ONTARIO PROSPECTORS ASSISTANCE PROGRAM

1992 FINAL SUBMISSION

HAGEY TOWNSHIP PROJECT - PISTOL LAKE PROPERTY

Barbara D'Silva OP92-273

Douglas Parker OP92-274

December 12, 1992

TABLE OF CONTENTS

LIST OF FIGURES

MAPS IN BACK POUCH (1:5000 SCALE)

INTRODUCTION

The Pistol Lake property is located in Hagey Township 90 kms west of Thunder Bay.

Previous work indicated the presence of large gold bearing structures and observations suggested the area to be favourable for base metal mineralization.

From May to October, 1992 a field program of geological mapping and geochemical prospecting was carried out on the Pistol Lake property.

The program was designed to identify mineralization and alteration exposed on surface and to develop a primary structural and stratigraphic understanding of the area.

CONCLUSIONS

The current program successfully defined a primary stratigraphic sequence on the property. Volcanogenic massive sulphide mineralization and alteration was identified in three distinct horizons. Two new significant gold occurrences were discovered. Ultra mafic rocks containing Ni, Cu, Cr and Co were identified at a number of locations.

Stratigraphic relationships suggest that the area evolved at a major volcanic site.

Mafic to felsic phases define a composite volcanic pile with a centre at Pistol Lake and sub volcanic intrusives exposed to the south.

Three pyroclastic horizons containing copper and zinc mineralization and intense sodium depletion represent multi phase stacking of stratigraphy favourable for massive sulphide deposits.

Gold mineralization has been identified in stockwork and sulphides associated with the eastern contact of the main porphyry. Values up to 2.02 o.p.t. Au occur along a trend

300 metres further east of the Frank West occurrence than was previously recognized. Gold was also identified in altered volcanic rocks and chert northwest of Pistol Lake.

The gold mineralization occurs in a broad zone two kilometres east-west by one kilometre north-south. This zone is extensively intruded by quartz feldspar porphyries and displays distinct alteration trends. The area is chemically anomalous with elevated values of Au, Cu, and Na. The area is also minerallogically distinct with abundant sericite, ankerite, hematite, albite and quartz flooding. Shearing and fracturing are common sites of gold mineralization and is most intensely developed within porphyries and along their contacts. Multi element analysis of gold bearing samples failed to indicate any definite relationships between the gold and other elements. However, slightly elevated copper values and sporadic silver values show a weak relationship with gold.

Ultra mafic rocks containing anomalous Ni, Cu, Cr and Co have been identified along the north shore of Mathe Lake and at the north contact of the main porphyry. The ultra mafic rocks are associated with magnetic anomalies which extensively underlay Mathe and Pistol Lakes and the north contact of the main porphyry. The Pistol Lake property is located on the north side of the Shebandowan Lake stock. Four miles south of the property, on the south side of the Shebandowan Lake stock, is a similar magnetic anomaly caused by ultra mafic rocks which host Inco's Shebandowan Ni-Cu mine. Over 10 million tons of high grade ore has been produced from this deposit. The ultra mafics on the Pistol Lake property may be a similar, related or faulted segment of mine stratigraphy which is separated only by the intrusive stock.

The potential of economic mineral deposits being discovered on the Pistol Lake property is excellent.

RECOMMENDATIONS

The Pistol Lake property has a variety of exploration targets at differing stages of development. Grass roots exploration is continuing to produce important information.

As well, a drilling program could be initiated immediately on the Frank West zone or used in conjunction with electromagnetic surveys in order to evaluate the favourable base metal horizons.

As a preliminary to any field work, a thorough compilation of geological, geophysical and geochemical data should be completed. Utilizing the new survey information, plans and sections should be produced for drill holes in the Frank West zone.

Grass roots exploration, prospecting, stripping and sampling should focus on expanding the known gold occurrences, discovering new gold occurrences, identifying exhalative and sulphide horizons associated with base metal mineralization and delineate ultra mafic rocks and associated mineralization.

Advanced exploration programs would involve establishing a cut grid over all or parts of the claim group. The existing grid should be utilized wherever possible.

Detailed geological mapping of the main porphyry area with emphasis on structure and alteration should be undertaken. Deep drilling to 300 metres is justified on the Frank West occurrence.

Detailed geological mapping and geochemical sampling should be initiated throughout the horizons favourable for base metal mineralization.

Horizontal loop electromagnetic surveys along these horizons would identify deep conductors.

LOCATION

The property is located in Hagey Township, 90 km west of Thunder Bay, 10 km west of the Town of Shebandowan in the Thunder Bay Mining Division (Figure 1).

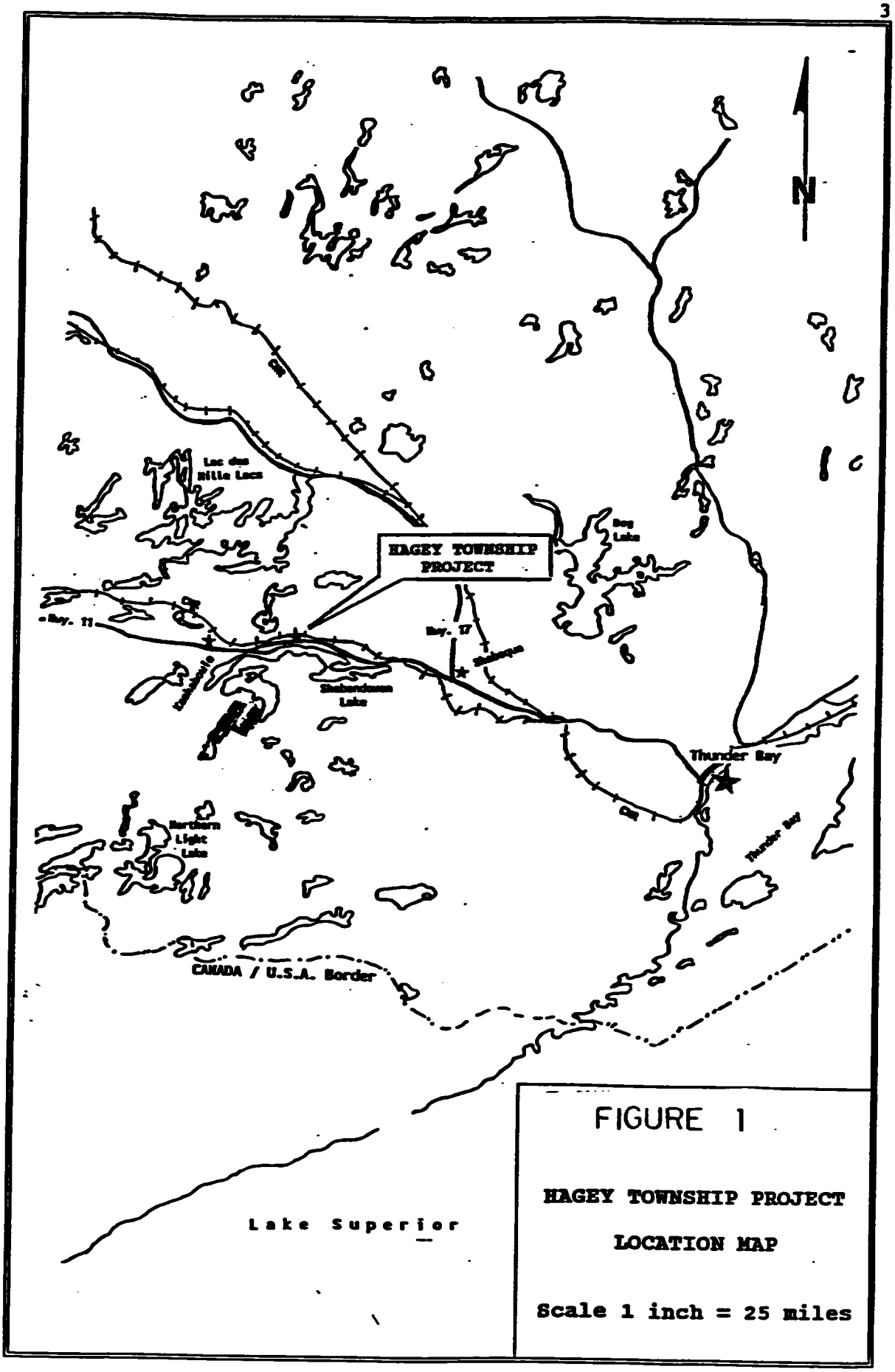


FIGURE 1

HAGEY TOWNSHIP PROJECT

LOCATION MAP

Scale 1 inch = 25 miles

Claim Map Sheet G661 - Hagey Township

NTS: 52 B 9 NW

Lat & Long: 48°49'; 90°13'

ACCESS

Access is best achieved via Highway 11 which transects the property. A series of cottage and forestry roads cross the claim group. Shebandowan Lake borders the property to the south. The Canadian National Railway passes within one kilometre of the northern boundary of the claims.

PROPERTY

The property consists of 11 patented claims registered in the District of Thunder Bay as follows:

Patented Claims: TB36719, TB36778, TB36784, TB36785, TB36786, TB36787, TB36789, TB36790, TB36791, TB36793, TB36794.

Acquisition of an additional 26 unpatented mining units creates a total land acreage of approximately 1500 acres:

Unpatented Claims: 1183587, 1183588, 1183589, 1188250, 1188251, 1188252, 1188253.

PREVIOUS WORK

1938: T.L. Tanton
Geology of Shebandowan area, Ontario, Geol. Surv. Canada Map 338A, scale 1 inch to 1 mile.

1947-1952: Frank West completed reconnaissance mapping, prospecting and a spontaneous potential survey over the original patented claims. Stripping and trenching was performed over the Main Porphyry body which hosts the Frank West gold show-

ing. Diamond drilling consisted of 30 holes which concentrated on the West Showing and several S.P. anomalies.

1973: J.A. Morin
Geology of the Lower Shebandowan Lake Area, Thunder Bay District, Ontario, Ontario Division of Mines, Geological Report 110.

1980-1983: Greenwich Lake Exploration Limited acquired the Frank West patents and staked additional ground in the area. A cut grid was established and magnetic, VLF-EM, and induced polarization surveys were conducted. Limited trenching and stripping was performed. A diamond drilling program consisting of 11 holes, concentrated on an area immediately east of the Frank West showing.

1985: Lincoln Resources Incorporated conducted detailed geological mapping and humus geochemical surveys over the grid.

1987-1988: Minerais Chabela Inc. acquires the Hagey Property.
A compilation of previous work was completed and was immediately followed by a mapping and sampling survey of the known gold showings. In the spring of 1988, a diamond drill program consisting of 22 holes (9,355 feet) was undertaken.

During the summer of 1988, a prospecting survey including rock sampling and soil geochemistry (humus) survey was completed. Twelve samples were sent for whole rock analysis, 84 samples were taken for gold analysis, and 174 humus samples were analyzed for 20 different elements.

1990: A drilling program consisting of 11 holes totalling 5,000 feet was undertaken in the spring of 1990. The first seven holes were designed to test the deformation zone which underlays the main porphyry and produced many highly anomalous gold intersections in the 1988 drilling program. The remaining four holes were

designed to test geophysical and geochemical targets away from the main gold occurrences.

1991: OPAP program completed by D. Christianson and E. Christianson included trenching and sampling of five trenches located east of the Frank West Showing, as well as a prospecting and geological mapping program over the area.

CURRENT PROGRAM

A 30 day program of prospecting and geological mapping was completed. Two hundred and twenty-three field samples were assayed by multielement analysis. Most prospecting was completed in areas of cutover that allowed for best exposure and access.

A survey of diamond drill holes was completed over an additional 11 day period. Four days were spent in site preparation and hole location. Seven days were spent assisting the contractor to complete the survey. The survey was done using a transit. A total of 30 diamond drill holes were surveyed.

