1170	Greenlaw Twp.	Rideout Grid	7ed, sheared, v.sil, 1-2% py	10	Oct. 6 1990
JPD90-1171	Greenlaw Twp.	Rideout Grid	4g, strong shearing, strong sil, tr py, strong felsic volcanic input	5	Oct. 6 1990
JPD90-1172	Greenlaw Twp.	Rideout Grid	Same as 1171, 1% py	10	Oct. 6 1990
JPD90-1173	Greenlaw Twp.	Rideout Grid	FLOAT; angular, tabular qtz boulders, tr py	20	Oct 7 1990
JPD90-1174	Greenlaw Twp.	Rideout Grid	Same as 1173, 5% py	25	Oct 7 1990
JPD90-1175	Greenlaw Twp.	Rideout Grid	4g sil, sheared, contorted, 1% py diss, strong felsic volcanic input	15	Oct 7 1990
JPD90-1176	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong sil cb, 5% py diss and bands (4A?)	20	Oct 7 1990
JPD90-1177	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong shearing, v.strong cb, tr py, gossanous	10	Oct 7 1990
JPD90-1178	Greenlaw Twp.	Rideout Grid	4A sil 1% py, patchy cb	10	Oct 7 1990
JPD90-1179	Greenlaw Twp.	Rideout Grid	2f, strong shearing, v.strong cb, 1% py, similar to 1177	15	Oct 7 1990
JPD90-1180	Greenlaw Twp.	Rideout Grid	Qtz stringers in 2a, white, tr py	15	Oct 7 1990
JPD90-1181	Greenlaw Twp.	Rideout Grid	4a, ser, sheared, strong cb, tr py	10	Oct 7 1990
JPD90-1182	Greenlaw Twp.	Rideout Grid	2f, sil, strong cb (cal), 1-2% py, old-timer pit	20	Oct 9 1990
JPD90-1183	Greenlaw Twp.	Rideout Grid	Same as 1182, 5-10% py	130	Oct 9 1990
JPD90-1184	Greenlaw Twp.	Rideout Grid	Same loc., granular qtz-cb stringers, tr py	25	Oct 9 1990
JPD90-1185	Greenlaw Twp.	Rideout Grid	Contact of 4A, sil cb, k-spar alt'n and 7h, 2% py	15	Oct 9 1990
JPD90-1186	Greenlaw Twp.	Rideout Grid	4a, sil cb, sheared, chl, 1-3% py	25	Oct 9 1990
JPD90-1187	Greenlaw Twp.	Rideout Grid	4A, chl-ser, cb sil, tr py, gossanous	15	Oct 9 1990
JPD90-1188	Greenlaw Twp.	Rideout Grid	Chl-cb-ser schist, tr py gossanous weathering	15	Oct 9 1990
JPD90-1189	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong shearing, contorted, cb sil, tr py on fractures	15	Oct 9 1990
JPD90-1190	Greenlaw Twp.	Rideout Grid	2f strong sil-cb, (2A/4A?), gossanous weathering	18	Oct 10 1990
JPD90-1191	Greenlaw Twp.	Rideout Grid	Same as 1190, with QC stringers, tr py	78	Oct 10 1990
JPD90-1192	Greenlaw Twp.	Rideout Grid	Same as 1190, more sil, 2-3% py	203	Oct 10 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1155	Greenlaw Twp.	Hotstone Grid West	Flat lying qtz stringer, bully, tr fuchsite, in sil 3e	15	Oct. 5 1990
JPD90-1156	Greenlaw Twp.	Hotstone Grid West	Grab from rubble (in situ), stronly silicified 2f	10	Oct. 5 1990
JPD90-1157	Greenlaw Twp.	Hotstone Grid West	QV 2", white to tan, tr py, cb	10	Oct. 5 1990
JPD90-1158	Greenlaw Twp.	Hotstone Grid West	Grab from road rubble, strongly cb qtz, tr py	10	Oct. 5 1990
JPD90-1159	Greenlaw Twp.	Rideout Grid	V.sheared, v.cb, 2A/4A?, tr py, sil	5	Oct. 6 1990
JPD90-1160	Greenlaw Twp.	Rideout Grid	3A/7A, v.sheared, sil 1% py diss	<5	Oct. 6 1990
JPD90-1161	Greenlaw Twp.	Rideout Grid	2A v.sheared, tr py, sil, cb, ser	5	Oct. 6 1990
JPD90-1162	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.sheared, strong cb, talus	10	Oct. 6 1990
JPD90-1163	Greenlaw Twp.	Rideout Grid	Qtz pods and stringers, tr py cpy at margins	770	Oct. 6 1990
JPD90-1164	Greenlaw Twp.	Rideout Grid	Host to 1163, 4A, strong sil, sheared, tr py	20	Oct. 6 1990
JPD90-1165	Greenlaw Twp.	Rideout Grid	4A v.sheared, strong sil	15	Oct. 6 1990
JPD90-1166	Greenlaw Twp.	Rideout Grid	Ser-chl schist, strong sil, tr cpy	15	Oct. 6 1990
JPD90-1167	Greenlaw Twp.	Rideout Grid	2a or chilled 6a, bx, strong sil-cb, tr py on fractures	15	Oct. 6 1990
JPD90-1168	Greenlaw Twp.	Rideout Grid	2f, sil, 1-2% py, at contact with 7ed	10	Oct. 6 1990
JPD90-1169	Greenlaw Twp.	Rideout Grid	7ed, sheared, sil, 1-2% py at contact with 2f	10	Oct. 6 1990
JPD90-1170	Greenlaw Twp.	Rideout Grid	7ed, sheared, v.sil, 1-2% py	10	Oct. 6 1990
JPD90-1171	Greenlaw Twp.	Rideout Grid	4g, strong shearing, strong sil, tr py, strong felsic volcanic input	5	Oct. 6 1990
JPD90-1172	Greenlaw Twp.	Rideout Grid	Same as 1171, 1% py	10	Oct. 6 1990
JPD90-1173	Greenlaw Twp.	Rideout Grid	FLOAT; angular, tabular qtz boulders, tr py	20	Oct 7 1990
JPD90-1174	Greenlaw Twp.	Rideout Grid	Same as 1173, 5% py	25	Oct 7 1990
JPD90-1175	Greenlaw Twp.	Rideout Grid	4g sil, sheared, contorted, 1% py diss, strong felsic volcanic input	15	Oct 7 1990
JPD90-1176	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong sil cb, 5% py diss and bands (4A?)	20	Oct 7 1990
JPD90-1177	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong shearing, v.strong cb, tr py, gossanous	10	Oct 7 1990
JPD90-1178	Greenlaw Twp.	Rideout Grid	4A sil 1% py, patchy cb	10	Oct 7 1990
JPD90-1179	Greenlaw Twp.	Rideout Grid	2f, strong shearing, v.strong cb, 1% py, similar to 1177	15	Oct 7 1990
JPD90-1180	Greenlaw Twp.	Rideout Grid	Qtz stringers in 2a, white, tr py	15	Oct 7 1990
JPD90-1181	Greenlaw Twp.	Rideout Grid	4a, ser, sheared, strong cb, tr py	10	Oct 7 1990
JPD90-1182	Greenlaw Twp.	Rideout Grid	2f, sil, strong cb (cal), 1-2% py, old-timer pit	20	Oct 9 1990
JPD90-1183	Greenlaw Twp.	Rideout Grid	Same as 1182, 5-10% py	130	Oct 9 1990
JPD90-1184	Greenlaw Twp.	Rideout Grid	Same loc., granular qtz-cb stringers, tr py	25	Oct 9 1990
JPD90-1185	Greenlaw Twp.	Rideout Grid	Contact of 4A, sil cb, k-spar alt'n and 7h, 2% py	15	Oct 9 1990
JPD90-1186	Greenlaw Twp.	Rideout Grid	4a, sil cb, sheared, chl, 1-3% py	25	Oct 9 1990
JPD90-1187	Greenlaw Twp.	Rideout Grid	4A, chl-ser, cb sil, tr py, gossanous	15	Oct 9 1990
JPD90-1188	Greenlaw Twp.	Rideout Grid	Chl-cb-ser schist, tr py gossanous weathering	15	Oct 9 1990
JPD90-1189	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong shearing, contorted, cb sil, tr py on fractures	15	Oct 9 1990
JPD90-1190	Greenlaw Twp.	Rideout Grid	2f strong sil-cb, (2A/4A?), gossanous weathering	18	Oct 10 1990
JPD90-1191	Greenlaw Twp.	Rideout Grid	Same as 1190, with QC stringers, tr py	78	Oct 10 1990
JPD90-1192	Greenlaw Twp.	Rideout Grid	Same as 1190, more sil, 2-3% py	203	Oct 10 1990
JPD90-1193	Greenlaw Twp.	Rideout Grid	QC stringer no sulphides	41	Oct 10 1990
JPD90-1194	Greenlaw Twp.	Rideout Grid	Same as 1190, tr py	22	Oct 10 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1195	Greenlaw Twp.	Rideout Grid	Same as 1190, stronger shearing	47	Oct 10 1990
JPD90-1196	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb-sil, very gossaned, tr py	54	Oct 11 1990
JPD90-1197	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1196, more sil, 2% py	41	Oct 11 1990
JPD90-1198	Greenlaw Twp.	North Shore, Rideout Lake	2f pervasive sil-cb alt'n, tr py	35	Oct 11 1990
JPD90-1199	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198, 1% py	37	Oct 11 1990
JPD90-1200	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198, double weather rind, buff outside/gossanous inside	22	Oct 11 1990
JPD90-1201	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198	12	Oct 11 1990
JPD90-1202	Greenlaw Twp.	North Shore, Rideout Lake	QC stringer at 1201 loc., tr py	62	Oct 11 1990
JPD90-1203	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198	25	Oct 11 1990
JPD90-1204	Greenlaw Twp.	North Shore, Rideout Lake	2af cb-sil, tr py	40	Oct 11 1990
JPD90-1205	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb, 1-2% py, tr lavander mineral	38	Oct 11 1990
JPD90-1206	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1205	22	Oct 11 1990
JPD90-1207	Greenlaw Twp.	North Shore, Rideout Lake	QV 50 cm wide, grey-green qtz, 2-3% diss py, west of old pit	29	Oct 12 1990
JPD90-1208	Greenlaw Twp.	North Shore, Rideout Lake	Margin of 1207	0.11 Oz/t	Oct 12 1990
JPD90-1209	Greenlaw Twp.	North Shore, Rideout Lake	FLOAT; 2f strong cb, 3-5% py diss and bands	0.015 Oz/t	Oct 12 1990
JPD90-1210	Greenlaw Twp.	North Shore, Rideout Lake	1.0m wide sil zone, 2% py diss and bands	333	Oct 12 1990
JPD90-1211	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1210	67	Oct 12 1990
JPD90-1212	Greenlaw Twp.	North Shore, Rideout Lake	3e v.sheared, sil-cb, near previous 0.1 oz/t sample	41	Oct 12 1990
JPD90-1213	Greenlaw Twp.	North Shore, Rideout Lake	Ser-chl schist, strong sil-cb, tr py, near 0.1 sample	122	Oct 12 1990
JPD90-1214	Greenlaw Twp.	North Shore, Rideout Lake	QV 1.0m wide, 2% py, cb	0.016 Oz/t	Oct 12 1990
JPD90-1215	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1214, 1% py	298	Oct 12 1990
JPD90-1216	Greenlaw Twp.	North Shore, Rideout Lake	Cb-chl-ser schist, minor sil, tr py	0.061 Oz/t	Oct 13 1990
JPD90-1217	Greenlaw Twp.	North Shore, Rideout Lake	Chl-ser schist, pervasive sil-cb alt'n, tr py	29	Oct 13 1990
JPD90-1218	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1217	18	Oct 13 1990
JPD90-1219	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1217, with cross-cutting QC stringers	18	Oct 13 1990
JPD90-1220	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb-sil	41	Oct 13 1990
JPD90-1221	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1220, 1% py	38	Oct 13 1990
JPD90-1222	Greenlaw Twp.	North Shore, Rideout Lake	Qtz stringers from 1220, bully	53	Oct 13 1990
JPD90-1223	Greenlaw Twp.	North Shore, Rideout Lake	2f v.cb, tr py	36	Oct 13 1990
JPD90-1224	Greenlaw Twp.	North Shore, Rideout Lake	2f sil, v.cb, tr py, double weathering skin	29	Oct 13 1990
JPD90-1225	Greenlaw Twp.	North Shore, Rideout Lake	Chl-ser schist, strong cb-sil	28	Oct 13 1990
JPD90-1226	Greenlaw Twp.	North Shore, Rideout Lake	2f cb, v.sil, tr py	111	Oct 13 1990
JPD90-1227	Greenlaw Twp.	North Shore, Rideout Lake	3e sil, strong cb, v.weathered	76	Oct 13 1990
JPD90-1228	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1227	22	Oct 13 1990
JPD90-1229	Greenlaw Twp.	Rideout Grid	2f cb flooded, tr py	15	Oct 14 1990
JPD90-1230	Greenlaw Twp.	Rideout Grid	Same as 1229, less sheared	<5	Oct 14 1990
JPD90-1231	Greenlaw Twp.	Rideout Grid	FLOAT; 4af, chl, dk greay qtz stringers, tr py on fractures	5	Oct 14 1990
JPD90-1232	Greenlaw Twp.	Rideout Grid	QC vein 4" wide, boudinaged and bx, 1% py in matrix	10	Oct 14 1990
JPD90-1233	Greenlaw Twp.	Rideout Grid	QC vein 4-10" wide, 1% py diss	5	Oct 14 1990
JPD90-1234	Greenlaw Twp.	Rideout Grid	Same as 1233	5	Oct 14 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1235	Greenlaw Twp.	Rideout Grid	Same as 1233	<5,<5	Oct 14 1990
JPD90-1236	Greenlaw Twp.	Rideout Grid	4f? siliceous chl schist, pervasive QC stringers/bands, 1-2% py	10	Oct 14 1990
JPD90-1237	Greenlaw Twp.	Rideout Grid	Same as 1236	15	Oct 14 1990
JPD90-1238	Greenlaw Twp.	Rideout Grid	Same as 1236	10	Oct 14 1990
JPD90-1239	Greenlaw Twp.	Rideout Grid	Same as 1236, less alt'n	<5	Oct 14 1990
JPD90-1240	Greenlaw Twp.	Rideout Grid	4a strong sil-cb, 2% py	10	Oct 14 1990
JPD90-1241	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.strong shearing, cb, tr py	15	Oct 15 1990
JPD90-1242	Greenlaw Twp.	Rideout Grid	2f 50% secondary sil, minor cb, tr py	<5	Oct 15 1990
JPD90-1243	Greenlaw Twp.	Rideout Grid	7h cb, tr py	5	Oct 15 1990
JPD90-1244	Greenlaw Twp.	Rideout Grid	Margin of 7h and chl-ser schist with strong cb-sil	<5	Oct 15 1990
JPD90-1245	Greenlaw Twp.	Rideout Grid	Chl schist, (2/4?), cb-sil, tr py, mag (po?)	<5	Oct 15 1990
JPD90-1246	Greenlaw Twp.	Rideout Grid	2f, v.cb, 1% py	5	Oct 15 1990
JPD90-1247	Greenlaw Twp.	Rideout Grid	3e(7A?) extremely sheared, v.cb, minor sil, tr py	<5,<5	Oct 15 1990
JPD90-1248	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong cb, qtz blebs, tr py, strong shearing	5	Oct 15 1990
JPD90-1249	Greenlaw Twp.	Rideout Grid	2f strong shearing and cb, tr py	5	Oct 15 1990
JPD90-1250	Greenlaw Twp.	Rideout Grid	2f 30% cb(cal), tr py	<5	Oct 15 1990
JPD90-1251	Greenlaw Twp.	Rideout Grid	Chl-ser shist v.cb, with qtz stringers, tr py	<5	Oct 15 1990
JPD90-1252	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.cb, v.weathered, gossaned	<5	Oct 15 1990
JPD90-1253	Greenlaw Twp.	Rideout Grid	Same as 1252, more ser	45	Oct 15 1990
JPD90-1254	Greenlaw Twp.	Rideout Grid	Same as 1252, more chl, QC stringers with 1% py	25	Oct 15 1990
JPD90-1255	Greenlaw Twp.	Rideout Grid	2f strong cb, sil, tr-1% py	<5	Oct 15 1990
JPD90-1256	Greenlaw Twp.	Rideout Grid	Same as 1255	45	Oct 15 1990
JPD90-1257	Greenlaw Twp.	Rideout Grid	Same as 1255, tr py	<5	Oct 15 1990
JPD90-1258	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.cb, 1% py, v.sheared	<5	Oct 19 1990
JPD90-1259	Greenlaw Twp.	Rideout Grid	2f v.sheared, v.cb(ank), tr py, qtz grains/porphs with cb alt'n halos	<5	Oct 20 1990
JPD90-1260	Greenlaw Twp.	Rideout Grid	2f ser, v.cb, 1% py, qtz stringer, minor sil	5	Oct 20 1990
JPD90-1261	Greenlaw Twp.	Rideout Grid	2f/4f v.cb, tr py in sil, minor ser	<5	Oct 20 1990
JPD90-1262	Greenlaw Twp.	Rideout Grid	2f/4f ser, v.cb(ank), v.sil, 2% py	<5	Oct 20 1990
JPD90-1263	Greenlaw Twp.	Rideout Grid	Same as 1262	5	Oct 20 1990
JPD90-1264	Greenlaw Twp.	Rideout Grid	QC stringers, tr py, in 2f-ser, v.cb-sil	<5	Oct 20 1990
JPD90-1265	Greenlaw Twp.	Rideout Grid	4f (2f?) lam, v.sheared and cb, sil, tr py	<5	Oct 22 1990
JPD90-1266	Greenlaw Twp.	Rideout Grid	Chl schist sil, v.cb, 1% py fine diss	5	Oct 22 1990
JPD90-1267	Greenlaw Twp.	Rideout Grid	Same as 1266, 1.5m chip	5	Oct 22 1990
JPD90-1268	Greenlaw Twp.	Rideout North-East Grid	QV 0.5m wide, bully, parallel and cross-cutting	<5	Oct 22 1990
JPD90-1269	Greenlaw Twp.	Rideout North-East Grid	Same as 1268, tr py at margins	10	Oct 22 1990
JPD90-1270	Greenlaw Twp.	Rideout North-East Grid	4f cb-sil, tr-1% py fine diss	<5	Oct 22 1990
JPD90-1271	Greenlaw Twp.	Rideout North-East Grid	Rubble, secondary alt'n, 3% py, from 2.0m wide bully qtz stringer zone	<5	Oct 22 1990
JPD90-1272	Greenlaw Twp.	Rideout North-East Grid	Bully Qtz, from zone at 1271	<5	Oct 22 1990
JPD90-1273	Greenlaw Twp.	Rideout North-East Grid	Same as 1271	<5	Oct 22 1990
JPD90-1274	Greenlaw Twp.	Rideout North-East Grid	QV 'S'-shaped, bully, hematite on fracture planes, 2.0X0.5m	<5	Oct 22 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1275	Greenlaw Twp.	Rideout North-East Grid	Same as 1274	<5	Oct 22 1990
JPD90-1276	Greenlaw Twp.	Rideout North-East Grid	Same as 1274	<5	Oct 22 1990
JPD90-1277	Greenlaw Twp.	Rideout North-East Grid	Same as 1272	5	Oct 22 1990
JPD90-1278	Greenlaw Twp.	Rideout Grid	IF 40% py	<5,<5	Oct 23 1990
JPD90-1279	Greenlaw Twp.	Rideout Grid	QV 4-6", 1% py, in IF	5	Oct 23 1990
JPD90-1280	Greenlaw Twp.	Rideout Grid	4a 20% py, minor secondary qtz, very hard	75	Oct 23 1990
JPD90-1281	Greenlaw Twp.	Rideout Grid	4af bx, qtz in fractures, 10% py, v.cb	<5	Oct 23 1990
JPD90-1282	Greenlaw Twp.	Rideout Grid	5c 20% py, minor secondary qtz	10	Oct 23 1990
JPD90-1283	Greenlaw Twp.	Rideout Grid	QV 2" wide, tr py, in chl-ser schist with k-spar alt'n, lam	15	Oct 23 1990