An additional day was spent sampling drill core from previous drill programs. Nine samples of core from 1988 drilling of the Frank West Showing - Main Porphyry were assayed by multielement analysis. Seventeen samples of core from 1950's drilling by Frank West that intersected significant sulphide mineralization were analyzed by whole rock methods.

A total of 249 samples from the property were sent for geochemical analysis.

REGIONAL GEOLOGY

The area is underlain by Archean supracrustal rocks (Shebandowan Belt Greenstone) which have been intruded by numerous mafic to felsic sills, dykes and stocks. The supracrustal rocks are bounded to the north and south by large granitic bodies.

The supracrustal rocks are comprised of mafic volcanic flow units intercalated with minor intermediate to felsic volcanoclastic rocks. Units of clastic and chemical sediments and ultra mafic rocks occur within the volcanics.

The rocks are typically moderately foliated. Rock units strike east-west and dip subvertically to moderately northward subparallel to foliation. Metamorphic grade of the archean rocks varies from middle green schist to lower amphibolite facies.

PROPERTY GEOLOGY

General

The Pistol Lake Property is underlain by archean supracrustal rocks of the Shebandowan Greenstone belt. Mafic volcanic flow units intercalated with intermediate and felsic pyroclastic horizons and ultra mafic rocks dominate the stratigraphy. Synvolcanic gabbroic and felsic porphyries intrude the volcanic units. Later stage mafic and felsic dykes cross cut the younger rocks. All rock units have been subjected to regional progressive green schist facies metamorphism.

Structure

Primary compositional layering, bedding, predominantly strikes east-west with steep northerly dips. The rocks are weakly to moderately foliated subparallel to compositional layering. Discrete zones of more intense foliation are commonly associated with shearing. Two main trends of shearing have been observed. Southwest trends with steep to moderate northwest dips commonly display sinistral sense and are accompanied by kink banding and small scale flexures. East-west trends with steep to moderate northerly dips are often accompanied by faulting and brittle failure.

Folding is rarely observed on an outcrop scale. Most folds are only a few metres across and are broad open flexures with fold axis subparallel to foliation and typically gently plunging east and west.

Stratigraphy

The continuity of mappable formations and the lack of observed folding suggests that the supracrustal sequence is homoclinal in nature. Work by Morin and others indicates a predominance of north younging directions These assumptions would infer that the sequence is upright and the youngest stratigraphy occurs in the north of the property (see Map 92-2).

A series of intermediate to felsic pyroclastic rocks up to 800 metres in apparent thickness occurs in the extreme south of the property. These grade from fine grained ash and crystal tuffs to coarse breccias. Mafic to intermediate flows and pillowed flows occur locally. Narrow discontinuous banded chert magnetite iron formation and sulphide rich horizons are present in the formation.

Mafic volcanic flows intercalated with reworked intermediate tuffs form a recognizable horizon averaging 400 metres in apparent thickness that parallels and underlays much of the highway along the property. Narrow jasparitic iron formations characterize this horizon. Numerous crosscutting mafic dykes and medium grained sills are interpreted as feeders to the overlaying mafic volcanic flow units. The intermediate tuffaceous units are commonly sorted with fine to coarse grained members. Bedding throughout this horizon is extensively disrupted and moderately foliated.

Mafic volcanic flow units consisting of fine to medium grained flows with extensive hyaloclastite beds and minor pillowed components underlay much of Mathe and Pistol Lakes. Minor banded iron formation and sulphide rich horizons are common. The flow units attain a thickness of 500 metres at Pistol Lake and feather out to 150 metres towards

the east and west. This pile thickening may represent a volcanic centre in the Pistol Lake area.

East of Pistol Lake felsic porphyry units intrude the mafic volcanics. The por-phyries form sills and dykes up to 50 metres in thickness, as well as the main porphyry stock which attains apparent widths exceeding 200 metres and dips uncomformably at 30 to 60 degrees northward. The porphyry units are quartz and feldspar-pheric and common-ly display a variety of textures and compositional changes. The porphyries are inter-preted by Morin as subvolcanic phases which may occupy the roots of a caldera and may be associated with intermediate and felsic pyroclastic rocks overlaying this package.

Distinct narrow phases of porphyry containing hornblende phenocrysts have been interpreted as being of "Timiskaming" age by Chorlton who suggests they may be feeders to the younger volcanic rocks exposed east and south of Shebandowan Lake.

Fine grained peridotite units have been observed along the shore of Mathe Lake and near the east end of the main porphyry. The intrusive or extrusive nature of these ultra mafics has not been determined, however, magnetics suggest that similar units may extensively underlay Mathe and Pistol Lakes and may crosscut stratigraphy.

A mixed package of intermediate to felsic pyroclastic rocks overlays the mafic flow units. The package averages 200 metres in thickness. It is extensive east and west of Pistol Lake, but magnetics suggest it is absent under Pistol Lake. The pyroclastics vary from fine grained tuffs to coarse breccias. Mafic volcanic flows, rhyolite flows, chert and sulphide horizons are common throughout the package. Quartz feldspar porphyries occur rarely. Ultra mafic units have been observed in this horizon north of Mathe Lake and have been field mapped as peridotite, hornblendite and fuchite-bearing altered volcanic.

A broad package of mafic volcanic rocks attains a thickness of 600 metres north of Pistol Lake and feathers to 300 metres east and west. The package is extensively pillowed with

local amygduloidal phases and very minor intermediate felsic and chert horizons. This package is well exposed along the forestry access road.

North of this road intermediate pyroclastic rocks with lesser felsic and mafic volcanics form a package 300 metres in apparent thickness. Pyroclastic units vary from fine grained tuffs to breccias.

Mafic volcanic rocks of unknown thickness occupy the northern boundary of the property.

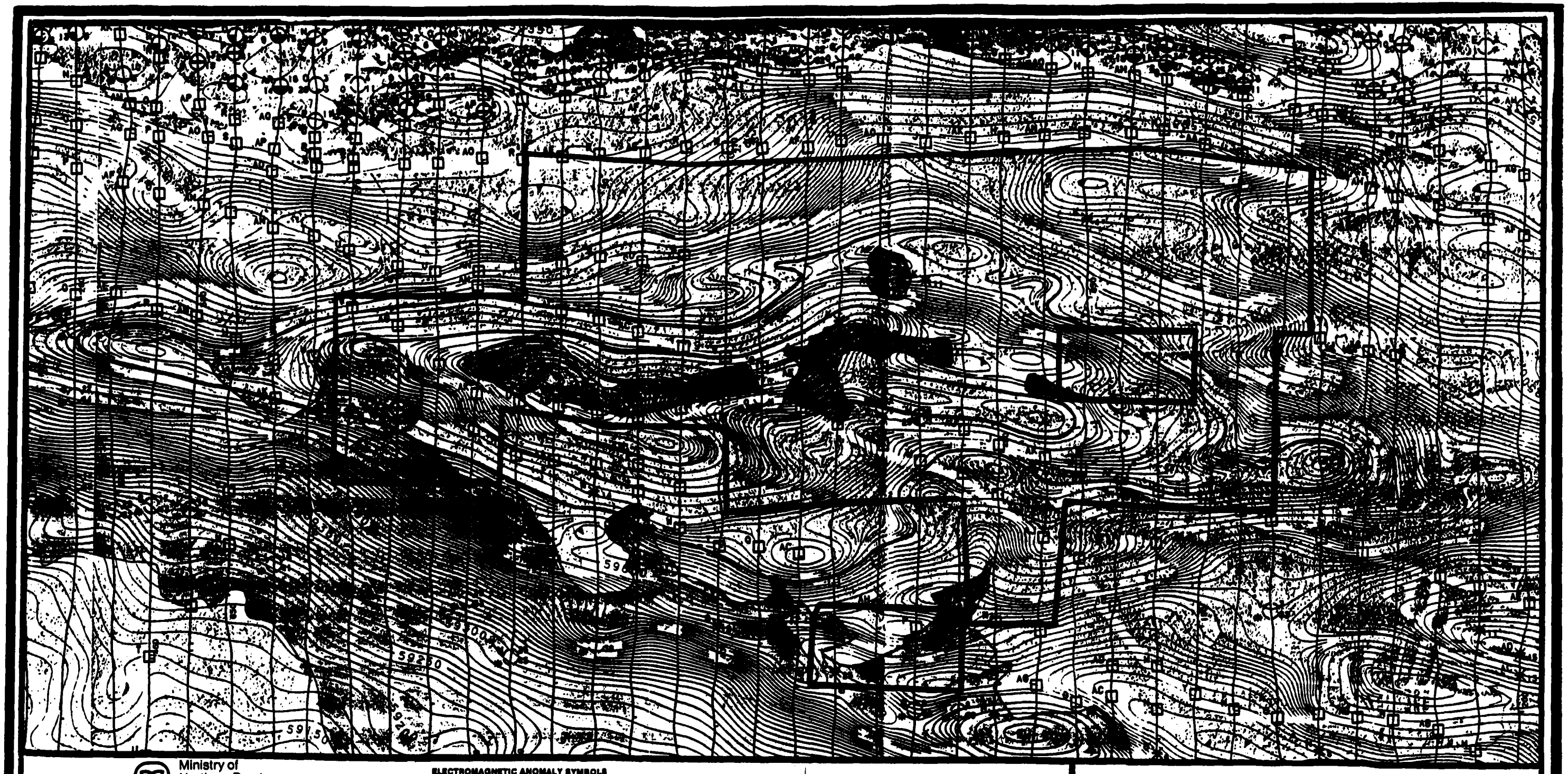
Late stage diabase and lamprophyre dykes crosscut all stratigraphy. The Shebandowan Lake quartz diorite stock intrudes the volcanics in the extreme south, but is not exposed on the property.

Alteration

The rocks of the Pistol Lake property display mineral assemblages consistent with middle to upper green schist facies progressive regional metamorphism. Morin, Chorlton and others suggest that the Mathe-Pistol Lake area has undergone intense alteration which manifests itself in particular chemical and mineral trends.

The current study has identified four main geochemical trends of alteration: an increase in iron and calcium within all rock types and characterized by hematite, magnetite, ankerite, actinolite and calcite as secondary minerals; an increase in sodium south of Pistol Lake where albite forms as veins and secondary minerals within porphyry units and surrounding rocks; a depletion of sodium encompassing a broad area around Mathe and Pistol Lakes but in particular within a mixed package of intermediate pyroclastic rocks both east and west of Pistol Lake.

Extensive iron oxide and epidote alteration occurs over much of the property and is best delineated by its high magnetic signature (Figure 2). Iron oxide in the form of hematite



Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division
ONTARIO GEOLOGICAL SURVEY
GEOPHYSICAL/GEOCHEMICAL SERIES
MAP 31560

SHEBANDOWAN AREA

Total Intensity Magnetic Survey
Airborne Electromagnetic Survey

ELECTROMAGNETIC ANOMALY SYMBOLS

Anomaly	Conductance Classification
●	> 32 siemens
◉	16 - 32 siemens
◉	8 - 16 siemens
◉	4 - 8 siemens
◎	2 - 4 siemens
○	1 - 2 siemens
◌	< 1 siemen
*	very weak conductor (quadrature anomaly only)
□	Cultural Response

(1 siemen in SI units = 1 mho)

ANOMALY LETTER B | 9 IN-PHASE RESPONSE (ppm)
APPARENT DEPTH (m) 35 | 7 QUADRATURE RESPONSE (ppm)

High frequency anomalies are distinguished from low frequency anomalies by plotting an asterisk (*) in the apparent depth quadrant of the anomaly symbol.

MAGNETIC CONTOURS

500 nT Contour
50 nT Contour
10 nT Contour
Magnetic depression
1 Gamma = 1 nanoTesla in SI units

Mean magnetometer sensor altitude ..... 45 metres
Mean electromagnetic sensor altitude ..... 30 metres
Mean flight line spacing ..... 200 metres
Flight lines ..... 12630 ← Base

N

PISTOL LAKE PROPERTY
AIRBORNE MAGNETICS & EM SURVEY
FIGURE 2

Scale: 1:20 000

Metres 500 0 1 Kilometre
Mile 1/4 0 1/2 Mile

and magnetite occurs with epidote in veins and fractures as well as disseminations within rock units and is particularly intense within the mafic volcanics which underlay Mathe and Pistol Lakes.

The main porphyry area south of Pistol Lake displays intense alteration including ankerite, sericite, albite and hematite as secondary minerals. The main porphyry and a breccia-schist zone that underlays its south contact exhibits the most intense alteration thus documented.

Actinolite forms as coarse grained radiating aggregates in all rock types sporadically across the property. It is most commonly found as inter-pillow material or as veining. The most impressive occurrence of actinolite was observed along the hydro line north of Mathe Lake at Sample BD-046 where actinolite forms the matrix of a coarse volcanic breccia.

Gold Mineralization

Gold bearing quartz veins in the main porphyry were discovered by Frank West in the 1940's. Shallow drilling by West, Chabela, and Greenwich Lake Exploration indicate that the main porphyry and the surrounding volcanic rocks host significant gold mineralization over substantial widths and for more than 800 metres of strike. The current program identified two new significant gold occurrences, as well as identifying mineralized outcrops of the Frank West occurrence and a zone intersected in 1988 drilling immediately south of Pistol Lake (Map 92-3).

Sampling around the eastern contact of main porphyry returned gold values of 2.02, 0.29, 0.08, 0.05, 0.05, 0.03 and 0.03 o.p.t. The gold is hosted in quartz stockwork, veining, sulphide mineralized porphyry and sulphide mineralized volcanic rocks. This mineralization represents a 300 metre eastward extension of the Frank West zone that had not previously been identified.

Sampling 100 metres northwest of Pistol Lake returned gold values of 0.14, 0.08, 0.02, and 0.02 o.p.t. The gold is hosted in sulphide bearing chert and amphibole altered intermediate volcanic rocks and represents a new occurrence.

Sampling 50 metres south of Pistol Lake returned gold values of 0.10, 0.02, and 0.01 o.p.t. The gold is hosted in quartz veins and stringers within quartz feldspar porphyry.

Sampling along Highway 11 at the south contact of the main porphyry returned gold values of 0.60, 0.02 ad 0.02 o.p.t. The gold is associated with sulphide mineralization and quartz veining in quartz feldspar porphyry and altered volcanics typical of the Frank West occurrence.

A sample of quartz vein from the southeast corner of the property returned 0.01 o.p.t. gold.

Nine selected samples of drill core from 1988 drill holes in the Frank West zone were analyzed to determine if other elements were associated with the gold mineralization. Elevated but low copper values (100-250 ppm) occur in three samples and elevated silver values (18 and 7 ppm) were the only anomalous associations with the gold.

Of the 18 significant gold assays returned in surface sampling, seven contained elevated copper (100-750 ppm) and one contained 23 ppm silver. Barium, molybdenum, arsenic and zinc showed a weak relationship to gold in one or two samples. Previous microscope work by Frank West indicates a telluride association with gold in quartz veins of the Frank West occurrence.

Base Metal Mineralization

Three main trends of base metal mineralization have been recognized on the property; Cu associated with porphyry intrusions; Cu-Zn associated with volcanic and pyroclastic horizons; and Cu-Ni-Cr associated with ultra mafic rocks. Geochemically anomalous

samples containing Cu, Zn, Ni and Cr are plotted on Maps 92-4, 92-5, and 92-6. A compilation of data can be found on Map 92-7.

A trend of high copper extends from the southeast corner of the property across the northern contact of the main porphyry to the northwest shore of Pistol Lake. The eastern contact of the main porphyry displays similar copper values. The copper occurs as chalcopyrite and malachite in quartz veins and along fractures and is most commonly associated with porphyry intrusions. Values range from 250 ppm to over 10% Cu.

Anomalous copper and zinc mineralization has been identified in four areas of the property.

In the northeastern corner of the property anomalous Cu-Zn occurs in a mixed unit of intermediate pyroclastic rocks. The trend appears to conform to stratigraphy and has been sampled over 2500 metres along strike.

Anomalous copper and zinc occur northeast of Pistol Lake in an altered mafic volcanic package that exhibits depleted sodium values and contains chert horizons.

Copper and zinc mineralization occurs within a mixed package of intermediate pyroclastic rocks that strikes east and west of Pistol Lake. Anomalous zinc values (>100 ppm) and depleted sodium values occur throughout the four kilometres of strike length across the property.

Copper and zinc mineralization was intersected in 1950's drilling in the northern part of Claim 36778. Drilling indicates heavy to massive sulphide mineralization over 21.5 feet in Hole 2-2 and over 12 feet in Hole 2-3. The sulphides occur in chert and intermediate volcanics which exhibit chlorite, amphibole and epidote alteration. Seventeen samples of drill core from these holes were analyzed by whole rock methods. Copper, zinc and sodium are plotted on Figures 3 and 4. A strong sodium depletion ($<1\%$) accompanies

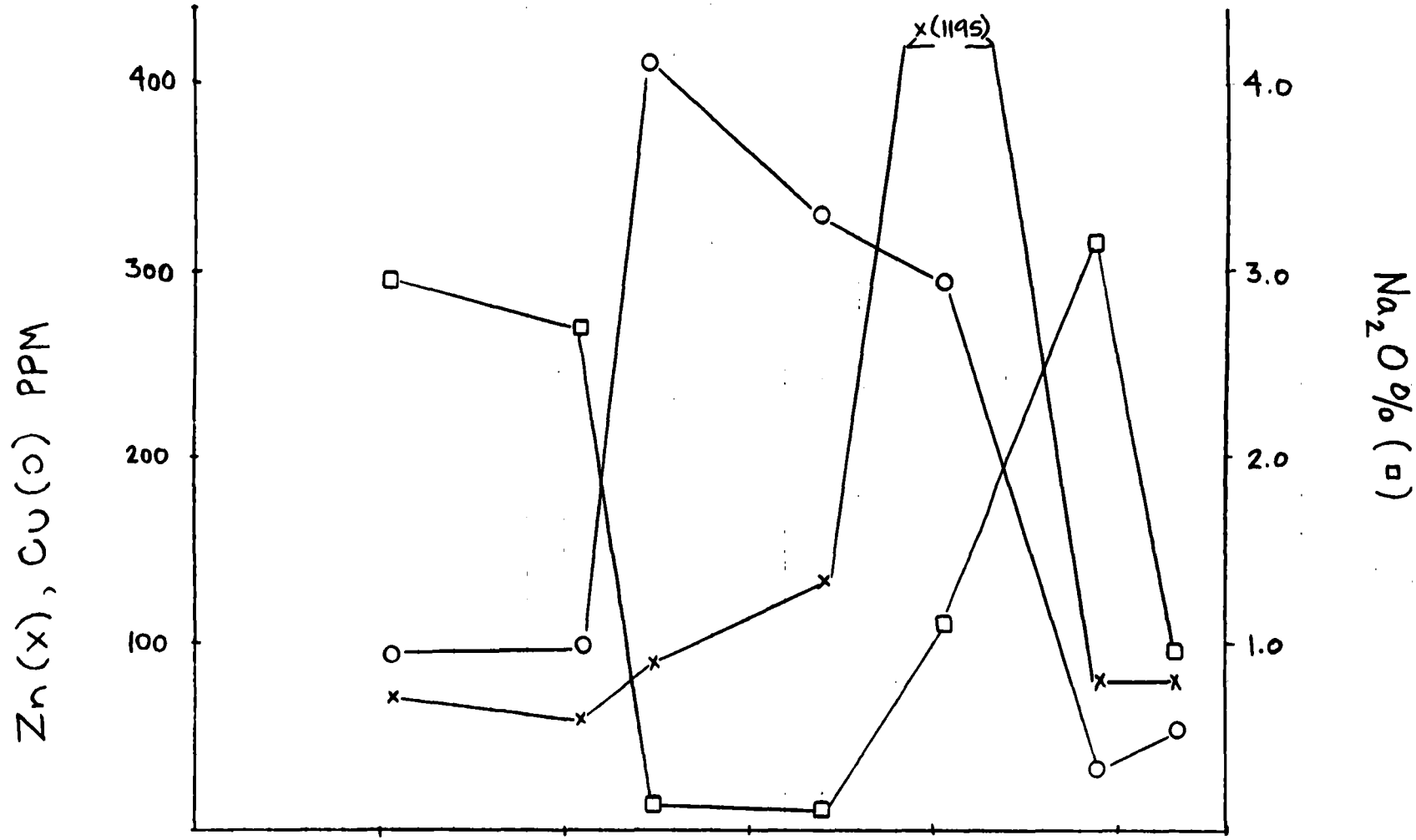

x(1195)
400
300
200
100
4.0
3.0
2.0
1.0
Zn (x), Cu (o) PPM
Na2O % (□)
DDH 2-2 (FOOTAGE)
10
20
30
40
50
SAMPLE # DP
117
123
118
119
120
121
122
% SULPHIDE (EST.)
(0)
(1-2)
(30)
(25)
(10)
(0)
(1-2)