RIDEOUT EAST SAMPLE DESCRIPTIONS

SAMPLE NO.	DESCRIPTION	ASSAY PPB(OZ/T)
14311	Small zone of weakly sheared chl-carb-ser altered vol with 0.5-1% cubic pyrite and small qtz stringers	1745(.05)
14312	Small bulldozed trench--highly sheared chl-ser schist with hem and <1mm euhedral py and chevron folding	1
14313	As above. 2 cm qtz vein from chl-ser schist	1
14314	Qtz-carb stringer (boudinaged) withing chl-ser schist, some chevron folding	1
14315	Smokey qtz vein within sheared carb alt'd vol(?) poss sed. Vein pinches and swells	1
14316	Massive chl-carb alt'd vol near highly shr'd vol (sed?). Crosscut by qtz stringers	7
14317	Well shr'd chl-carb alt'd coarse grained vol (poss intrusive) with blebs of py replacing carb stringers along foliation	1
14318	Shr'd coarse gr'd vol(poss intrusive) with major chl-carb alt'n and cubic py replacing carb	1
14321	Well shr'd chl-ser alt'd mafic vol cut by qtz-fsp stringers	1
14322	Alt'd QSP--abundant chl-ser alt'n, massive	1
14323	Weakly shr'd fine grained chl-alt'd mafic-int vol with 1-2% py(cubic) along fractures	1
14324	Well shr'd lean IF(?), no visible sulfides	7
14325	Possible alt'd qtz vein (felsic intrusive?) Chl-ser alt'd host with qtz-carb-fsp in veins with 1-2% diss and stringer py along fracture	1
14326	Carb alt'd sheared mafic vol. Abundant qtz-fsp in vein	1
14327	Old Trench--Qtz-carb-ser vein in carb alt'd intrusive. Locally heavily sheared with 2-3% cubic pyrite	1
14328	Highly sheared intrusive 5m from 14327. Carb-ser alt'd with clumps of euhedral py 0.5-1% (from shear running through Old Trench)	7

RIDEOUT EAST SAMPLE DESCRIPTIONS

SAMPLE NO.	DESCRIPTION	ASSAY PPB(OZ/T)
14329	Highly shr'd and qtz-carb-chl alt'd mafic vol(poss intrusive).Tr diss py. Blebs of qtz-carb(fractured stringers)	1
14330	Mass gossenous carb alt'd intrusive(??) poss sed(very flaggy). Diss and blebs cubic py 0.5-1%	65
14331	Qtz-calcite alt'd int vol with 0.5-1% diss py in veins and qtz-ct blebs	27
14332	Massive weakly chl-ser alt'd mafic vol. Late fracturing with 0.5-1% diss cubic py	1
14341	Highly shr'd and carb-ser alt'd vol(poss sed)	1
14342	Fine grained shr'd cherty felsic vol(rhy?) near contact with shr'd mafics (poss sed?)	Not Rec'd
14343	Chert-mt Iron Formation with 2-3% py	189
14344	Possible IF interbedded with a shr'd goss vol(poss sed). Very cherty--possibly only a vein. Rock extremely warped	1
14345	Chl-alt'd mass mafic flow cut by abundant qtz-carb stringers. Weakly foliated	1
14346	From Blasted O/C from north shore of Rideout Boudinaged qtz-carb vein with 1-2% py along vein/host contact	1138(0.03)
14347	Fine grained siliceous brown carb alt'd int to fel vol. Locally brecciated	754

noranda

Norar. Exploration Company, Limited
(no personal liability)

THE ATTACHED CHEQUE IS IN SETTLEMENT OF ACCOUNTS BELOW

DESCRIPTION		INVOICE NO.		AMOUNT CR( )
SWASTIKA	10-23-91	26260	JE NO. 4721	120.64
SWASTIKA	10-23-91	26322	JE NO. 4722	704.06
SWASTIKA	10-23-91	26323	JE NO. 4723	182.97
SWASTIKA	10-23-91	26334	JE NO. 4724	62.06
SWASTIKA	10-24-91	26318	JE NO. 4747	138.30
SWASTIKA	10-24-91	26328	JE NO. 4748	226.31
SWASTIKA	10-24-91	26329	JE NO. 4749	28.09
SWASTIKA	10-24-91	26345	JE NO. 4750	125.73
SWASTIKA	10-24-91	26348	JE NO. 4751	176.02
			TOTAL	1,764.18

P.O. BOX 1205
TIMMINS, ONTARIO P4N 7J5
CANADA

CHEQUE NO. 013508

THIS STATEMENT IS FOR YOUR FILES - DETACH BEFORE DEPOSITING CHEQUE

noranda

Noranda Exploration Company, Limited
(no personal liability)

CANADIAN IMPERIAL BANK OF COMMERCE
PINE AND THIRD
TIMMINS, ONTARIO

13508

P.O. BOX 1205
TIMMINS, ONTARIO P4N 7J5
CANADA

CHEQUE NO.	DATE	AMOUNT
013508	Oct 23, 1991	****$1,764.18

NOREX - TIMMINS

PAY ******1,764 DOLLARS AND 18 CENTS

PAY TO THE ORDER OF
SWASTIKA LABORATORIES,
P. O. BOX 10,
SWASTIKA, ONTARIO.
P0K 1T0

PER _____
AUTHORIZED SIGNATURE

PER _____
AUTHORIZED SIGNATURE

NOT NEGOTIABLE

ALL DEDUCTIONS MADE
CALCULATIONS EXAMINED _____

APPROVED FOR PAYMENT _____

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppc AU	DATE SAMPLED
BM-298	Greenlaw Twp.	Hotstone West Grid	Highly sheared carb. altered int. vol. Finely diss. py 1%	15	Oct 4 1990
BM-299	Greenlaw Twp.	Hotstone West Grid	Chlorite-carb. altered int. vol with py 0.5-1%	20	Oct 4 1990
BM-300	Greenlaw Twp.	Hotstone West Grid	Quartz vein within sericite schist,minor ser alt'n of vein, tr py	10	Oct 4 1990
BM-301	Greenlaw Twp.	Hotstone West Grid	Sheared sericite altered quartz-carbonate vein. No visible sulfides	10	Oct 4 1990
BM-302	Greenlaw Twp.	Hotstone West Grid	Sheared and carbonate altered vol. with fucsite and tr. cpy	10	Oct 4 1990
BM-303	Greenlaw Twp.	Rideout Grid	Sheared ser/silica alt'd int vol. Nea contact with felsic porphyry	10	Oct 5 1990
BM-304	Greenlaw Twp.	Rideout Grid	Felsic porphyry (flow?) with abundant silica,diss py 1-2%,near contact	20	Oct 5 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
BM-305	Greenlaw Twp.	Rideout Grid	Highly folded/alt'd chl-ser schist with brecciated quartz veins	10	Oct 5 1990
BM-306	Greenlaw Twp.	Rideout Grid	Highly sheared silicified sericite schist (sheared felsic?)	10	Oct 5 1990
BM-307	Greenlaw Twp.	Rideout Grid	Sheared chl alt'd int with qtz stringers along fabric.	10	Oct 6 1990
BM-308	Greenlaw Twp.	Rideout Grid	Bull white qtz stringer along chl schist/sericite schist contact	30	Oct 6 1990
BM-309	Greenlaw Twp.	Rideout Grid	Weakly sheared carbonate altered int. vol. No visible sulfides	10	Oct 6 1990
BM-310	Greenlaw Twp.	Rideout Grid	Sheared and carbonate altered int. vol. with 2% py locally-possible bxa	10	Oct 7 1990
BM-311	Greenlaw Twp.	Rideout Grid	Chl schist with qtz-carb veins and blowouts, py 1-2%	25	Oct 7 1990
BM-312	Greenlaw Twp.	Rideout Grid	Bull white qtz-carb vein/blowout along fabric of chl schist,barren	10	Oct 7 1990
BM-313	Greenlaw Twp.	Rideout Grid	As above	15	Oct 7 1990
BM-314	Greenlaw Twp.	Rideout Grid	One metre wide alt'd int. vol.(sed?).Layers of cherty sericite. Py 1-2%	10	Oct 8 1990
BM-315	Greenlaw Twp.	Rideout Grid	Fine gr'd thinly laminated chl schist(tuff?,sed??),qtz-carb str,py 1-2%	15	Oct 8 1990
BM-316	Greenlaw Twp.	Rideout Grid	Chl alt'd int.vol. with qtz blebs(shards?). Tr py	10	Oct 8 1990
BM-317	Greenlaw Twp.	Rideout Grid	Int to mafic vol with qtz-carb veins,ser,chl.Cpy 0.5%,diss py 1% (float)	61	Oct 11 1990 — NE Carb Zone
BM-318	Greenlaw Twp.	Rideout Grid	Panel sample along bull white qtz vein in chl-ser schist	1577/.046	Oct 11 1990
BM-319	Greenlaw Twp.	Rideout Grid	Sheared int vol with chl-ser alt'n. 1-2% cubic py.Locally cherty (sed?)	50	Oct 11 1990 — Encl. Zone
BM-320	Greenlaw Twp.	Rideout Grid	Adjacent to 319. Bull white qtz vein with trace py	446/.013	Oct 11 1990
BM-321	Greenlaw Twp.	Rideout Grid	Sil int tuff/lap tuff.Py 2-3%,near QV on north shore	39	Oct 12 1990
BM-322	Greenlaw Twp.	Rideout Grid	Well lam sil fine gr'd int tuff.Tr py,ser along laminae	32	Oct 12 1990
BM-323	Greenlaw Twp.	Rideout Grid	Ser alt'd qtz vein.Tr py and chl	71	Oct 12 1990
BM-324	Greenlaw Twp.	Rideout Grid	Qtz vein/sil chl-ser schist(tuff?).Py 1%.Host finely laminated	20	Oct 12 1990
BM-325	Greenlaw Twp.	Rideout Grid	As above	55	Oct 12 1990
BM-326	Greenlaw Twp.	Rideout Grid	Qtz vein/sil int tuff with chl-ser alt'n.Minor qtz stockwork.Py 1-2	755/.022	Oct 12 1990
BM-327	Greenlaw Twp.	Rideout Grid	Qtz vein with ser and chl alt'n.Ank along fractures. Py 2%	515/.015	Oct 12 1990
BM-328	Greenlaw Twp.	Rideout Grid	Qtz vein as above with more silica and py in blebs 1-2%	1133/.033	Oct 12 1990
BM-329	Greenlaw Twp.	Rideout Grid	As above with more alt'd country rock(5-10%) and more sulfide(2-3%)	2472/.072	Oct 12 1990
BM-330	Greenlaw Twp.	Rideout Grid	As above with qtz vein more stockwork-host rock is 40-50%. Py 0.5-1%	301	Oct 12 1990
BM-331	Greenlaw Twp.	Rideout Grid	From pit.Qtz vein with chl-ser alt'd tuff. Diss py 1-2%	107	Oct 12 1990 — N Shear Vein
BM-332	Greenlaw Twp.	Rideout Grid	Mass to weakly sheared epidote(?)and carb alt'd int vol.In trench	71	Oct 13 1990
BM-333	Greenlaw Twp.	Rideout Grid	Fine gr'd well lam cherty-argillic IF with cubic py 3-5% along carb str	47	Oct 13 1990
BM-334	Greenlaw Twp.	Rideout Grid	Sil well lam chl alt'd arg with qtz fragments or cherty sweats. Py 3-5%	25	Oct 13 1990
BM-335	Greenlaw Twp.	Rideout Grid	Gossenous float from trench. Highly sil argillic IF. Py 5-8%	21	Oct 13 1990
BM-336	Greenlaw Twp.	Rideout Grid	Chert IF with some argillic abands and 0.3-1% py	83	Oct 13 1990
BM-337	Greenlaw Twp.	Rideout Grid	Well lam(beaded?)fine to med gr'd greywacke(??). Chl-carb alt'd,tr py	30	Oct 13 1990
BM-338	Greenlaw Twp.	Rideout Grid	Part of same sed unit as 337.Poss small frags(tuff?).well lam.chl-carb	51	Oct 13 1990 — NE Shear Carb Zone
BM-339	Greenlaw Twp.	Rideout Grid	Fine gr'd carb alt'd vol(tuff?),near shore,poss subparallel zone	5	Oct 16 1990
BM-340	Greenlaw Twp.	Rideout Grid	Fine gr'd finely lam chl-alt'd arg with qtz-ank interbeds.Tr py	5	Oct 16 1990
BM-341	Greenlaw Twp.	Rideout Grid	Highly sheared ser schist-completely altered to sericite. No sulfides	5	Oct 16 1990
BM-342	Greenlaw Twp.	Rideout Grid	Highly sheared chl-ser schist with ank-qtz veins and mem(?).Poss sed(?)	5	Oct 16 1990
BM-343	Greenlaw Twp.	Rideout Grid	Sheared int sed/vol(?).Chl alt'd,fine gr'd lam with bands of ser alt'n	5	Oct 16 1990
BM-344	Greenlaw Twp.	Rideout Grid	Sheared chl altered sed(vol?)with qtz-ank str along fabric.Poss lean IF	5	Oct 16 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
BM-345	Greenlaw Twp.	Rideout Grid	Discreet cherty band in fine grained sed.No visible sulfides	5	Oct 17 1990
BM-346	Greenlaw Twp.	Rideout Grid	Finely lam buff weathered,locally sil fine gr'd int vol(?)sed(??).Py 2%	5	Oct 17 1990
BM-347	Greenlaw Twp.	Rideout Grid	Finely lam fine gr'd sediment with some qtz-ank stringers. Tr py,Tr cpy	5	Oct 17 1990
BM-348	Greenlaw Twp.	Rideout Grid	Med gr'd chl altered vol with 1% py along foliation	5	Oct 22 1990
BM-349	Greenlaw Twp.	Rideout Grid	Bull white qtz-vein within chl-rich coarse gr'd int. Abundant chl alt'n	5	Oct 22 1990
BM-350	Greenlaw Twp.	Rideout Grid	Qtz porphyry,very granular with chl alt'n and stockwork stringer.Py 1%	5	Oct 22 1990
BM-351	Greenlaw Twp.	Rideout Grid	Qtz vein running subparallel to vein sampled by 349.Py 5-8%	5	Oct 22 1990
BM-352	Greenlaw Twp.	Rideout Grid	Trench.Sulfide rich lean IF.Py 10-12% in chl arg.Near JPD-1282	10	Oct 23 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED	
DS-1000	Greeenlaw Twp	Rideout Grid	Sheared tuff adjacent to diabase,sil,thin QV,Tr py	18	Oct 12 1990	
DS-1001	Greeenlaw Twp	Rideout Grid	Sil arg sed,preferred lam,cubic py 10%	47	Oct 12 1990	
DS-1002	Greeenlaw Twp	Rideout Grid	From pit,sil tuff(?)sed(??)	22	Oct 12 1990	
DS-1003	Greeenlaw Twp	Rideout Grid	From pit,narrow QV's in sil tuff,diss py	111	Oct 12 1990	
DS-1004	Greeenlaw Twp	Rideout Grid	As above	67	Oct 12 1990	
DS-1005	Greeenlaw Twp	Rideout Grid	Same as 1003-rusty from bottom of pit	652 .019	Oct 12 1990	
DS-1006	Greeenlaw Twp	Rideout Grid	Sil-carb alt'd sed, trace py	40	Oct 13 1990	
DS-1007	Greeenlaw Twp	Rideout Grid	Poss lean IF (cherty/argillite),carb zone with cherty lenses	19	Oct 13 1990	
DS-1008	Greeenlaw Twp	Rideout Grid	As above with py in lenses, 5% py in qtz stringers	14	Oct 13 1990	
DS-1009	Greeenlaw Twp	Rideout Grid	Conglomerate(??),sil/carb zone	32	Oct 13 1990	
DS-1010	Greeenlaw Twp	Rideout Grid	Highly carb alt'd sed(??). No sulfides	20	Oct 13 1990	
DS-1011	Greeenlaw Twp	Rideout Grid	Boudinaged QV blebs in chl schist.Qtz is friable,trace cubic py	5	Oct 14 1990	
DS-1012	Greeenlaw Twp	Rideout Grid	Thin veinlets of qtz in fine gr'd vol.Tr py	5	Oct 14 1990	
DS-1013	Greeenlaw Twp	Rideout Grid	Qtz vein along sed/vol contact	5	Oct 14 1990	
DS-1014	Greeenlaw Twp	Rideout Grid	Chlorite schist with carbonate (sheared fine grained vol),tr py	5	Oct 14 1990	
DS-1015	Greeenlaw Twp	Rideout Grid	Sil chl schist (poss tuff),carb alt'n,no sulfides	5	Oct 20 1990	
DS-1016	Greeenlaw Twp	Rideout Grid	Tuff with bombs to 1 ft.,chloritic with minor py,cpy.Secondary silica	5	Oct 20 1990	
DS-1017	Greeenlaw Twp	Rideout Grid	Pyritic shale.Laminated with cubic py 1-2%	5	Oct 20 1990	
DS-1018	Greeenlaw Twp	Rideout Grid	Bull QV along cherty arg sed(lean IF)/vol contact. Jasser or red fsp	5	Oct 22 1990	
DS-1019	Greeenlaw Twp	Rideout Grid	As above	5	Oct 22 1990	
DS-1020	Greeenlaw Twp	Rideout Grid	As above.cherty sed with minor py cubes	5	Oct 22 1990	
DS-1021	Greeenlaw Twp	Rideout Grid	Discontinuous bully QV at sed/vol contact	5	Oct 22 1990	
DS-1022	Greeenlaw Twp	Rideout Grid	As above	5	Oct 22 1990	
DS-1023	Greeenlaw Twp	Rideout Grid	Mass fine gr'd vol.carb alt'd with calcite veinlets	5	Oct 22 1990	
DS-1024	Greeenlaw Twp	Rideout Grid	Highly sheared chl schist with major carb with kinked schistosity	5	Oct 22 1990	