FIGURE 3

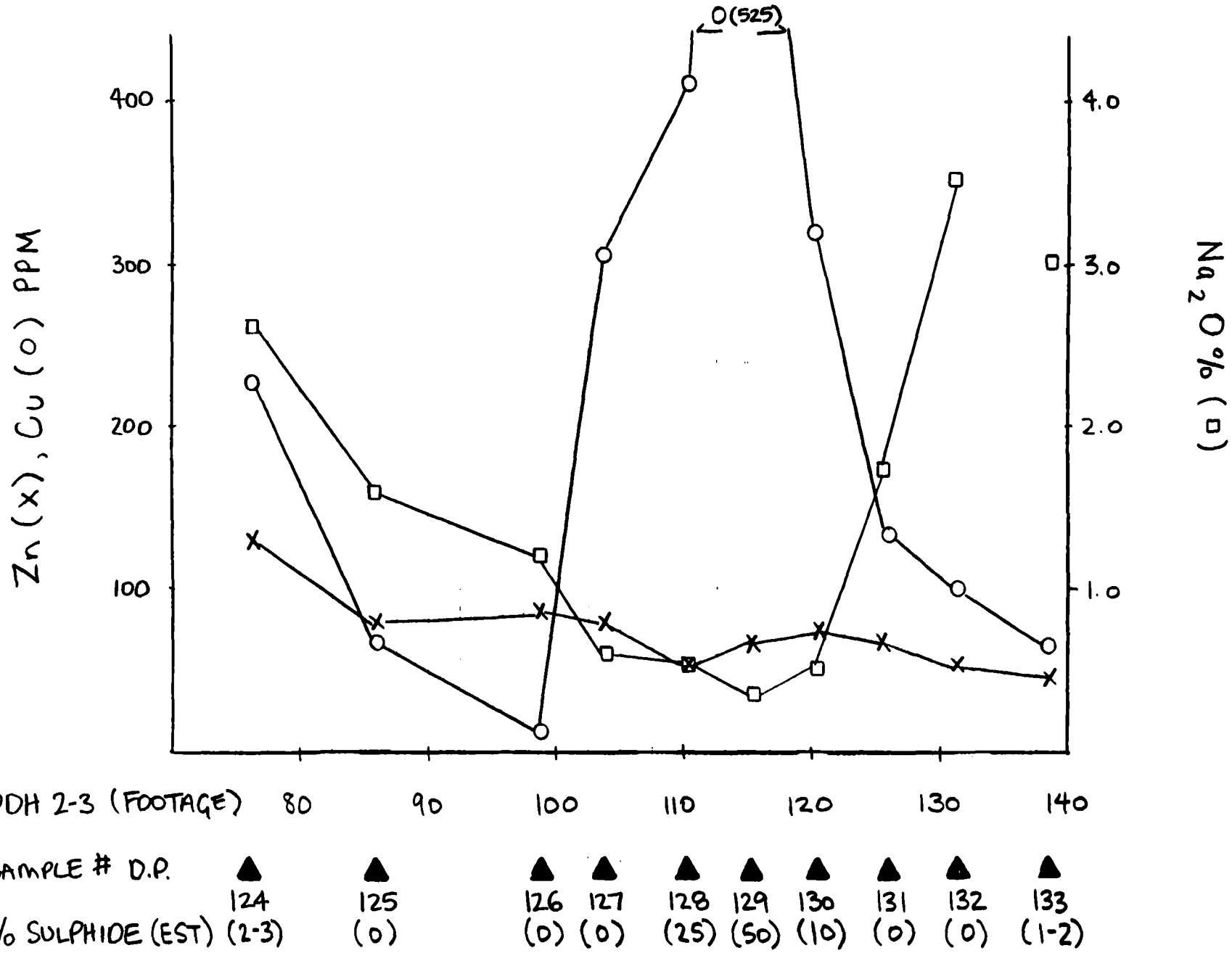

O(525)
400
300
200
100
4.0
3.0
2.0
1.0
Zn (x), Cu (o) PPM
Na2O % (□)
DDH 2-3 (FOOTAGE)
80
90
100
110
120
130
140
SAMPLE # D.P.
124
125
126
127
128
129
130
131
132
133
% SULPHIDE (EST)
(2-3)
(0)
(0)
(0)
(25)
(50)
(10)
(0)
(0)
(1-2)

FIGURE 4

the sulphide mineralization. Anomalous copper values occur throughout the sulphides and zinc shows a strong enrichment associated with chert in Hole 2-2.

Zinc mineralization is present in a chloritic felsic tuff horizon 600 metres northeast of Holes 2-2 and 2-3 on Claim 36789.

Anomalous nickel and chromium mineralization occurs with copper and occasionally cobalt in ultra mafic rocks northwest of Mathe Lake and at the north contact of the main porphyry (Map 92-6). The Ni Cr values are typically low and probably indicate silicate and oxide associations. Ultra mafic rocks along the northeast shore of Mathe Lake contain copper, but anomalous nickel and chromium are absent. It is postulated that this may represent nickel being stripped from the silicates which Naldratt suggests is indicative of sulphide association in the system.

BIBLIOGRAPHY

Boniwell, J.B. (1983)
Geophysics on 14 claims, MIddle Shebandowan Lake Area, Hagey Township, District of Thunder Bay, Ontario, Report for GLE Resources Ltd.

Chorlton, L., (1987)
Geological Setting of Gold Mineralization in the Western Part of Shebandowan Greenstone Belt, District of Thunder Bay, Northwestern Ontario. Ontario Geological Survey Open File Report 5636.

Clark, J.G., (1989)
Report on the Prospecting, Rock Geochemistry and Soil Geochemistry Program, 1988 for Minerais Chabela Inc., Hagey Township Project, Frank West and Cal Chris Properties, District of Thunder Bay, Ontario, In House Report for Ovalbay Geological Services Inc.

Morin, J.A., (1973)
Geology of the Lower Shebandowan Lake Area, District of Thunder Bay, Ontario. Ontario Division of Mines, GR110.

Parker, D.P., (1988)
Report of Surface Work and Diamond Drilling Program, Fall 1987, Early Spring 1988 for Minerais Chabela Inc., Hagey Township Project, Frank West and Cal Chris Properties, District of Thunder Bay, Ontario, In House report for Ovalbay Geological Services Inc.

(1990)
Updated Report of Diamond Drilling Program, Spring 1990, for Minerais Chabela Inc., Hagey Township Project, Thunder Bay, Ontario. In House report for Ovalbay Geological Services. Inc.

Tanton, T.L., (1938)
Geology, Shebandowan Area, Ontario. G.S.C. Map 338A.

West, J.F., (1949)
Geological Report on West Claims, Middle Shebandowan Lake, Port Arthur Mining Division, Ontario. Unpub. Rpt.

(1952, 1953)
Geophysical Report on West Property, Shebandowan, Ontario. Unpub. Rpt.

APPENDIX 1

SAMPLE LOCATIONS AND DESCRIPTIONS

SAMPLE LOCATION AND DESCRIPTIONS

DP-001 (1188252 SE)

Felsic Crystal Tuff: Light green to brown muscovite-rich matrix with quartz crystals and cherty fragments (3-7 mm). Well foliated moderately soft matrix. No carbonate. Non magnetic. Minor brown oxide along foliation.

DP-002 (1188252 SE)

Felsic Tuff: Fine grained, grey green, weakly foliated, ground mass is siliceous with muscovite and minor fine grained quartz eyes. Moderately hard. No carbonate. Non magnetic.

DP-003 (1188253 NW)

Felsic to Intermediate Tuff: Fine grained, well foliated, grey-green, muscovite and chlorite matrix with 1 to 2 mm carbonate crystals. Soft. Carbonate rich. Non magnetic. 1 m chip.

DP-004 (1188253 NW)

Mafic Volcanic: Fine grained, dark green, weakly foliated. Chloritic. Carbonate along fractures. Moderately hard. Non magnetic.

DP-005 (36789 NE)

Intermediate Volcanic Breccia: 0.5-1.0 cm siliceous fragments in chlorite carbonate matrix. Non foliated. Minor pyrite and specular hematite. Abundant carbonate. Magnetic.

DP-006 (36789 NE)

Altered Mafic Volcanic: Fine grained, weak to moderate foliation. Epidote, chlorite, talc, specular hematite, pyrite. Grey-green streaked with pink. Abundant carbonate. Locally magnetic.

DP-007 (36789 SE)

Intermediate to Felsic Tuff: Fine grained, light green, siliceous. Weakly foliated. Minor fine grained pyrite. Highly carbonated. Non magnetic. Minor 1 to 3 mm quartz actinolite blebs.

DP-008 **(1183588 SE)**

Chert in Altered Mafic Volcanics: 2 to 12 cm chert beds, grey, fine grained with 5% fine to coarse grained pyrite. Hard. Abundant carbonate. Non magnetic.

DP-009 **(1183588 SE)**

Mafic Volcanic: Fine grained, dark green chloritic. 2-3% pyrite. Minor chalcopyrite. Weak carbonate. Moderate hard. Non magnetic. Host rock of DP-008.

DP-010 **(1183588 SE)**

Sulfide Rich Volcanic: 15 m East of DP-008 and DP-009. Highly gossened, deeply weathered. 20% pyrite in siliceous matrix with chlorite. No carbonate. Non magnetic.

DP-011 **(1183588 SE)**

Quartz Vein: Glassy to milky quartz with rusty carbonate laminates, 1-2% pyrite and chalcopyrite. Non magnetic. Poorly exposed. Vein < 1.0 m.

DP-012 **(1183588 SE)**

Altered Mafic Volcanic: Interpillow material. Chlorite and carbonate altered. 20% coarse grained pyrite. Non magnetic. Hard. Hosts DP-011 and DP-013.

DP-013 **(1183588 SE)**

Quartz Vein: Glassy vuggy quartz with abundant FE-carbonate. Trace pyrite. Same vein as DP-011.

DP-014 **(36793 SE)**

Altered Intermediate Volcanic or Dyke: Pink to grey, fine grained, massive. Siliceous carbonate rich matrix with 3 to 5% fine grained pyrite. Abundant carbonate. Hard. Locally weekly magnetic.

DP-015 **(36793 SE)**

Banded Chert Magnetite Iron Formation: 1 cm bands of chert with discontinuous magnetite layers up to 1 cm. 1-3% pyrite.

DP-016 **(36793 SE)**

Cherty Felsic Volcanic: grey-green, weakly foliated. Hard. 2-3% pyrite. No carbonate. Non magnetic.

DP-017 (36793 SE)

Chert in Chloritic Volcanic: dark grey chert with chloritic wall rock. 20% pyrite in bands. Non magnetic. Local carbonate.

DP-018 (36793 SE)

Altered Volcanic: Green with pink stringers. Chlorite, epidote, actinolite. Quartz blebs and stringers. Hematite. Rust. No carbonate. Hard. Non magnetic.

DP-019 (36793 SW)

Altered Volcanic: Pink. Well foliated, soft. Chlorite and hematite. Abundant carbonate. 1-2% pyrite. Magnetic.

DP-020 (36791 SE)

Quartz Feldspar Porphyry: Pale green, massive, fine grained. 3-5% pyrite. Minor quartz stringers. Carbonated. Non-magnetic.

DP-021 (36791 SE)

Quartz-Tourmaline Vein: Coarse grained quartz and tourmaline rods. Trace pyrite. Abundant carbonate. Non-magnetic.

DP-022 (36791 NE)

Felsic Flow: Grey, very fine grained. Siliceous. Massive. Minor carbonate on fractures. Non-magnetic.

DP-023 (36791 NE)

Felsic Volcanic: Grey-green. Fine grained. Siliceous. Minor chlorite. Minor pyrite. Rusty. Non-carbonate. Non-magnetic.

DP-024 (36791 NE)

Mafic Volcanic: Dark green. Fine grained. Quartz and chlorite bands. Rusty. Deeply weathered. 5% disseminated pyrite. No carbonate. Non-magnetic. Variable hardness.

DP-025 (36791 NE)

Mafic tuff: Dark green. Fine grained chloritic matrix with laminated chert fragments. 15-20% pyrite disseminated and stringer. No carbonate. Hard. Non-magnetic.

DP-026 (36793 NW)

Intermediate to Felsic Tuff: Pink to green. Weakly foliated. Fine grained. Hard. Rusty carbonate along fractures. Non-magnetic.

DP-027 (36793 SW)

Felsic Lapilli Tuff: Pink to grey-green. Fine grained, siliceous, weakly foliated matrix. Chert fragments. Non-carbonate. Extremely hard. Non-magnetic.

DP-028 (36793 SW)

Quartz Vein: Chloritic, rusty, 2% pyrite and chalcopyrite. Hematite and malachite stained. Carbonate.

DP-029 (36793 SW)

Quartz Vein: Glassy. Hematite stain. Slightly locally magnetic. No carbonate.

DP-030 (36793 SW)

Felsic Volcanic: Grey. Fine grained, siliceous. Fractured. 3-5% pyrite disseminated. Rusty. Carbonate. Non-magnetic.

DP-031 (36793 SE)

Felsic to Intermediate Lapilli Tuff: 30% red angular fragments 0.5-2.0 cm in chloritic matrix with quartz eyes. Minor coarse pyrite. Minor carbonate. Hard. Non-magnetic.

DP-032 (36793 SE)

As above: 20% angular chert fragments. 5-7% pyrite. Minor carbonate. Hard. Non-magnetic.

DP-033 (36793 SE)

As above: moderately foliated, 50% coarse grained carbonate stringers. Metallic lustre on slips. 2-3% pyrite. Hard. Non-magnetic.

DP-034 (36793 SE)

Altered Mafic Volcanic: Massive. Dark green. Magnetite, chert, actinolite and epidote as interpillow material. Minor pyrite. Carbonate. Hard. Magnetic.

DP-035 (36793 NW)

Intermediate Volcanic: Green-grey. Fine grained. Massive. 5-7% very fine grained pyrite. Trace carbonate. Hard. Non-magnetic.

DP-036 (1183589 N)

Mafic Volcanic: Amphibolite-hornblende or actinolite. Fine to medium grained. 3-5% disseminated pyrite. No carbonate. Hard. Non-magnetic.

DP-037 (1183589 N)

Mafic Volcanic: Fine grained, dark green, well foliated with 0.5 cm quartz blebs. Chloritic. Minor graphite. Non-carbonate. Soft. Non-magnetic. Minor rust.

DP-038 (1183589 NE)

Horneblendite: Medium grained. Grey-green. Abundant carbonate. Soft. Non-magnetic.

DP-039 (1183589 NE)

Peridotite: Dark blue-green. Hard. 5-10% magnetite blebs and bands. Carbonate. Minor pyrite and chalcopyrite.

DP-040 (1183589 NE)

Peridotite: Dark blue-green. Moderately foliated. Carbonate. Soft. Magnetic.

DP-041 (1183589 NE)

Quartz Feldspar Porphyry: Light green. Massive. Trace pyrite. Trace fine grained blue metallic.

DP-042 (1183589 NE)

Quartz Feldspar Porphyry: As DP-041. Fe-carbonate altered. Glassy quartz stringer. No free carbonate. Hard. Non-magnetic.

DP-043 (1183589 NE)

Peridotite?: Dark green. Weakly foliated. Chloritic. 10-20% very fine grained and medium grained pyrite. No carbonate. Soft. Non-magnetic.

DP-044 (1183587 SW)

Felsic to Intermediate Tuff: Chert, chloritic and feldspar porphyry lapilli fragments in muscovite rich matrix. No carbonate. Variable hardness. Non-magnetic.

DP-045 (1183587 NW)

Altered Mafic Volcanic: Dark grey-green. Massive. Minor epidote and actinolite. 3-5% pyrrhotite and pyrite. Carbonate. Hard. Weakly magnetic.

DP-046 (1183587 NW)

Felsic Ash Tuff: Grey. Very fine grained, cherty, laminated. Folded. No carbonate. Hard. Non-magnetic.

DP-047 (1183587 NW)

Mafic Volcanic: Dark green. Fine grained. Massive. Chloritic. Minor coarse grained pyrite. Carbonate seams. Soft. Non-magnetic.

DP-048 (1183587 NW)

Altered Volcanic Breccia: Dark green. Chloritic. Massive. 3-5% coarse grained pyrrhotite. Specular hematite blebs. No carbonate. Variable hardness. Locally magnetic.

DP-049 AND DP-050 (1183587 NW)

Altered Felsic Volcanic: Grey-green. Schistose. Muscovite, Ankerite?, and quartz eyes. Carbonate along fractures. Moderately soft. Non-magnetic.

DP-051 (36778 NW)

Intermediate Tuff: Fine grained, grey-green, moderately foliated, alternating chlorite muscovite rich and siliceous bands. Variably hard. 3-5% very fine grained pyrite. No carbonate. Non-magnetic. Rusty.

DP-052 (36778 SE)

Intermediate Tuff: Fine grained, grey-green, sheared, quartz carbonate laminates along foliation. Chlorite and muscovite. Variably hard. 1-2% very fine grained pyrite. Carbonate. Non-magnetic. Locally rusty.

DP-053 (36778 SE)

Intermediate Tuff: Fine grained, green, well foliated, sheared, mainly chlorite with muscovite. Soft. No carbonate. Non-magnetic. 1% fine grained pyrite in blebs. Locally rusty.

DP-054 (1183588 SW)

Mafic Volcanic: Dark green, fine grained, chloritic, non-foliated. Soft. No carbonate. Magnetic. 30% pyrite, pyrrhotite and chalcopyrite blebs and disseminated. Rusty.

DP-055 (1183587 NE)

Intermediate Tuff: Fine grained, yellow-red, altered to muscovite and chlorite. No carbonate. Soft. Non-magnetic. Highly gossened.

DP-056 (1183587 NE)

Intermediate Tuff: Fine grained, grey-green, chlorite, soft, no carbonate, non-magnetic, trace pyrite, rusty.

DP-057 (1183587 NE)

Intermediate Tuff: Fine grained, grey-green, chlorite and muscovite, weakly foliated, soft, no carbonate, non-magnetic, 1% fine grained pyrite, highly gossened.

DP-058 (1183587 NE)

Intermediate Tuff with Chert: Fine grained, grey-green, chlorite and muscovite, weakly foliated, hard, high carbonate, non-magnetic, 3% pyrite blebs and disseminated. 50% chert. Rusty.

DP-059 AND DP-060 (1183587 NE)

Intermediate Tuff: Medium grained, white and dark green, coarse actinolite and sucrosic quartz, no carbonate, hard, non-magnetic, highly gossened.

DP-061 (1183587 NE)

Mafic Volcanic: Fine grained, dark green, chloritic, massive, siliceous sulphide fragments, no carbonate, locally magnetic. Variable hardness. 25% pyrite and pyrrhotite.

DP-062 (1183587 NE)

Mafic Volcanic: Fine grained, dark green, chloritic, well foliated, minor carbonate, soft, locally magnetic, 20% pyrite bands.

DP-063 (1188251 NW)

Felsic Tuff: Fine grained, fragmental, light green, weakly foliated. Highly carbonated, hard, non-magnetic, 1% fine grained pyrite, rusty.

DP-064 (1188251 NW)

Felsic Volcanic: Fine grained, light green, massive, high carbonate, hard, non-magnetic, 1% fine grained pyrite, rusty.

DP-065 (1183587 NE)

Peridotite?: Dark green, fine grained, weakly foliated. Disrupted magnetite bands. Minor carbonate, variable hardness, strongly magnetic. Chlorite. 3-5% pyrite and pyrrhotite blebs. Trace Cu-stain.

DP-066 (1183587 SW)

Mafic Volcanic: Dark green, fine grained, weakly foliated. Chloritic. Soft. Weak local carbonate. Weakly magnetic. Minor pyrite.

DP-067 (1183587 SW)

Peridotite?: Dark green, fine to medium grained, moderately foliated. Soft. Chloritic. Magnetite bands. Abundant carbonate. Locally magnetic. 2% pyrite and pyrrhotite. Trace chalcopyrite.

DP-068 (1183587 SW)

Mafic Volcanic: Grey-green, medium grained, massive. Abundant carbonate. Hard. Weakly magnetic.

DP-069 (1183587 SW)

Mafic Volcanic: Grey-green, medium grained, massive. Abundant carbonate. Hard. Weakly magnetic. 1% pyrite, pyrrhotite and chalcopyrite.

DP-070 (1183587 NE)

Mafic Volcanic: Dark green. Fine grained, weakly foliated. Soft. Chloritic. Weak carbonate. Weakly magnetic. 10% pyrite in bands.

DP-071 (36719 SW)

Quartz Vein in Mafic Volcanic: Glassy white. 2-3 inches wide. 1% chalcopyrite and pyrite.

DP-072 (36719 SW)

Mafic Volcanic: Dark green. Fine grained. Poorly foliated. Soft. Weak carbonate. Locally magnetic. Chloritic. Epidote, quartz and specular hematite along fractures. Rusty.

DP-073 (36785 SE)

Mafic Volcanic: Dark green. Fine grained. Massive. Hard. No carbonate. Chloritic. Weakly magnetic. 1-2% pyrite.

DP-074 (36789 NE)

Felsic Volcanic?: Pink. Fine grained. Well foliated. Sheared. Friable. Hard. No carbonate. Weakly magnetic. 1% pyrite. Rusty. 3 meter chip.

DP-075 (36789 NE)

Quartz Carbonate Stringer in Mafic Volcanic?: Abundant ankerite in vein and host.

DP-076 (36789 NE)

Quartz K-Spar Vein with Mafic Volcanic: Minor chlorite. Trace pyrite.

DP-077 (36789 NW)

Brecciated Mafic Volcanic?: Orange-yellow. In situ breccia 1 cm fragments. No carbonate. Soft. Non-magnetic. Rusty.

DP-078 (36790 SW)

Intermediate Volcanic?: Pink. Fine grained. Banded. Hematite and pyrite along fractures. Hard. Minor quartz stringers. Minor jasper. Non-magnetic. Weak carbonate. 2% pyrite.

DP-079 (36790 SW)

Altered Volcanic: Pink to dark green. Fine grained. Weak foliation. Hard. Highly carbonated. Non-magnetic. Trace pyrite and chalcopyrite. Rusty.

DP-080 (36786 SE)

Altered Mafic Volcanic: Pink-grey. Fine grained. Massive. Hard. Weak carbonate. Highly magnetic. Minor pyrite and chalcopyrite. Cu-stain.

DP-081 (36786 SE)

Quartz Feldspar Porphyry: Grey-green. Fine grained. Non-foliated. Hard. Minor carbonate. Non-magnetic. 2% chalcopyrite and pyrite. Rusty.

DP-082 (36786 SE)

Altered Mafic Volcanic and Q.F. Porphyry: Rusty. Carbonate altered. Locally magnetic. Local Cu-stain. Trace pyrite and chalcopyrite.

DP-083 (36786 NW)

Quartz Stringer in Q.F. Porphyry: 1 inch wide. Coarse and fine pyrite and chalcopyrite (3-5%). Weak carbonate alteration. Float.

DP-084 (36785 SE)

Quartz Stockwork in Q.F. Porphyry: 5-15% quartz stringers at various angles with local pyrite. Porphyry is carbonate altered.

DP-085 (1183587 SE)

Mafic Volcanic: Dark green. Fine grained. Dense. Massive. Hard. No carbonate. Magnetic. 10-20% pyrrhotite, pyrite. Trace chalcopyrite.

DP-086 (1183587 SE)

Quartz-Sulphide Joint Filling: 1 cm wide. Very rusty.

DP-087 (1183589 NW)

Peridotite?: Highly gossened, sheared, chloritic, 20% pyrite, soft, no carbonate, non-magnetic.

DP-088 (1183589 NW)

Peridotite?: Dark grey-green, poorly foliated, trace pyrite, trace carbonate, highly magnetic.

DP-089 (1183589 NW)

Felsic Volcanic: Light grey, cherty, moderately foliated, 3-5% pyrite fine grained, hard, no carbonate, non-magnetic.

DP-090 (1183589 NW)

Felsic Volcanic: Grey-tan, muscovite-rich, soft, highly foliated, no carbonate, non-magnetic.

DP-091 (1183589 SE)

Felsic Volcanic: Grey-tan, massive, moderately hard, rusty, trace pyrite, no carbonate, non-magnetic.

DP-092 (36790 NE)

Altered Volcanic: Highly gossened. Quartz blebs (5%)_, Sericite (5%), 10-15% pyrite. Specular hematite along fractures, soft, no carbonate, non-magnetic.

DP-093 (36790 NE)

Altered Felsic Intrusive: Red and black to grey-green, fine grained, massive, epidote, hematite, Cu-stained, local carbonate, hard, highly magnetic.

DP-094 (36794 SE)

Mafic Volcanic: Dark grey-green, weakly foliated, chloritic, high carbonate, non-magnetic.

DP-095 (36794 SE)

Peridotite?: Dark blue-green, moderately foliated, chloritic, talcose, 1% pyrrhotite blebs, trace chalcopyrite, abundant carbonate, non-magnetic, soft.

DP-096 (36794 SW)

Felsic Volcanic: Grey, massive, 30% quartz stringers, hard, no carbonate, non-magnetic, 1% coarse pyrite.

DP-097 AND DP-098 (36794 SW)

Quartz Vein: Glassy, hematized to white, brecciated in Fe-carbonate altered feldspar porphyry. Minor pyrite and chalcopyrite.

DP-099 (36790 NW)

Quartz Feldspar Porphyry: Grey-green, massive, rusty, 5% quartz stringers, trace pyrite, minor Fe-carbonate altered, hard, no carbonate, non-magnetic.