N-shore vein

NE-vein (carb zone)

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
DS-1025	Greenlaw Twp	Rideout Grid	As above with more carbonate	5	Oct 22 1990
DS-1026	Greenlaw Twp	Rideout Grid	QV with trace sulfide	5	Oct 22 1990
JPD90-1155	Greenlaw Twp.	Hotstone Grid West	Flat lying qtz stringer, bully, tr fuchsite, in sil 3e	15	Oct. 5 1990
JPD90-1156	Greenlaw Twp.	Hotstone Grid West	Grab from rubble (in situ), stronly silicified 2f	10	Oct. 5 1990
JPD90-1157	Greenlaw Twp.	Hotstone Grid West	QV 2", white to tan, tr py, cb	10	Oct. 5 1990
JPD90-1158	Greenlaw Twp.	Hotstone Grid West	Grab from road rubble, strongly cb qtz, tr py	10	Oct. 5 1990
JPD90-1159	Greenlaw Twp.	Rideout Grid	V.sheared, v.cb, 2A/4A?, tr py, sil	5	Oct. 6 1990
JPD90-1160	Greenlaw Twp.	Rideout Grid	3A/7A, v.sheared, sil 1% py diss	<5	Oct. 6 1990
JPD90-1161	Greenlaw Twp.	Rideout Grid	2A v.sheared, tr py, sil, cb, ser	5	Oct. 6 1990
JPD90-1162	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.sheared, strong cb, talus	10	Oct. 6 1990
JPD90-1163	Greenlaw Twp.	Rideout Grid	Qtz pods and stringers, tr py cpy at margins	770	Oct. 6 1990
JPD90-1164	Greenlaw Twp.	Rideout Grid	Host to 1163, 4A, strong sil, sheared, tr py	20	Oct. 6 1990
JPD90-1165	Greenlaw Twp.	Rideout Grid	4A v.sheared, strong sil	15	Oct. 6 1990
JPD90-1166	Greenlaw Twp.	Rideout Grid	Ser-chl schist, strong sil, tr cpy	15	Oct. 6 1990
JPD90-1167	Greenlaw Twp.	Rideout Grid	2a or chilled 6a, bx, strong sil-cb, tr py on fractures	15	Oct. 6 1990
JPD90-1168	Greenlaw Twp.	Rideout Grid	2f, sil, 1-2% py, at contact with 7ed	10	Oct. 6 1990
JPD90-1169	Greenlaw Twp.	Rideout Grid	7ed, sheared, sil, 1-2% py at contact with 2f	10	Oct. 6 1990
JPD90-1170	Greenlaw Twp.	Rideout Grid	7ed, sheared, v.sil, 1-2% py	10	Oct. 6 1990
JPD90-1171	Greenlaw Twp.	Rideout Grid	4g, strong shearing, strong sil, tr py, strong felsic volcanic input	5	Oct. 6 1990
JPD90-1172	Greenlaw Twp.	Rideout Grid	Same as 1171, 1% py	10	Oct. 6 1990
JPD90-1173	Greenlaw Twp.	Rideout Grid	FLOAT; angular, tabular qtz boulders, tr py	20	Oct 7 1990
JPD90-1174	Greenlaw Twp.	Rideout Grid	Same as 1173, 5% py	25	Oct 7 1990
JPD90-1175	Greenlaw Twp.	Rideout Grid	4g sil, sheared, contorted, 1% py diss, strong felsic volcanic input	15	Oct 7 1990
JPD90-1176	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong sil cb, 5% py diss and bands (4A?)	20	Oct 7 1990
JPD90-1177	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong shearing, v.strong cb, tr py, gossanous	10	Oct 7 1990
JPD90-1178	Greenlaw Twp.	Rideout Grid	4A sil 1% py, patchy cb	10	Oct 7 1990
JPD90-1179	Greenlaw Twp.	Rideout Grid	2f, strong shearing, v.strong cb, 1% py, similar to 1177	15	Oct 7 1990
JPD90-1180	Greenlaw Twp.	Rideout Grid	Qtz stringers in 2a, white, tr py	15	Oct 7 1990
JPD90-1181	Greenlaw Twp.	Rideout Grid	4a, ser, sheared, strong cb, tr py	10	Oct 7 1990
JPD90-1182	Greenlaw Twp.	Rideout Grid	2f, sil, strong cb (cal), 1-2% py, old-timer pit	20	Oct 9 1990
JPD90-1183	Greenlaw Twp.	Rideout Grid	Same as 1182, 5-10% py	130	Oct 9 1990
JPD90-1184	Greenlaw Twp.	Rideout Grid	Same loc., granular qtz-cb stringers, tr py	25	Oct 9 1990
JPD90-1185	Greenlaw Twp.	Rideout Grid	Contact of 4A, sil cb, k-spar alt'n and 7h, 2% py	15	Oct 9 1990
JPD90-1186	Greenlaw Twp.	Rideout Grid	4a, sil cb, sheared, chl, 1-3% py	25	Oct 9 1990
JPD90-1187	Greenlaw Twp.	Rideout Grid	4A, chl-ser, cb sil, tr py, gossanous	15	Oct 9 1990
JPD90-1188	Greenlaw Twp.	Rideout Grid	Chl-cb-ser schist, tr py gossanous weathering	15	Oct 9 1990
JPD90-1189	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong shearing, contorted, cb sil, tr py on fractures	15	Oct 9 1990
JPD90-1190	Greenlaw Twp.	Rideout Grid	2f strong sil-cb, (2A/4A?), gossanous weathering	10	Oct 10 1990
JPD90-[redacted]	Greenlaw Twp.	Rideout Grid	Same as 1190, with QC stringers, tr py	70	Oct 10 1990
JPD90-1192	Greenlaw Twp.	Rideout Grid	Same as 1190, more sil, 2-3% py	200	Oct 10 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1193	Greenlaw Twp.	Rideout Grid	QC stringer no sulphides	41	Oct 10 1990
JPD90-1194	Greenlaw Twp.	Rideout Grid	Same as 1190, tr py	22	Oct 10 1990
JPD90-1195	Greenlaw Twp.	Rideout Grid	Same as 1190, stronger shearing	47	Oct 10 1990
JPD90-1196	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb-sil, very gossaned, tr py	54	Oct 11 1990
JPD90-1197	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1196, more sil, 2% py	41	Oct 11 1990
JPD90-1198	Greenlaw Twp.	North Shore, Rideout Lake	2f pervasive sil-cb alt'n, tr py	35	Oct 11 1990
JPD90-1199	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198, 1% py	37	Oct 11 1990
JPD90-1200	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198, double weather rind, buff outside/gossanous inside	22	Oct 11 1990
JPD90-1201	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198	12	Oct 11 1990
JPD90-1202	Greenlaw Twp.	North Shore, Rideout Lake	QC stringer at 1201 loc., tr py	62	Oct 11 1990
JPD90-1203	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1198	25	Oct 11 1990
JPD90-1204	Greenlaw Twp.	North Shore, Rideout Lake	2af cb-sil, tr py	40	Oct 11 1990
JPD90-1205	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb, 1-2% py, tr lavender mineral	38	Oct 11 1990
JPD90-1206	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1205	22	Oct 11 1990
JPD90-1207	Greenlaw Twp.	North Shore, Rideout Lake	QV 50 cm wide, grey-green qtz, 2-3% diss py, west of old pit	29	Oct 12 1990
JPD90-1208	Greenlaw Twp.	North Shore, Rideout Lake	Margin of 1207	0.11 Oz/t	Oct 12 1990
JPD90-1209	Greenlaw Twp.	North Shore, Rideout Lake	FLOAT: 2f strong cb, 3-5% py diss and bands	0.015 Oz/t	Oct 12 1990
JPD90-1210	Greenlaw Twp.	North Shore, Rideout Lake	1.0m wide sil zone, 2% py diss and bands	333	Oct 12 1990
JPD90-1211	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1210	67	Oct 12 1990
JPD90-1212	Greenlaw Twp.	North Shore, Rideout Lake	3e v.sheared, sil-cb, near previous 0.1 oz/t sample	41	Oct 12 1990
JPD90-1213	Greenlaw Twp.	North Shore, Rideout Lake	Ser-chl schist, strong sil-cb, tr py, near 0.1 sample	122	Oct 12 1990
JPD90-1214	Greenlaw Twp.	North Shore, Rideout Lake	QV 1.0m wide, 2% py, cb	0.016 Oz/t	Oct 12 1990
JPD90-1215	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1214, 1% py	298	Oct 12 1990
JPD90-1216	Greenlaw Twp.	North Shore, Rideout Lake	Cb-chl-ser schist, minor sil, tr py	0.061 Oz/t	Oct 13 1990
JPD90-1217	Greenlaw Twp.	North Shore, Rideout Lake	Chl-ser schist, pervasive sil-cb alt'n, tr py	29	Oct 13 1990
JPD90-1218	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1217	18	Oct 13 1990
JPD90-1219	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1217, with cross-cutting QC stringers	18	Oct 13 1990
JPD90-1220	Greenlaw Twp.	North Shore, Rideout Lake	2f strong cb-sil	41	Oct 13 1990
JPD90-1221	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1220, 1% py	38	Oct 13 1990
JPD90-1222	Greenlaw Twp.	North Shore, Rideout Lake	Qtz stringers from 1220, gully	53	Oct 13 1990
JPD90-1223	Greenlaw Twp.	North Shore, Rideout Lake	2f v.cb, tr py	36	Oct 13 1990
JPD90-1224	Greenlaw Twp.	North Shore, Rideout Lake	2f sil, v.cb, tr py, double weathering skin	29	Oct 13 1990
JPD90-1225	Greenlaw Twp.	North Shore, Rideout Lake	Chl-ser schist, strong cb-sil	28	Oct 13 1990
JPD90-1226	Greenlaw Twp.	North Shore, Rideout Lake	2f cb, v.sil, tr py	111	Oct 13 1990
JPD90-1227	Greenlaw Twp.	North Shore, Rideout Lake	3e sil, strong cb, v.weathered	76	Oct 13 1990
JPD90-1228	Greenlaw Twp.	North Shore, Rideout Lake	Same as 1227	22	Oct 13 1990
JPD90-1229	Greenlaw Twp.	Rideout Grid	2f cb flooded, tr py	15	Oct 14 1990
JPD90-[illegible]	Greenlaw Twp.	Rideout Grid	Same as 1229, less sheared	<5	Oct 14 1990
JPD90-[illegible]	Greenlaw Twp.	Rideout Grid	FLOAT: 4af, chl, ck greasy qtz stringers, tr py on fractures	5	Oct 14 1990
JPD90-1232	Greenlaw Twp.	Rideout Grid	QC vein 4" wide, boudinaged and ox, 1% py in matrix	10	Oct 14 1990