DP-100 (36790 NW)

Quartz Feldspar Porphyry: Pink, massive, 40% quartz stringers, 3% coarse pyrite, Fe-carbonate altered, hard, no carbonate, non-magnetic.

DP-101 (36794 SE)

Felsic Intrusive: Red, massive, 10% quartz stringers, 3% fine grained pyrite, carbonate on fractures, locally rusty, locally magnetic.

DP-102 (36794 SE)

Quartz Vein in Felsic Intrusive: Silicified and Fe-carbonate altered wall rock, trace pyrite, magnetic.

DP-103 (36791 NW)

Quartz Feldspar Porphyry with Quartz Vein: Pink, massive, 50% glassy white quartz, no carbonate, hard, non-magnetic.

DP-104 (36791 NW)

Altered Intrusive: Red, highly gossened, moderately foliated, 2% coarse pyrite, minor quartz stringer.

DP-105 (36719 SE)

Felsic Volcanic or Intrusive: Tan, fine grained, massive, hard, Fe-carbonate altered, non-magnetic, 1% fine pyrite.

DP-106 AND DP-107 (36794 SW)

Quartz Feldspar Porphyry: Tan, massive, gossened, Fe-carbonate altered, 2-3% pyrite and chalcopyrite, quartz stringer.

DP-108

CH88-01, 215': Altered Volcanic; Grey-green, foliated, banded muscovite and chlorite and Fe-carbonate, minor fine grained pyrite, minor quartz K-Spar stringer, soft, no carbonate, non-magnetic.

DP-109

CH88-02, 237': Brecciated Quartz Feldspar Porphyry; tan to grey, medium grained in situ breccia with white quartz matrix, minor Fe-carbonate, minor pyrite, no carbonate, non-magnetic.

DP-110

CH88-02, 288': Altered Volcanic; tan to green, foliated, muscovite, chlorite, Fe-carbonate, 2% pyrite, no carbonate, non-magnetic.

DP-111

CH88-03, 340': Brecciated Quartz Feldspar Porphyry; red to tan, brecciated in situ, chlorite-specular hematite matrix, Fe-carbonate altered, 2-3% pyrite, quartz fragments, carbonate, non-magnetic.

DP-112

CH88-05, 48.5': Altered Volcanic; grey to red, fine grained, weakly foliated, quartz stringers, Fe-carbonate altered, 3-5% fine to coarse pyrite, no carbonate, non-magnetic.

DP-113

CH88-06, 284': Quartz Feldspar Porphyry; cream, fine grained, 2-3% fine grained pyrite, no carbonate, non-magnetic.

DP-114

CH88-06, 309': Granodiorite; red, fine to medium grained, 5% quartz blebs, 2% pyrite disseminated and in bands, Fe-carbonate altered, non-magnetic, no carbonate.

DP-115

CH88-09, 237': Quartz Feldspar Porphyry; tan to red, brecciated, hematite matrix, Fe-carbonate altered, quartz stringers, no carbonate, non-magnetic.

DP-116

CH88-10, 205': Quartz Feldspar Porphyry; grey-green, massive, 30% quartz blebs, minor sericite, minor pyrite, Fe-carbonate, no carbonate, non-magnetic.

DP-117

2-2, 10-10.5': Intermediate Volcanic; grey, fine grained siliceous, massive, hard, no carbonate, non-magnetic.

DP-118

2-2, 26-26.5': Sulphide Zone; Dark green, banded sulphides, chlorite and chert, 30% pyrrhotite with chalcopyrite and minor pyrite, minor carbonate, magnetic.

DP-119

2-2, 34-34.5': Sulphide Zone; Dark green, banded sulphides in variably chloritic and siliceous volcanic. 25% pyrrhotite with chalcopyrite and pyrite, minor carbonate, magnetic.

DP-120

2-2, 40-41': Chert; light grey, minor banding of sulphides and chlorite, 10% very fine pyrrhotite and pyrite, abundant carbonate, locally magnetic.

DP-121

2-2, 48-49': Intermediate Volcanic; grey to green mottled, siliceous, epidote altered, minor carbonate locally, non-magnetic.

DP-122

2-2, 53-53.5': Intermediate to Mafic Volcanic; grey-green mottled, fine grained epidote altered, 1-2% disseminated pyrite, locally abundant carbonate, non-magnetic.

DP-123

2-2, 20-20.5': Intermediate Volcanic; grey-green mottled, blebs and bands of chlorite, actinolite and carbonate, 1-2% disseminated pyrite, minor epidote, local carbonate, non-magnetic.

DP-124

2-3, 77-78': Mafic Volcanic; dark green, fine grained, locally siliceous, 2-3% pyrrhotite in stringers, local carbonate rich bands, chloritic, moderately magnetic.

DP-125

2-3, 85-86': Intermediate Lapilli Tuff; grey-green, siliceous fine grained matrix with minor chlorite, 0.5-5 cm light grey fragments, no carbonate, non-magnetic.

DP-126

2-3, 99-99.5': Intermediate to Mafic Volcanic; grey-green, weakly foliated, mottled, minor epidote alteration, no carbonate, non-magnetic.

DP-127

2-3, 104-104.5': Mafic Volcanic; Dark green, banded chloritic, minor actinolite, 3-5% disseminated pyrrhotite and pyrite, abundant calcite, weakly magnetic.

DP-128

2-3, 110-110.5': Sulphide Zone; Dark green, banded sulphides, chloritic and siliceous, 25% pyrrhotite with chalcopyrite and pyrite. Local carbonate, magnetic.

DP-129

2-3, 115-115.5': Sulphide Zone; Dark green, banded sulphides and chloritic, 50% pyrrhotite, chalcopyrite and pyrite, minor actinolite. Local carbonate, magnetic.

DP-130

2-3, 120-120.5': Sulphide Zone; Dark green, sulphide stringers in chloritic matrix with actinolite. 10% pyrrhotite, carbonate, magnetic.

DP-131

2-3, 126.5-127': Intermediate to Mafic Volcanic; Grey-green mottled, epidote altered, siliceous, abundant carbonate, non-magnetic.

DP-132

2-3, 132-132.5': Intermediate Volcanic; Grey, actinolite, epidote spheroids, siliceous, locally minor carbonate, non-magnetic.

DP-133

2-3, 138-138.5': Intermediate Volcanic; Grey-green, banded, minor actinolite and epidote, locally siliceous, local carbonate, 1-2% pyrrhotite stringers, locally magnetic.

BD-001 (1188253 NW)

Quartz Feldspar Porphyry or Felsic Volcanic Tuff: Quartz eyes and chlorite clots, green, 2% disseminated pyrite, highly carbonate, slightly foliated, hard, non-magnetic.

BD-002 (36789 NE)

Green, altered mafic volcanic, epidote altered, chert, hematite stain, carbonate along seams, hard, non-magnetic.

BD-003 (36789 NE)

Grey-green, altered mafic volcanic, epidote altered, highly carbonate, hard, highly magnetic.

BD-004 (36789 SE)

Grey-green, intermediate to felsic volcanic with chlorite clots, no carbonate, variable hardness, non-magnetic.

BD-005 (36789 SE)

Grey-green, intermediate to mafic volcanic, trace pyrite, foliated, no carbonate, moderately hard, rusty fractures, non-magnetic.

BD-006 (36789 SE)

Grey-green, intermediate to felsic volcanic, massive, epidote altered, chlorite, 2-3% pyrite, locally carbonate, hard, non-magnetic.

BD-007 (1183588 SE)

Altered, mineralized pillow selvages with 1% pyrite. euhedral Xlls, locally hematite and epidote altered, variable carbonate, variable hardness, variable magnetism.

BD-008 (1183588 SE)

Altered chloritic host with quartz and sulphides. Recrystallized quartz, 25% coarse grained pyrite, no carbonate, variable hardness.

BD-009 (1183588 SE)

Black magnetite pillow selvages, no carbonate, moderately soft, magnetic.

BD-010 (1183588 SE)

Chloritic and epidote altered mafic volcanic pillows with trace pyrite, no carbonate, hard, highly magnetic.

BD-011 (1183588 NE)

Felsic volcanic, chloritic, trace pyrite and chalcopyrite, highly carbonate, hard, non-magnetic.

BD-012 (36793 SE)

Altered volcanic, massive, chloritic, 2% pyrite, no carbonate, locally hematite, quartz stringers, variable hardness, locally magnetic.

BD-013 (36793 SE)

Altered volcanic, chlorite, 10-15% pyrite, 5% mt, no carbonate, hard, magnetic.

BD-014 (36793 SE)

Rusty BIF, highly deformed, locally carbonate, variable hardness, locally highly magnetic, chert-mt, epidote.

BD-015 (36793 SW)

Pink, intermediate dyke, 1% pyrite, mt, black streaks throughout, no carbonate, hard, magnetic.

BD-016 (36791 SE)

Mafic volcanic, dark green, 1% chalcopyrite, malachite stain, quartz stringer, no carbonate, moderately hard, non-magnetic.

BD-017 (36791 SE)

Altered mafic volcanic, epidote, chlorite, 5% pyrite, locally minor carbonate, variable hardness, locally magnetic.

BD-018 (36793 SW)

BIF, chert-mt, rusty, no carbonate, hard, magnetic.

BD-019 (36793 SW)

Altered mafic volcanic, chlorite, no carbonate, moderately hard, locally weakly magnetic, 2-3% pyrite.

BD-020 (36789 NE)

Altered mafic volcanic, epidote, pink stain, highly carbonate, moderately hard, magnetic.

BD-021 (36789 SW)

Felsic fragmental, dark green, no carbonate, hard, locally magnetic.

BD-022 (36789 SW)

Felsic volcanic-rhyolite, trace pyrite, locally appears brecciated, trace hematite stain, no carbonate, hard, non-magnetic.

BD-023 (36793 SE)

Dark grey-green chert-chlorite breccia, 5% fgr disseminated pyrite, highly carbonate, hard, non-magnetic.

BD-024 (36793 SE)

White-grey quartz-chert with chloritic host rock, no carbonate, hard, non-magnetic.

BD-025 (36793 SE)

Intermediate dyke, pink with black streaks, highly carbonate, hard, locally magnetic.

BD-026 (36793 SE)

Quartz vein with 10% chalcopyrite, malachite and azurite stain, locally carbonate, hard, locally magnetic.

BD-027 (36793 SE)

Altered mafic volcanic, chlorite, 2% pyrite, weakly foliated, no carbonate, variable hardness, non-magnetic.

BD-028 (36793 SE)

Rhyolite-quartz vein contact zone, 5% pyrite and chalcopyrite, mt in quartz vein, locally quartz-carbonate veins, hard, locally magnetic.

BD-029 (36793 SE)

Mafic volcanic with chert, 1-2% pyrite, locally carbonate, hard, locally magnetic.

BD-030 (36793 NW)

Light green, felsic fragmental, 5% fgr. pyrite, variable carbonate, hard, non-magnetic, slightly foliated.

BD-031 (1183589 N)

Dark green, highly foliated, chlorite schist, rusty, 20% pyrite and po, fgr and banded sulphides, no carbonate, moderately soft, highly magnetic.

BD-032 (1183589 NE)

Grey-brown, highly foliated, peridotite?, variable carbonate, moderately hard, locally moderately magnetic.

BD-033 (1183589 NE)

Altered volcanic, green mica (fushite) in contact with mafic volcanic, no carbonate, hard, non-magnetic.

BD-034 (1183589 NE)

Chert or siliceous volcanic, 2% pyrite, no carbonate, hard, non-magnetic.

BD-035 (1183587 NW)

Mafic volcanic with 5% pyrite blebs, carbonate, hard, non-magnetic.

BD-036 (1183587 NW)

Felsic breccia, 2% pyrite, highly carbonate, variable hardness, non-magnetic.