SAMPLE NUMBER	LOCATION	TOPOGRAPHY	DESCRIPTION	ppb AU	DATE SAMPLED
JPD90-1233	Greenlaw Twp.	Rideout Grid	QC vein 4-10" wide, 1% py diss	5	Oct 14 1990
JPD90-1234	Greenlaw Twp.	Rideout Grid	Same as 1233	5	Oct 14 1990
JPD90-1235	Greenlaw Twp.	Rideout Grid	Same as 1233	<5,<5	Oct 14 1990
JPD90-1236	Greenlaw Twp.	Rideout Grid	4f? siliceous chl schist, pervasive QC stringers/bands, 1-2% py	10	Oct 14 1990
JPD90-1237	Greenlaw Twp.	Rideout Grid	Same as 1236	15	Oct 14 1990
JPD90-1238	Greenlaw Twp.	Rideout Grid	Same as 1236	10	Oct 14 1990
JPD90-1239	Greenlaw Twp.	Rideout Grid	Same as 1236, less alt'n	<5	Oct 14 1990
JPD90-1240	Greenlaw Twp.	Rideout Grid	4a strong sil-cb, 2% py	10	Oct 14 1990
JPD90-1241	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.strong shearing, cb, tr py	15	Oct 15 1990
JPD90-1242	Greenlaw Twp.	Rideout Grid	2f 50% secondary sil, minor cb, tr py	<5	Oct 15 1990
JPD90-1243	Greenlaw Twp.	Rideout Grid	7h cb, tr py	5	Oct 15 1990
JPD90-1244	Greenlaw Twp.	Rideout Grid	Margin of 7h and chl-ser schist with strong cb-sil	<5	Oct 15 1990
JPD90-1245	Greenlaw Twp.	Rideout Grid	Chl schist, (2/4?), cb-sil, tr py, mag (po?)	<5	Oct 15 1990
JPD90-1246	Greenlaw Twp.	Rideout Grid	2f, v.cb, 1% py	5	Oct 15 1990
JPD90-1247	Greenlaw Twp.	Rideout Grid	3e(7A?) extremely sheared, v.cb, minor sil, tr py	<5,<5	Oct 15 1990
JPD90-1248	Greenlaw Twp.	Rideout Grid	Chl-ser schist, strong cb, qtz blebs, tr py, strong shearing	5	Oct 15 1990
JPD90-1249	Greenlaw Twp.	Rideout Grid	2f strong shearing and cb, tr py	5	Oct 15 1990
JPD90-1250	Greenlaw Twp.	Rideout Grid	2f 30% cb(cal), tr py	<5	Oct 15 1990
JPD90-1251	Greenlaw Twp.	Rideout Grid	Chl-ser shist v.cb, with qtz stringers, tr py	<5	Oct 15 1990
JPD90-1252	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.cb, v.weathered, gossaned	<5	Oct 15 1990
JPD90-1253	Greenlaw Twp.	Rideout Grid	Same as 1252, more ser	45	Oct 15 1990
JPD90-1254	Greenlaw Twp.	Rideout Grid	Same as 1252, more chl, QC stringers with 1% py	25	Oct 15 1990
JPD90-1255	Greenlaw Twp.	Rideout Grid	2f strong cb, sil, tr-1% py	<5	Oct 15 1990
JPD90-1256	Greenlaw Twp.	Rideout Grid	Same as 1255	45	Oct 15 1990
JPD90-1257	Greenlaw Twp.	Rideout Grid	Same as 1255, tr py	<5	Oct 15 1990
JPD90-1258	Greenlaw Twp.	Rideout Grid	Chl-ser schist, v.cb, 1% py, v.sheared	<5	Oct 19 1990
JPD90-1259	Greenlaw Twp.	Rideout Grid	2f v.sheared, v.cb(ank), tr py, qtz grains/porphs with cb alt'n halos	<5	Oct 20 1990
JPD90-1260	Greenlaw Twp.	Rideout Grid	2f ser, v.cb, 1% py, qtz stringer, minor sil	5	Oct 20 1990
JPD90-1261	Greenlaw Twp.	Rideout Grid	2f/4f v.cb, tr py in sil, minor ser	<5	Oct 20 1990
JPD90-1262	Greenlaw Twp.	Rideout Grid	2f/4f ser, v.cb(ank), v.sil, 2% py	<5	Oct 20 1990
JPD90-1263	Greenlaw Twp.	Rideout Grid	Same as 1262	5	Oct 20 1990
JPD90-1264	Greenlaw Twp.	Rideout Grid	QC stringers, tr py, in 2f-ser, v.cb-sil	<5	Oct 20 1990
JPD90-1265	Greenlaw Twp.	Rideout Grid	4f (2f?) lam, v.sheared and cb, sil, tr py	<5	Oct 22 1990
JPD90-1266	Greenlaw Twp.	Rideout Grid	Chl schist sil, v.cb, 1% py fine diss	5	Oct 22 1990
JPD90-1267	Greenlaw Twp.	Rideout Grid	Same as 1266, 1.5m chip	5	Oct 22 1990
JPD90-1268	Greenlaw Twp.	Rideout North-East Grid	QV 0.5m wide, bully, parallel and cross-cutting	<5	Oct 22 1990
JPD90-1269	Greenlaw Twp.	Rideout North-East Grid	Same as 1268, tr py at margins	10	Oct 22 1990
JPD90-1270	Greenlaw Twp.	Rideout North-East Grid	4f cb-sil, tr-1% py fine diss	<5	Oct 22 1990
JPD90-1271	Greenlaw Twp.	Rideout North-East Grid	Rubble, secondary alt'n, 3% py, from 2.0m wide bully qtz stringer zone	<5	Oct 22 1990
JPD90-1272	Greenlaw Twp.	Rideout North-East Grid	Bully Qtz, from zone at 1271	<5	Oct 22 1990

CORONA CORPORATION

120 ADELAIDE STREET WEST
SUITE 1900
TORONTO, CANADA M5H 1T1

CANADIAN IMPERIAL BANK OF COMMERCE
MAIN BRANCH, COMMERCE COURT
TORONTO, ONTARIO M5L 1G9

CHEQUE NUMBER 005017

DATE	AMOUNT
Oct 05 90	7,071.75

PAY ***** Seven Thousand Seventy-One and 75/100 ******

TO THE ORDER OF
TSL LABORATORIES
2031 RIVERSIDE DRIVE
UNIT 2
TIMMINS, ONTARIO
P4N 7C3

CORONA CORPORATION

PER _____

PER _____

⑈0000 2⑈0 10⑈ 22⑈696 19⑈ ⑈0000707175⑈

TECHNICAL SERVICE LABORATORIES
2031 RIVERSIDE DRIVE
UNIT 2
TIMMINS, ONTARIO
P4N 7C3

NO '90' 05
ROYAL BANK
ONTARIO PO

NO '90' 06 112-003
C.I.B.C.
DATA CENTRE
TOR. ONT.

CORONA CORPORATION

320 ADELAIDE STREET WEST
SUITE 1900
TORONTO, ONTARIO M5H 1T1

CANADIAN IMPERIAL BANK OF COMMERCE
MAIN BRANCH, COMMERCE COURT
TORONTO, ONTARIO M5L 1G9

CHEQUE NUMBER 4938

DATE	AMOUNT
Sep 27 90	2 400.00

PAY ****Two Thousand Four Hundred and 00/100****

TO THE ORDER OF
MR M. MORONE
[illegible] FORTH AVENUE
TORONTO, ONTARIO
[illegible]

CORONA CORPORATION

PER _____

PER Mary Mero

⑈0000 2⑈0 6 0 1⑈ 2 2⑈6 9 6 1 9⑈ ⑈0000 21,0000⑈

CM [illegible] DATE [illegible]

ND '90' 05
ROYAL BANK
ONTARIO

ND '90' 06
C.I.B.C.
DATA CENTRE
TOR ONT.

Pp. Wabana
AC. 30 12

INVOICE.

In account with Corona-Corp.

re: Baseline cutting in GREENLAW Towaship.

Aug 1 to Aug 20 1990

Six miles @ 400.00 a mile

Total - $2400.00

Wm. Watson

152 FIFTH AVE.

TIMMINS, Ont.

P4N 5K9.

264 927C

4938

W37
08/20/90
08/20/90
3 5032
900604 2400.00

OK. please pay ASAP.

A/C Barber - Greenlaw ONTARIO 90-06 03 5032

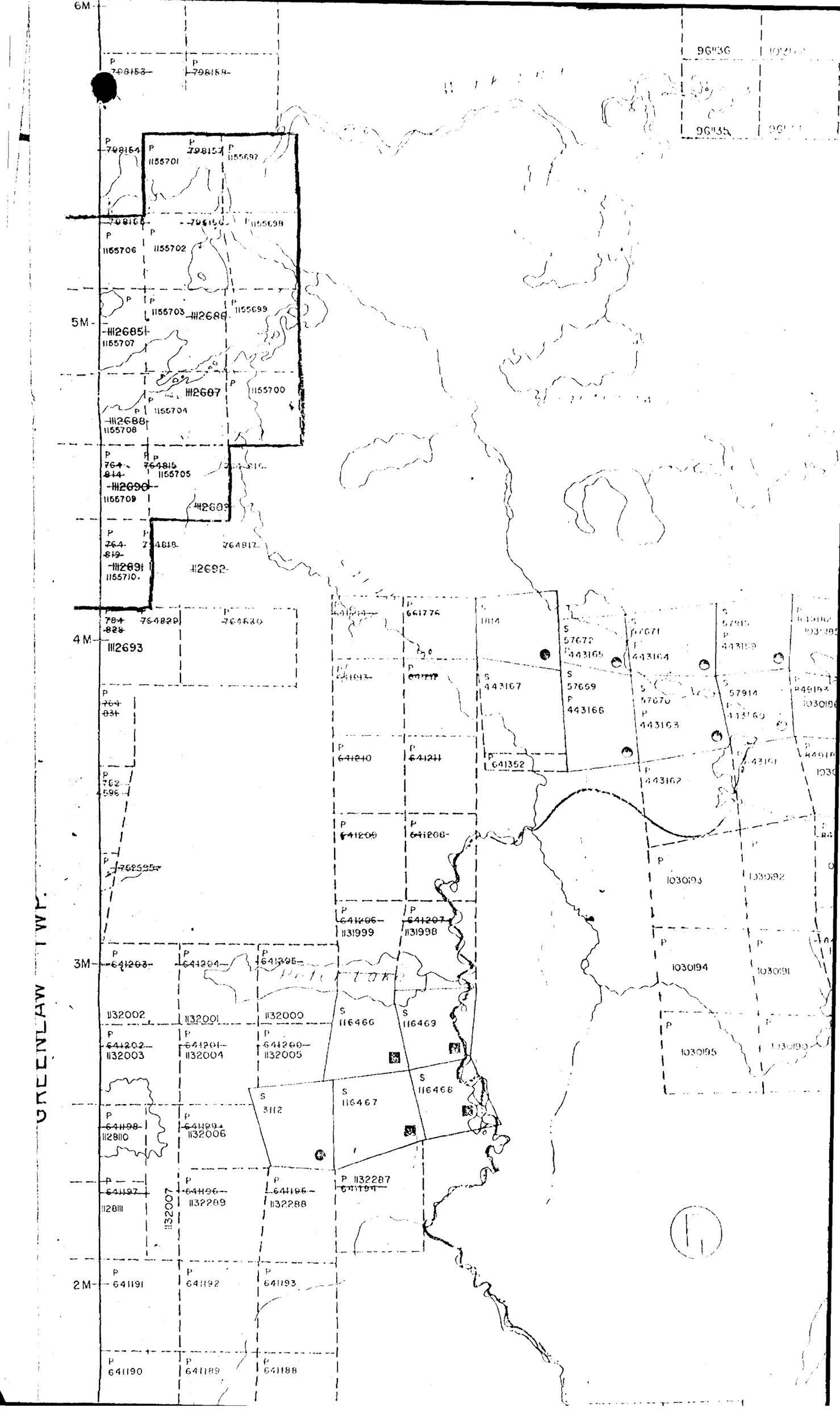
June 28, 1991

INVOICE

In account with.
K.J. McDONOUGH IN
GREEN LAKE TOWNSHIP.
May 15th to June 15 1991

2 1/2 miles @ 400.00 a mile
Total $1000.00

sign here. x Mike Watano
M. Watano
152 FIFTH AVE
TIMMINS Ont
P4N 5K9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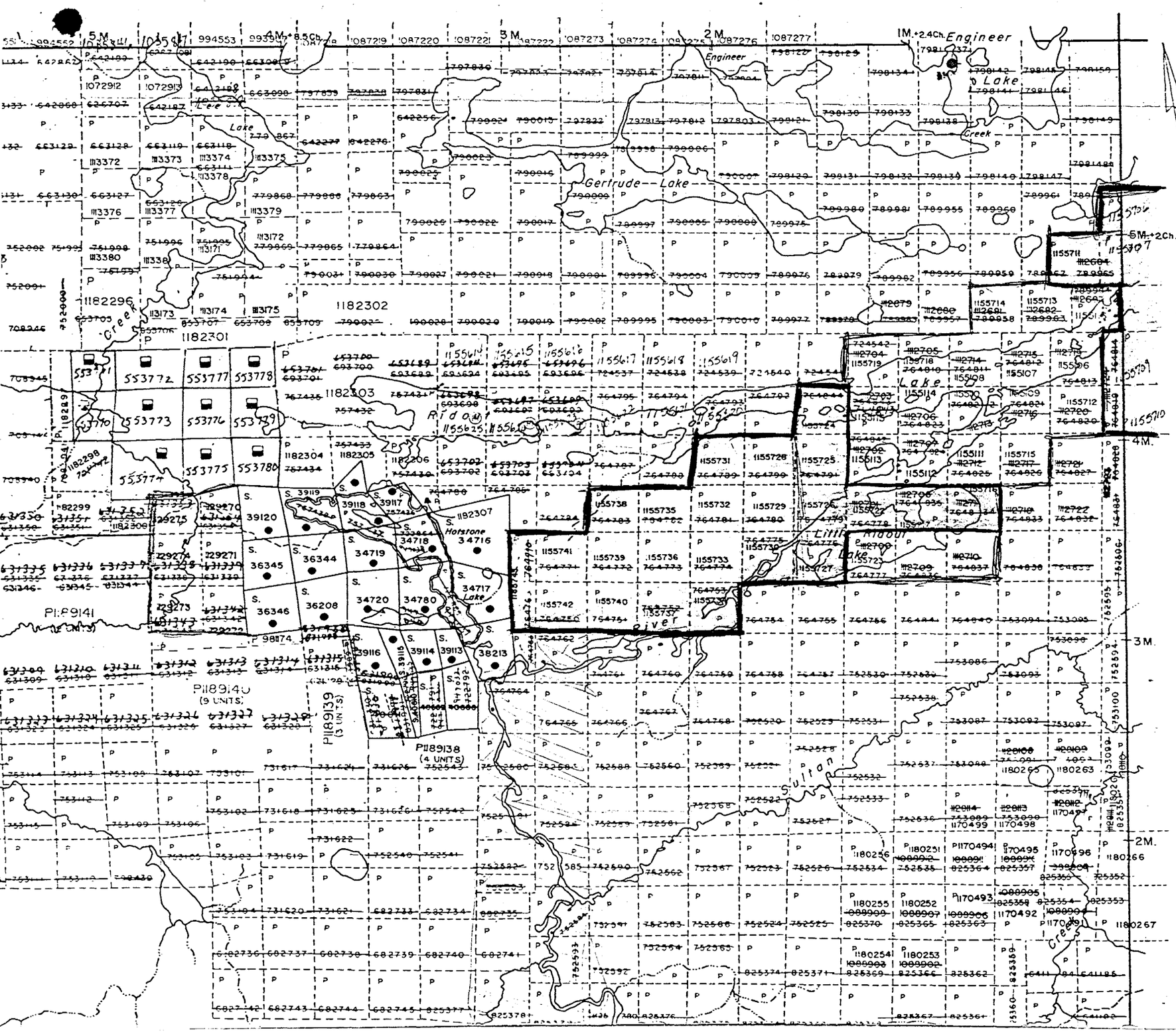

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES:
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◒
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	◨
" , MINING RIGHTS ONLY	◨
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊗
SAND & GRAVEL	Ⓢ

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

TOWNSHIP

GREENLAW

M.N.R. ADMINISTRATIVE DISTRICT

Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9260.00063

MNG LANDS

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, P.O. Box 5000, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

41010NE0086 2.14652 CUNNINGHAM

900

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for 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)		Client No.
KERVIN McDONOUGH		167370
Address: 24 GREENMEADOW COURT, ST. CATHARINES, ONTARIO L2N 6Y8		Telephone No.: 416-937-5073
Mining Division: PORCUPINE	Township/Area: GREENLAW/CUNNINGHAM	M or G Plan No.
Dates Work Performed: From: AUGUST 1, 1990	To: OCTOBER 17, 1991	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	GEOLOGICAL MAPPING
	Physical Work, Including Drilling	LINECUTTING
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECEIVED
JUL 13 1992
MINING LANDS BRANCH

RECORDED
MAY 25 1992
Receipt

Total Assessment Work Claimed on the Attached Statement of Costs $ 15,166.00

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
MIKE WABANO (LINECUTTER)	152 FIFTH AVENUE, TIMMINS, ONTARIO P4N 5K9
BARRY McDONOUGH	24 GREENMEADOW COURT, ST. CATHARINES, ONTARIO L2N 6Y8
STEWART WINTER	1849 ORIOLE DRIVE, SUDBURY, ONTARIO P3E 3W5

(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: May 18/92	Recorded Holder or Agent (Signature): K.J. McDonough

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		
Telepone No.	Date: May 18/92	Certified By (Signature): K.J. McDonough

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$15,166.00	MAY 25/92	D. White	PORCUPINE MINING DIVISION RECEIVED MAY 25 1992
	Deemed Approval Date: AUG 23rd/92	Date Approved	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
✓	P. 1155698	1	798.00	400.00	798.00	Ø
	P. 1155703	1	798.00	400.00	798.00	Ø
	P. 1155707	1	798.00	400.00	798.00	Ø
	P. 1155116	1	~~798.00~~ 802.00	Ø	140.00	680.00
	P. 1155709	1	N.I	400.00	Ø	Ø
	P. 1155706	1	N.I	400.00	Ø	Ø
	P. 1155713	1	798.00	Ø	798.00	Ø
	P. 1155714	1	798.00	Ø	798.00	Ø
	P. 1155708	1	798.00	400.00	798.00	Ø
	P. 1155704	1	798.00	400.00	798.00	Ø
	P. 1155108	1	798.00	Ø	798.00	Ø
	P. 1155110	1	798.00	Ø	798.00	Ø
	P. 1155114	1	798.00	Ø	798.00	Ø
	P. 1155112	1	798.00	Ø	798.00	Ø
	P. 1155115	1	798.00	Ø	798.00	Ø
	P. 1155113	1	798.00	Ø	798.00	Ø
	P. 1155724	1	798.00	400.00	798.00	Ø
		Total Number of Claims	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

RECEIVED
JUL 13 1992
MINING LANDS BRANCH

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 priorized 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: R. J. McGuire Date

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	P.1155725	1	798.00	400.00	798.00	0
	P.1155726	1	798.00	400.00	798.00	0
	P1155728	1	798.00	400.00	798.00	0
	P1155729	1	798.00	400.00	798.00	0
	P.1155697	1	0	400.00	0	0
	P-1155699	1	0	400.00	0	0
	P-1155700	1	0	400.00	0	0
	P-1155701	1	0	400.00	0	0
	P-1155702	1	0	400.00	0	0
	P-1155710	1	0	400.00	0	0
	P1155716	1	0	400.00	0	0
	P.1155727	1	0	400.00	0	0
	P-1155723	1	0	400.00	0	0
	P.1155730	1	0	400.00	0	0
	P.1155711	1	0	36.00	0	0
	P-1155705	1	0	400.00	0	0
	P-1155731	1	0	400.00	0	0
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

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Signature

Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessmen: Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	P.1155732	1	Ø	400.00	Ø	Ø
	P.1155733	1	Ø	400.00	Ø	Ø
	P.1155734	1	Ø	400.00	Ø	Ø
	P.1155735	1	Ø	400.00	Ø	Ø
	P.1155736	1	Ø	400.00	Ø	Ø
	P.1155737	1	Ø	400.00	Ø	Ø
	P.1155738	1	Ø	400.00	Ø	Ø
	P.1155739	1	Ø	400.00	Ø	Ø
	P.1155740	1	Ø	400.00	Ø	Ø
	P.1155741	1	Ø	400.00	Ø	Ø
	P.1155742	1	Ø	400.00	Ø	Ø
	P.1155743	1	Ø	400.06	Ø	Ø
	46		15166.00	14486.00	14486.00	680.00
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

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JUL 13 1992
MINING LAND$ BRANCH

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

Signature

Date

241 (03/91)

Ministry of Northern Development and Mines

Ontario

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: W7240.00063

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, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Geology Main-d'oeuvre	63 man days @ $150/day	9450.00
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Linecutting	2600.00	
	Geology	646.00	
			3246.00
Supplies Used Fournitures utilisées	Type Assays	247 @ $10/sample	2470.00
	RECEIVED		
			2470.00
Equipment Rental Location de matériel	Type JUL 13 1992		
	MINING LANDS BRANCH		
	Total Direct Costs / Total des coûts directs		15,166.00

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 RECORDED MAY 25 1992 Receipt		
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) / Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)		

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
× 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	Evaluation totale demandée
× 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 (Recorded Holder, Agent, Position in Company) I am authorized

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
K J McDonough	May 14/92

0212 (06/91)

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

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Geoscience Approvals Section
Mining Lands Branch
Willet Green Miller Centre
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

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

Our File: 2.14652
Transaction #: W9260.00063

October 15, 1992

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

Dear Sir/Madam:

RE: APPROVAL OF NOTICE OF REDUCTION ISSUED FOR ASSESSMENT WORK REPORTED ON MINING CLAIMS P1155698 ET AL. IN GREENLAW AND CUNNINGHAM TOWNSHIPS.

The assessment work credits as outlined in the Notice of Reduction dated August 21, 1992 have been approved as of October 5, 1992. Please see the attached assessment work credit forms.

If you require additional information please contact Dale Messenger at (705) 670-5858.