BD-037 (1183587 NE)

Amygduloidal mafic volcanic with disrupted chert-mt, massive, rusty, carbonate, variable hardness, locally moderately magnetic.

BD-038 (1183587 NE)

Chert, rusty, no carbonate, hard, non-magnetic.

BD-039 (1183587 NE)

Intermediate volcanic, amygduloidal, chlorite-chert bands, 20 cm chip, no carbonate, variable hardness, non-magnetic.

BD-040 (1183587 NE)

Dark grey-green mafic volcanic with 5% pyrite bands and cubes, no carbonate, hard, non-magnetic.

BD-041 (1183587 NE)

Altered volcanic, quartz-amphibole schist, rusty, no carbonate, hard, non-magnetic.

BD-042 (1188250 SW)

Light grey felsic quartz crystal tuff, rusty, 2% fgr pyrite, no carbonate, hard, non-magnetic.

BD-043 (1188250 SW)

Dark green, mafic volcanic with 15% pyrite bands, no carbonate, moderately hard, non-magnetic.

BD-044 (1188250 SW)

Dark grey-black chert, 2% fgr pyrite, no carbonate, hard, non-magnetic.

BD-045 (1188250 SW)

Rusty, carbonate altered mafic volcanic, well foliated, moderately hard, non-magnetic.

BD-046 (1183587 NW)

Intermediate breccia, amphibole altered, no carbonate, moderately hard, non-magnetic.

BD-047 (1188250 SW)

Altered volcanic, green mica, 1% pyrite, 5 m wide exposure, no carbonate, hard, non-magnetic.

BD-048 (1188250 SW)

Peridotite, chloritic, moderately foliated, 2% pyrite, rusty, no carbonate, moderately hard, non-magnetic.

BD-049 (1188250 NW)

Dark grey felsic volcanic, quartz eyes, feldspar Xlls, sheared, Fe-carbonate, abundant carbonate, non-magnetic, hard.

BD-050 (1188251 NW)

Intermediate to mafic tuff breccia, lapilli tuff, felsic fragments, 1 m chip, rusty, no carbonate, variable hardness, locally moderately magnetic.

BD-051 (1188252 SW)

Intermediate volcanic, fgr, massive, moderate carbonate, 1% fgr pyrite, hard, non-magnetic.

BD-052 (1183587 NE)

Mafic volcanic, fine grained, green, massive, no carbonate, hard, magnetic, 5% pyrite blebs, rusty.

BD-053 (1183587 NE)

Felsic volcanic, light green, fine grained, weakly foliated, siliceous, no carbonate, hard, non-magnetic.

BD-054 (1183587 NE)

Felsic lapilli tuff, light green, medium grained matrix with fragments up to several cms. Bedded and moderately foliated, local carbonate, hard, non-magnetic, minor disseminated pyrite.

BD-055 (1183587 NE)

Mafic fragmental with chert frags, dark green, fine grained chloritic matrix, weakly foliated, moderately hard, non-magnetic, no carbonate, 2% fine disseminated pyrite.

BD-056 (1183587 NE)

Mafic volcanic, dark green-blue, fine grained, minor soft brown mica, massive, carbonate, highly magnetic, magnetite, trace sulphide.

BD-057 (1183587 NE)

Mafic volcanic, green, fine grained, siliceous mt-bearing layers and chloritic sulphide-bearing layers, non-carbonate, hard, magnetic, 3% disseminated pyrite.

BD-058 (1183587 NE)

Felsic tuff, cream coloured to grey, fine grained, siliceous, weakly foliated, minor carbonate, moderately hard, non-magnetic, occasional siliceous fragments.

BD-059 (1183587 NE)

Mafic volcanic, green, fine grained, massive, weak carbonate, moderately hard, 2% pyrite along fractures, non-magnetic.

BD-060 (1183587 NE)

Intermediate tuff, fine grained, grey, massive, siliceous, minor carbonate, hard, non-magnetic, trace pyrite.

BD-061 (1188251 NW)

Felsic volcanic, grey, fine grained, highly carbonate, hard, massive, non-magnetic, minor rust.

BD-062 (1188251 SW)

Mafic volcanic, grey-green, chloritic, moderately foliated, highly carbonate, variable hardness, non-magnetic, 5% medium grained pyrite.

BD-063 (1183587 NW)

Mafic volcanic, medium grained, feldspar and amphibole, dark green, massive, minor carbonate, 1-2% pyrite cubes, magnetic.

BD-064 (1183587 NW)

Mafic volcanic, medium grained, as BD-063 except sheared with quartz carbonate veins and minor pyrite, locally abundant carbonate, magnetic.

BD-065 (1183587 NW)

Mafic volcanic, similar to BD-063, massive, highly carbonate, magnetic, 3-5% pyrite, hard.

BD-066 (1183587 NW)

Mafic volcanic, black, similar to BD-063, massive, hard, highly carbonate, magnetic, 3% pyrite along fractures.

BD-067 (1183587 NW)

Mafic volcanic, fine grained, weakly foliated, minor carbonate, hard, locally magnetic, 1% pyrite.

BD-068 (36719 SW)

Quartz stringer, 1", white to glassy, trace rust, trace chlorite, trace pyrite.

BD-069 (36789 NE)

Altered mafic volcanic, green, fractured with abundant epidote, minor carbonate, non-magnetic, hard, rusty, trace pyrite.

BD-070 (36789 NE)

Quartz vein, white sucrosic, minor k-spar.

BD-071 (36789 NE)

Sheared mafic volcanic, green, crenulated with epidote and carbonate, trace pyrite, non-magnetic, quartz vein.

BD-072 (36789 NW)

Quartz-k-spar-carbonate vein, minor chlorite, trace pyrite, in altered volcanic with trace pyrite.

BD-073 (36790 SW)

Altered mafic volcanic, dark green, fine grained, massive, hematite k-spar, locally magnetic, trace pyrite.

BD-074 (36790 SW)

1 m chip across altered mafic volcanic, dark green, fine grained, hard, epidote and pink altered, magnetic, trace pyrite.

BD-075 (36786 SE)

Altered mafic volcanic, dark green, weakly foliated, hard, carbonate, non-magnetic, 1% pyrite.

BD-076 (36786 SE)

Ankerite carbonate altered volcanic, pink to green, .5 m chip, well foliated, fine to medium grained, soft, non-magnetic, locally rusty, friable.

BD-077 (36786 SE)

Ankerite carbonate altered volcanic, pink to green, laminated, as BD-076.

BD-078 (36786 NW)

Quartz vein in porphyry, pyrite and chalcopyrite in vein. 25% qv, rusty.

BD-079 (36786 NW)

4 m chip across quartz feldspar porphyry, carbonate altered, quartz stringers.

BD-080 (36786 NW)

Carbonate-rich dyke, grey-green, fine grained, hard, non-magnetic, deeply weathered, fractured along cleavage, rusty along fractures.

BD-081 (36784 NE)

Quartz feldspar porphyry, .5 m chip, grey-green, medium grained, quartz stringers, carbonate altered, hard, non-magnetic, massive, minor pyrite.

BD-082 (1183587 SE)

Mafic intrusive, rubble crop, quartz amphibole, massive, magnetic, hard, 5-7% pyrrhotite disseminated, rusty.

BD-083 (1183587 SE)

Mafic intrusive, medium grained, dark green, massive, magnetic, hard, minor pyrite.

BD-084 (1183587 SE)

Mafic intrusive, as BD-083 except 3-5% pyrite.

BD-085 (1183587 SE)

Disrupted mt volcanic beds, appears fragmental, black-green, fine grained, moderate foliation, epidote and carbonate altered, 1% porphyry.

BD-086 (1183587 SE)

Intermediate volcanic, fragmental, .5 m chip, quartz - pink carbonate stringers, moderately foliated, grey-green, locally magnetic, variable hardness, trace pyrite.

BD-087 (1183587 SW)

Mafic volcanic, dark green, fine grained, massive, highly magnetic, hard, trace pyrite, rusty.

BD-088 (1183589 NE)

Mafic volcanic, dark green, weakly foliated, locally fragmental with felsic fragments, locally rusty, 1-2% pyrite, locally magnetic, minor carbonate, variable hardness.

BD-089 (1183589 NW)

Mafic volcanic, dark green, medium grained, chlorite, minor actinolite, 3-5% pyrite stringers, rusty, hard, locally magnetic, no carbonate.

BD-090 (1183589 NW)

Feldspar porphyry, sheared, light grey-pink, foliated, abundant muscovite and k-spar, 1% fgr pyrite, locally abundant carbonate, soft, non-magnetic.

BD-091 (36794 SE)

Altered quartz feldspar porphyry, grey to pink, with grey qv, sheared, chlorite- muscovite - carbonate, possibly red porphyry, magnetic.

BD-092 (36794 SE)

Quartz vein in mafic volcanic, grey to white, minor chlorite, trace pyrite, mt, chalcopyrite, specular hematite, locally carbonate, locally magnetic.

BD-093 (36794 SE)

Altered feldspar porphyry, tan, massive, abundant Fe-carbonate altered, 1% pyrite, chalcopyrite, specular hematite, abundant carbonate, non-magnetic.

BD-094 (36794 SE)

Altered quartz feldspar porphyry, tan, massive with some fractures, moderately Fe-carbonate altered, rusty fractures, no carbonate, non-magnetic.

BD-095 (36794 SW)

Quartz feldspar porphyry with qv, tan, massive, moderate Fe-carbonate alteration, 1% pyrite and chalcopyrite, moderate carbonate, non-magnetic.

BD-096 (36794 SW)

As above without qv.

BD-097 (36790 NW)

Quartz feldspar porphyry, tan, with quartz stringers, massive, minor Fe-carbonate, non carbonate, non-magnetic.

BD-098 (36790 NW)

As above.

BD-099 (36794 SE)

Quartz feldspar porphyry, pink, quartz-carbonate veins with 2% medium grained pyrite, non-magnetic.

BD-100 (36794 SE)

Quartz vein in quartz feldspar porphyry, rusty, white, trace coarse grained pyrite, no carbonate.

BD-101 (36791 NW)

Altered inter-felsic volcanic, dark grey, highly fractured, quartz-muscovite-Nch, 5% pyrite stringers, no carbonate, variable hardness, magnetic.

BD-102 (36791 NW)

Altered felsic volcanic, tan, locally sheared, minor sericite, rusty, no carbonate, minor specular hematite, non-magnetic.

BD-103 (36791 NW)

BIF in contact with BD-102, siliceous and Fe rich layers, minor chl and muscovite, rusty, magnetic, 3-5% pyrite, carbonate.

BD-104 (36791 NW)

Feldspar porphyry, tan, sheared, fgr, minor muscovite, slickensides, trace pyrite, minor carbonate, non-magnetic.

BD-105 (36791 NW)

Felsic intrusive, fgr, red-black, massive, Fe-carbonate altered, hard, 1% pyrite along rusty fractures, no carbonate, magnetic.

BD-106 (36791 NW)

Felsic intrusive, fgr, red-black, massive, Fe-carbonate altered, hard, minor shearing, 2% pyrite and chalcopyrite, carbonate, magnetic.

BD-107 (36719 NE)

Mafic volcanic, black, fgr, weakly foliated, trace pyrite, hard, magnetic, carbonate.

BD-108 (36719 NE)

Altered mafic volcanic, dark green, fgr, weakly foliated to massive, epidote altered with 2% disseminated pyrite, magnetic, trace carbonate.

BD-109 (36719 SW)

Quartz-carbonate vein in carbonate-altered porphyry. Green muscovite alteration adjacent to vein, 2-3% chalcopyrite in porphyry, minor pyrite in wall rock and qv.

BD-110 (36719 SW)

Same as BD-109.

BD-111 (36785 NE)

Quartz stringer with QFP as BD-109, more carbonate altered.