Yours sincerely,

Ron C Gashinski

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

DEM/jl
Enclosures:

cc: Assessment Files Office
Toronto, Ontario

Resident Geologist
Timmins, Ontario

ASSESSMENT WORK CREDIT FORM

FILE NUMBER: 2.14652
DATE: October 15, 1992
TRANSACTION NUMBER: W9260.00063

RECORDED HOLDER: Kervin McDonough
TOWNSHIP: Greenlaw and Cunningham Twps.
CLIENT NUMBER: 167370

CLAIM NUMBER	VALUE OF ASSESSMENT WORK DONE ON CLAIM	VALUE APPLIED TO THIS CLAIM	VALUE ASSIGNED TO THIS CLAIM
P1155698	$ 925.00	$ 499.00	$ 426.00
P1155703	$ 923.00	$ 497.00	$ 426.00
P1155707	$ 923.00	$ 497.00	$ 426.00
P1155116	$ 923.00	$ 497.00	$ 426.00
P1155709	$ 0.00	$ 497.00	$ 0.00
P1155706	$ 0.00	$ 497.00	$ 0.00
P1155713	$ 923.00	$ 497.00	$ 426.00
P1155714	$ 923.00	$ 497.00	$ 426.00
P1155708	$ 923.00	$ 497.00	$ 426.00
P1155704	$ 923.00	$ 497.00	$ 426.00
P1155108	$ 923.00	$ 497.00	$ 426.00
P1155110	$ 923.00	$ 497.00	$ 426.00
P1155114	$ 923.00	$ 497.00	$ 426.00
P1155112	$ 923.00	$ 497.00	$ 426.00
P1155115	$ 923.00	$ 497.00	$ 426.00
P1155113	$ 923.00	$ 497.00	$ 426.00
P1155697	$ 0.00	$ 497.00	$ 0.00
P1155699	$ 0.00	$ 497.00	$ 0.00
P1155700	$ 0.00	$ 497.00	$ 0.00
P1155701	$ 0.00	$ 497.00	$ 0.00
P1155702	$ 0.00	$ 497.00	$ 0.00
P1155710	$ 0.00	$ 497.00	$ 0.00
P1155716	$ 0.00	$ 497.00	$ 0.00
P1155723	$ 0.00	$ 497.00	$ 0.00
P1155711	$ 0.00	$ 497.00	$ 0.00
P1155705	$ 0.00	$ 497.00	$ 0.00
	$12924.00	$12924.00	$5964.00

LEGEND

- 3 *FELSIC*
  - 3a FRAGMENTAL - TUFFS
  - 3b FLOWS
  - 3c DYKES
- 2 *INTERMEDIATE*
  - 2a FRAGMENTAL - TUFFS
  - 2b FLOWS
- 1 *MAFIC*
  - 1a FLOWS
  - 1b INTRUSIVE

- JOINTING - vertical
- 40° - inclined
- 60° FOLIATION - vertical
- FOLIATION - inclined
- GEOLOGICAL CONTACT
- C CARBONATE ALTERATION
- Sil SILICEOUS
- Ch CHLORITIZED
- S SULPHIDES (pyrite)
- Q QUARTZ VEINING
- ep EPIDOTE
- f FLUORITE
- 183803 • SAMPLE LOCATION AND NUMBER
- (4) AREA REFERRED TO IN TEXT

1155714

1155713

1155116

1155709

1155108

1155107

1155106

1155110

1155109

1155712

1155710

LAKE

RIDOUT

GREENLAW TWP.

CUNNINGHAM TWP.

(4) 183801 183802
Ia,S,Sil,C,ep

(3) Ib(?) Ch
Ib(?) Ch,C
183803 183804 Ch,C,Q

(2) 183805 183806
Boulder- C,Q very strong alt.
Ia Ch,C 75°

(1) 183807 183808
80° C,Q,Sil very strong alt.
183809 183810
2a,Q
Ia,C
2-3a,Q
2a
Ib,ep.,f.,Ch 183811
2a
2a
3c Q

2a,Sil,S,Q 75°
2a,Q
Ia
75° 2-3a,Q
75° 2a,Q,S

2. 14652

FIGURE 3

RIDOUT EAST CLAIM GROUP

K. McDONOUGH

PRELIMINARY GEOLOGY & SAMPLING

SWAYZE AREA, ONTARIO

SCALE 1 : 2,000 JUNE, 1991

REVISED: SEPT., 1992

LOCATION MAP

EAST RIDOUT CLAIM GROUP

MAPPED AREA

RIDOUT LAKE

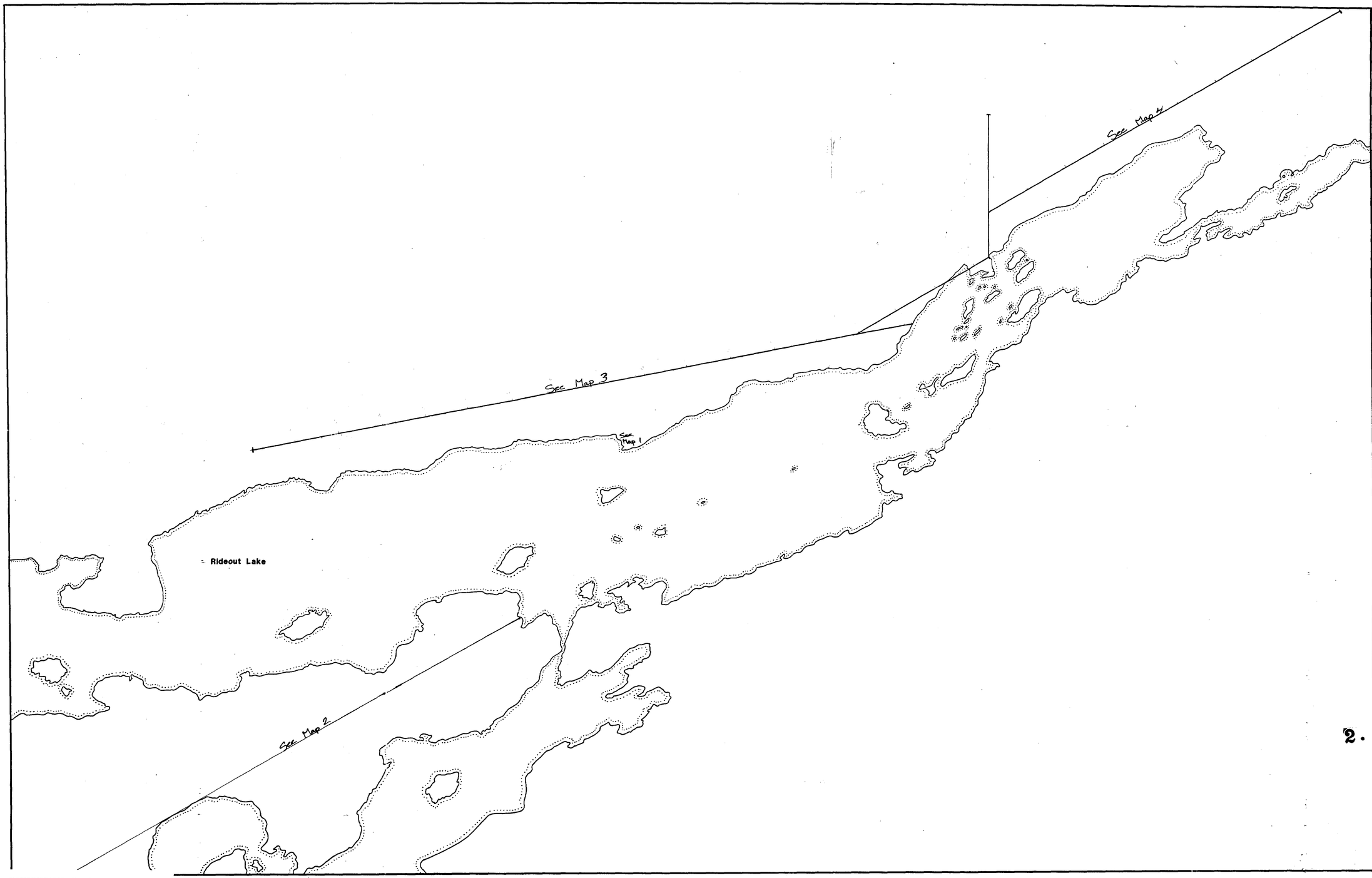
GREENLAW TWP. CUNNINGHAM TWP.

1000 2000 METRES

PROFESSIONAL ENGINEER PROVINCE OF ONTARIO L. D. S. WINTER

41010NE0006 2.14652 CUNNINGHAM

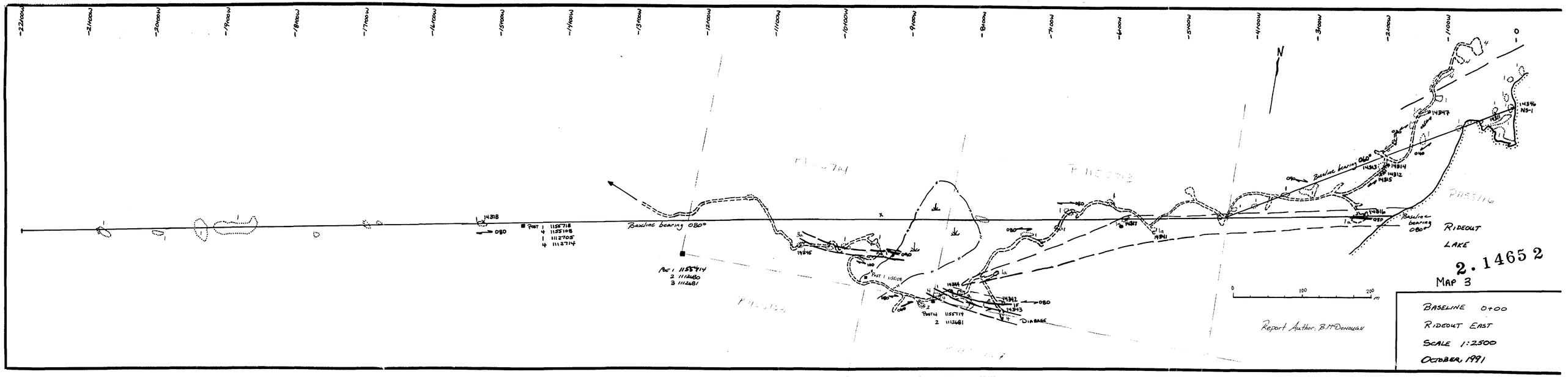
200

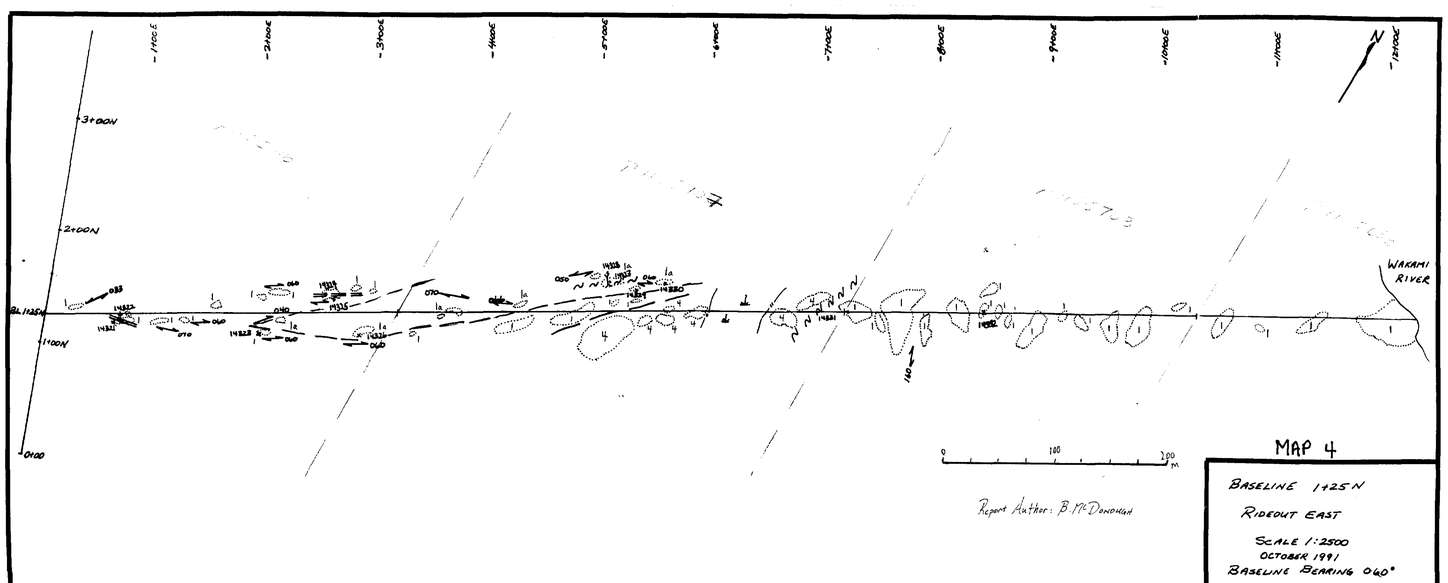


2.14652

RIDEOUT LAKE
GREENLAW TWP.