BD-112 (36785 NE)

As BD-109, 5% chalcopyrite and pyrite, disseminated and stringers, 5% quartz stringers.

BD-113 (36719 NW)

Quartz stringer in porphyry, highly gossened, 1-2% pyrite.

BD-114 (36785 NE)

Very fine grained porphyry and recrystallized qv, 3% pyrite stringers, minor chalcopyrite.

BD-115 (36778 NE)

Chlorite-muscovite schist with siliceous fragments, minor carbonate, non-magnetic, hard, trace pyrite.

BD-116 (36778 NE)

Chlorite-muscovite schist, felsic pyroclastic, no carbonate, non-magnetic, hardness variable.

APPENDIX 2

ANALYTICAL RESULTS

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4412

INVOICE #: 19634
P.O.: TB1956

SAMPLE(S) OF Rock

B. D'Silva/D. Parker

	Cu ppm
DP-001	2
DP-002	54
DP-003	22
DP-004	2
DP-005	2
DP-006	53
DP-007	3
DP-008	170
DP-009	67
DP-010	480
DP-011	33
DP-012	2
DP-013	18
DP-014	78
DP-015	140
DP-016	320
DP-017	770
DP-018	35
DP-019	2
DP-020	34

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: Same

Jul 14/92

SIGNED Bernie Dunn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4412

INVOICE #: 19634
P.O.: TB1956

SAMPLE(S) OF Rock

B. D'Silva/D. Parker

	Cu ppm
DP-021	120
DP-022	1
DP-023	220
DP-024	45
DP-025	73
DP-026	33
DP-027	22
DP-028	3800
DP-029	370
DP-030	240
DP-031	54
DP-032	58
DP-033	62
DP-034	270
DP-035	35
DP-036	300
DP-037	77
DP-038	24
DP-039	610
DP-040	220

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: Same

Jul 14/92

SIGNED _____

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4412

INVOICE #: 19634
P.O.: TB1956

SAMPLE(S) OF Rock

B. D'Silva/D. Parker

	Cu ppm
DP-041	12
DP-042	1
DP-043	170
DP-044	5
DP-045	1
DP-046	<1
DP-047	14
DP-048	120
DP-049	8
DP-050	9
BD-001	<1
BD-002	92
BD-003	65
BD-004	92
BD-005	57
BD-006	89
BD-007	2
BD-008	470
BD-009	120
BD-010	2

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: Same

Jul 14/92

SIGNED Bernice Dinn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4412

INVOICE #: 19634
P.O.: TB1956

SAMPLE(S) OF Rock

B. D'Silva/D. Parker

	Cu ppm	Cu %
BD-011	33	
BD-012	310	
BD-013	1900	
BD-014	230	
BD-015	160	
BD-016	1200	
BD-017	640	
BD-018	240	
BD-019	620	
BD-020	66	
BD-021	12	
BD-022	65	
BD-023	110	
BD-024	31	
BD-025	26	
BD-026	>5000	10.6
BD-027	520	
BD-028	1700	
BD-029	340	
BD-030	39	

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: Same

Jul 14/92

SIGNED Bernie Dunn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4412

INVOICE #: 19634
P.O.: TB1956

SAMPLE(S) OF Rock

B. D'Silva/D. Parker

	Cu ppm
BD-031	140
BD-032	89
BD-033	26
BD-034	76
BD-035	53
BD-036	53
BD-037	100
BD-038	30
BD-039	24
BD-040	230
BD-041	110
BD-042	26
BD-043	350
BD-044	37
BD-045	3
BD-046	5
BD-047	9
BD-048	130
BD-049	13
BD-050	11

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: Same

Jul 14/92

SIGNED Bernie Dunn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4412

SAMPLE(S) OF Rock

INVOICE #: 19634
P.O.: TB1956

B. D'Silva/D. Parker

	Cu ppm
BD-051	340

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: Same

Jul 14/92

SIGNED Bernie Quinn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

Activation Laboratories Ltd. Work Order: 4197 Report: 4206

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
DP1	10	<5	<2	590	<1	<1	6	78	3	2.22	2.3	<1	<5	<5	7860	<50	88	<0.2	8.3	<5	<0.01	<0.05	<1	0.9
DP2	<5	<5	<2	<100	<1	4	36	230	<2	4.37	1.8	<1	<5	<5	26200	<50	<30	<0.2	29	<5	<0.01	<0.05	<1	<0.5
DP3	<5	<5	7	350	<1	<1	69	980	3	4.27	<0.5	<1	<5	<5	11600	<50	74	<0.2	31	<5	<0.02	<0.05	<1	1.1
DP4	<5	<5	<2	<100	<1	3	20	47	3	9.27	4.3	<1	<5	<5	18300	<50	<30	<0.2	29	<5	<0.02	<0.05	<1	1.0
DP5	<5	<5	4	<100	<1	3	52	92	<2	7.88	<0.5	<1	<5	<5	27400	<50	<30	<0.2	16	<5	<0.02	<0.05	<1	1.6
DP6	15	<5	15	630	<1	4	42	200	2	6.90	1.4	<1	<5	<5	16600	<50	<30	0.5	24	<5	<0.02	<0.05	<1	1.6
DP7	<5	<5	<2	<100	<1	3	18	100	<2	4.93	2.5	<1	<5	<5	23600	<50	<30	<0.2	19	<5	<0.02	<0.05	<1	1.6
DP8	<5	<5	5	<100	<1	2	70	130	<2	8.24	1.4	<1	<5	<5	1910	<50	30	<0.2	15	<5	<0.01	<0.05	<1	<0.5
DP9	<5	<5	2	380	<1	<1	27	97	9	10.5	3.9	<1	<5	<5	12800	<50	63	<0.2	34	<5	<0.01	<0.05	<1	1.6
DP10	13	<5	25	<100	<1	<1	44	130	<2	19.9	2.5	<1	<5	<5	9770	<50	<30	<0.2	12	<5	<0.02	<0.05	<1	1.6
DP11	11	<5	11	<100	<1	<1	22	440	<2	3.24	<0.5	<1	<5	<5	14500	150	<30	<0.2	8.4	<5	<0.01	<0.05	<1	<0.5
DP12	8	<5	5	<100	<1	7	110	190	2	10.7	2.2	<1	<5	<5	7250	210	47	<0.2	27	<5	<0.02	<0.05	<1	1.4
DP13	<5	<5	7	<100	2	2	21	410	<2	4.76	2.9	<1	<5	<5	19500	<50	<30	<0.2	12	<5	<0.02	<0.05	<1	<0.5
DP14	82	<5	3	410	<1	<1	39	65	<2	7.30	3.1	<1	<5	<5	33600	<50	94	0.8	34	<5	<0.02	<0.05	<1	1.6
DP15	17	<5	96	<100	<1	<1	28	170	<2	7.24	<0.5	<1	<5	6	<500	<50	<30	0.6	4.3	<5	<0.01	<0.05	<1	<0.5
DP16	12	<5	26	270	<1	<1	16	130	<2	4.67	2.7	<1	<5	12	4740	<50	36	0.4	4.4	<5	<0.01	<0.05	<1	3.7
DP17	52	<5	66	140	<1	<1	46	210	<2	7.65	2.3	<1	<5	20	8650	<50	<30	1.7	3.9	8	<0.01	<0.05	<1	3.5
DP18	5	<5	7	230	<1	4	18	110	<2	6.98	2.0	<1	<5	<5	13300	<50	<30	1.8	19	<5	<0.02	<0.05	<1	1.3
DP19	<5	<5	2	430	<1	<1	14	57	3	4.69	1.5	<1	<5	<5	35900	<50	82	1.0	21	<5	<0.02	<0.05	3	1.6
DP20	90	<5	12	390	<1	<1	36	230	<2	3.55	2.2	<1	<5	<5	53100	<52	<30	0.7	27	<5	<0.03	<0.05	<1	1.5
DP21	<5	<5	<2	<100	2	2	5	150	<2	1.11	<0.5	<1	<5	<5	1970	<50	<30	<0.2	2.1	<5	<0.01	<0.05	<1	<0.5
DP22	<5	<5	<2	410	<1	<1	<5	63	<2	1.04	4.1	<1	<5	INT	9930	<50	100	<0.2	6.7	<5	<0.01	<0.05	3	6.0
DP23	40	<5	19	<100	<1	2	20	110	<2	7.99	3.1	<1	<5	<5	3580	<50	<30	0.2	7.1	<5	<0.01	<0.05	<1	5.1
DP24	8	<5	4	<100	<1	<1	14	100	<2	8.11	2.7	<1	<5	<5	14800	<50	<30	0.4	5.1	<5	<0.01	<0.05	<1	3.1
DP25	17	<5	4	260	<1	2	20	110	2	12.7	1.7	<1	<5	<5	16300	<50	61	0.3	19	<5	<0.02	<0.05	<1	1.4
DP26	7	<5	<2	470	<1	<1	10	100	<2	4.49	2.7	<1	<5	<5	37300	<50	<30	<0.2	21	<5	<0.02	<0.05	3	1.8
DP27	<5	<5	<2	670	<1	<1	12	72	<2	3.90	4.7	<1	<5	<5	14400	<50	64	0.3	13	<5	<0.01	<0.05	<1	3.7
DP28	44	<5	21	120	2	<1	22	160	<2	4.61	1.0	<1	<5	82	3310	<50	<30	<0.2	3.5	5	<0.01	<0.05	<1	1.2
DP29	474	<5	57	<100	1	<1	<5	170	<2	3.10	<0.5	<1	<5	49	571	<50	<30	<0.2	0.5	<5	<0.01	<0.05	<1	0.5
DP30	16	<5	17	350	<1	<1	16	120	<2	4.76	2.6	1	<5	9	8220	<50	49	<0.2	3.8	5	<0.01	<0.05	<1	4.9
DP31	<5	<5	4	500	<1	4	23	75	<2	5.97	3.8	<1	<5	<5	12900	120	85	<0.2	14	<5	<0.01	<0.05	<1	2.1
DP32	<5	<5	14	150	<1	5	17	83	<2	5.74	3.3	<1	<5	<5	11700	<50	<30	<0.2	14	<5	<0.01	<0.05	2	2.5
DP33	<5	<5	2	320	<1	3	20	66	4	6.08	3.4	<1	<5	<5	8580	<50	40	0.3	12	<5	<0.01	<0.05	<1	2.2
DP34	9	<5	3	<100	<1	5	30	71	<2	10.3	2.2	<1	<5	<5	3270	<50	31	0.4	21	<5	<0.01	<0.05	<1	1.6
DP35	<5	<5	<2	<100	<1	3	18	110	<2	6.02	1.7	<1	<5	<5	29000	<50	59	<0.2	24	<5	<0.02	<0.05	<1	1.1
DP36	<5	<5	3	510	<1	6	39	220	<2	8.22	4.0	<1	<5	<5	11900	<50	<30	0.8	23	<5	<0.02	0.13	1	3.4
DP37	<5	<5	10	<100	<1	<1	30	210	<2	19.1	1.3	<1	<5	<5	<500	<50	<30	<0.2	25	<5	<0.01	<0.05	<1	<0.5
DP38	<5	<5	<2	<100	<1	8	56	260	<2	6.16	3.0	<1	<5	<5	4560	440	<30	<0.2	18	<5	<0.01	<0.05	2	1.3
DP39	<5	<5	5	<100	2	7	110	1700	<2	11.9	1.4	<1	<5	<5	1270	900	<30	<0.2	23	<5	<0.01	<0.05	<1	<0.5
DP40	7	<5	<2	160	<1	4	90	1900	10	14.7	1.3	<1	<5	<5	<500	750	43	0.3	26	<5	<0.01	<0.05	<1	<0.5
DP41	<5	<5	<2	710	<1	<1	<5