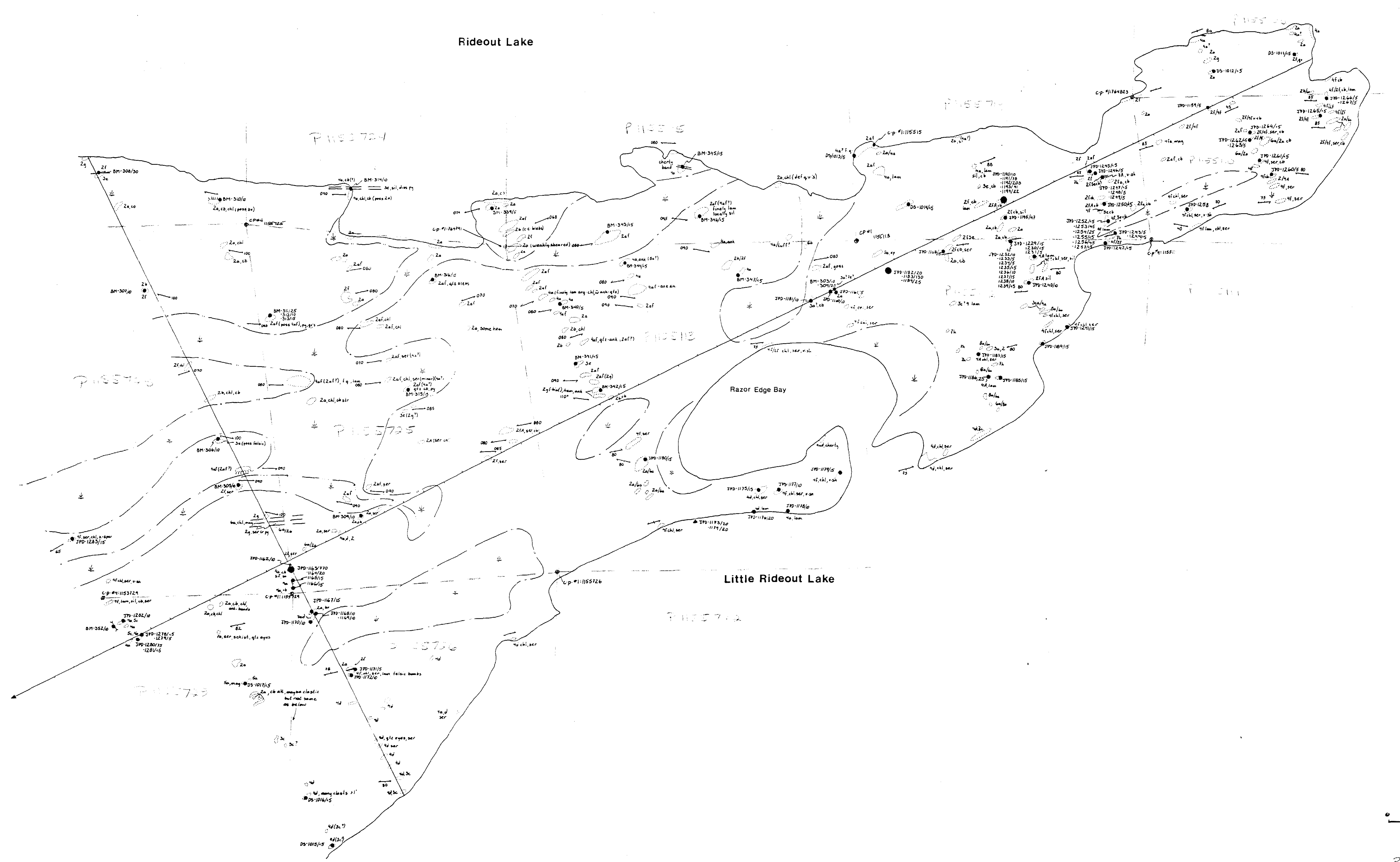
PREPARED BY:	SCALE:	DATE:
B. McDONOUGH	1:4000	OCT 1991





LEGEND

1. Intermediate to Mafic Volcanics
   1a. Carbonate Altered
2. Felsic to Intermediate Volcanics
3. Felsic Intrusive
   3a. Quartz Feldspar Porphyry
4. Mafic to Ultramafic Intrusive



LITHOLOGICAL LEGEND

LATE PRECAMBRIAN

8. MAFIC INTRUSIVE ROCKS
- 8 Unsubdivided
- 8a Diabase
- 8b Lamprophyre
- 8c Mafic dikes

EARLY PRECAMBRIAN

7. FELSIC INTRUSIVE ROCKS
- 7 Unsubdivided
- 7a Granite-quartz monzonite
- 7b Monzonite-granodiorite
- 7c Trondhjemite
- 7d Syenite-quartz syenite
- 7e Felsite
- 7f Feldspar porphyry
- 7g Quartz porphyry
- 7h Quartz-feldspar-porphyry

6. MAFIC TO ULTRAMAFIC ROCKS
- 6 Unsubdivided
- 6a Gabbro-diorite-quartz-diorite
- 6b Pyroxenite
- 6c Peridotite-serpentinite
- 6d Mafic dike
- 6f Feldspar porphyry-porphyritic gabbro
- 6g Quartz porphyry (mafic groundmass)
- 6h Quartz-feldspar porphyry

5. CHEMICAL METASEDIMENTS
- 5 Unsubdivided
- 5a Oxide facies I.F., ironstone
- 5b Carbonate facies I.F., ironstone
- 5c Sulphide facies I.F., ironstone
- 5d Chert - subordinate oxide, carb-sulph-silts
- 5e Argillite-chert-graphite

4. CLASTIC METASEDIMENTS
- 4 Unsubdivided
- 4a Siltstone-share-argillite
- 4b Sandstone-wackes
- 4c Arkose
- 4d Conglomerate
- 4f Chlorite ± sericite schist

3. FELSIC TO INTERMEDIATE METAVOLCANICS
- 3 Unsubdivided
- 3a Massive flows
- 3b Porphyritic flows; (f - felds; q - quartz)
- 3c Tuff - lapilli tuff
- 3d Breccia; m - monolithic; h - heterolithic
- 3e Sericite schist
- 3f Sericite-chlorite ± biotite schist

2. MAFIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Massive flows; fine to medium grained
- 2b Massive flows; medium to coarse grained (possibly unit 6b)
- 2c Pillowed flows, pillow breccias
- 2d Amygdaloidal flows
- 2e Porphyritic flows; f - feld; h - hornblende
- 2f Chlorite schist
- 2g Chlorite-sericite ± biotite schist

1. EARLY FELSIC PLUTONIC ROCKS
- 1 Unsubdivided
- 1a Aplite & pegmatite
- 1b Diorite, quartz diorite
- 1c Trondhjemite

A. ALTERATION UNITS
- ser - sericitic
- bio - biotite
- ch - chlorite
- ct - chloritoid
- cb - carbonate (dolomite, ankerite)
- cal - calcite
- sil - silicification

2.14652

0 100 200 300 400 500 600 Ft
1:2500

Report Author: B. McDonald

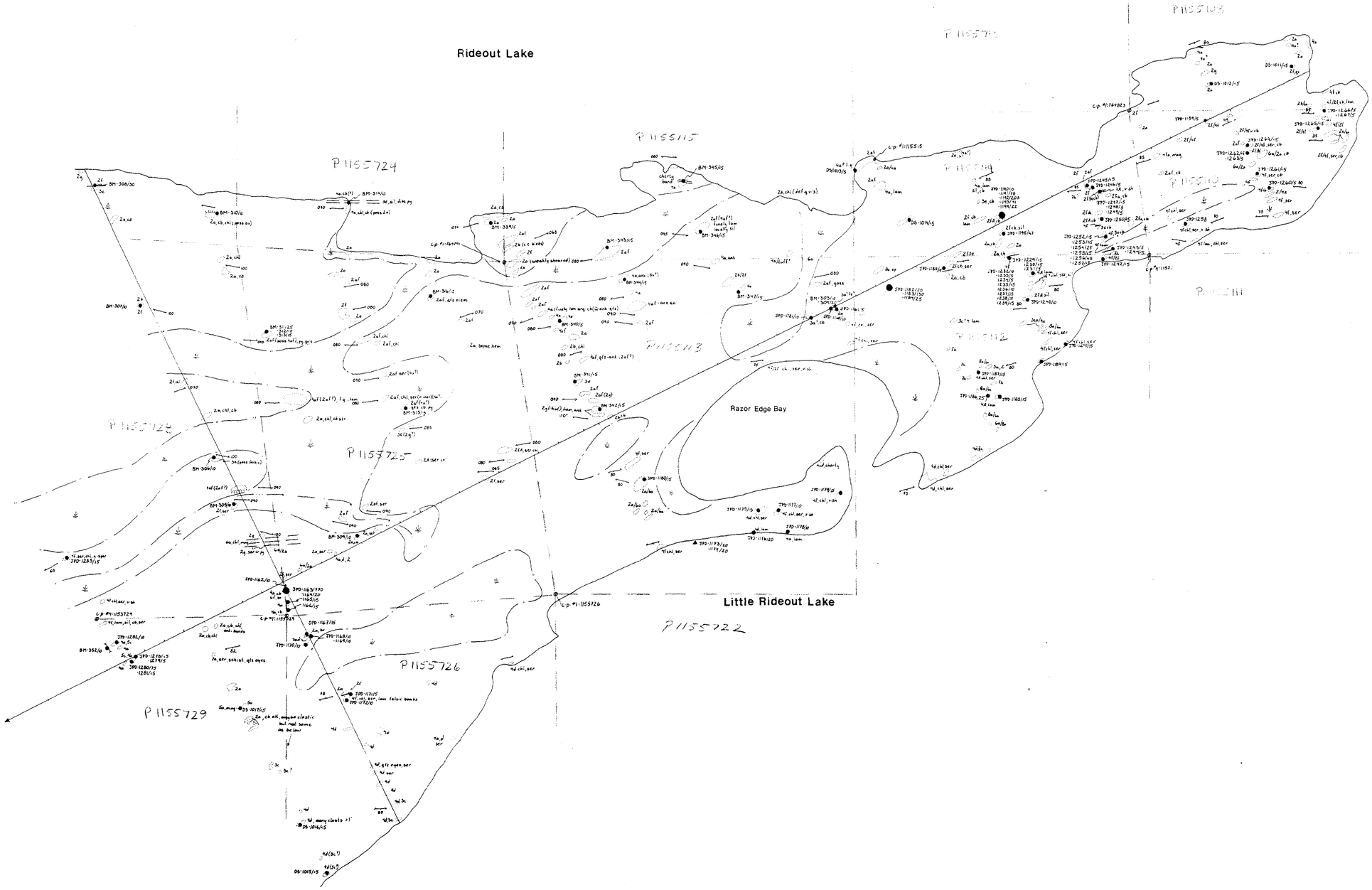
GEOLOGICAL SURVEY

RIDEOUT LAKE GRID
GREENLAW TWP.

Geology & Sample Locations

PREPARED BY: JPD	SCALE: 1: 2500	DATE:

230



LITHOLOGICAL LEGEND

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- 7f Feldspar porphyry
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- 6 Unsubdivided
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- 5c Sulphide facies I.F., ironstone
- 5d Chert - subordinate oxide, carb-sulph-silts
- 5e Argillite-chert-graphite

4. CLASTIC METASEDIMENTS
- 4 Unsubdivided
- 4a Siltstone-shale-argillite
- 4b Sandstone-wackes
- 4c Arkose
- 4d Conglomerate
- 4f Chlorite ± sericite schist

3. FELSIC TO INTERMEDIATE METAVOLCANICS
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- 3a Massive flows
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- 2g Chlorite-sericite ± biotite schist

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- bio - biotite
- ch - chlorite
- ct - chloritoid
- cb - carbonate (dolomite, ankerite)
- cal - calcite
- sil - silicification

0 500 PL
Scale 1:2500

Report Author: B. McDonough

2.14652

GEOLOGICAL SURVEY

RIDEOUT LAKE GRID

GREENLAW TWP.

Geology & Sample Locations

MAP 2

PREPARED BY: TPD	SCALE: 1: 2500	DATE: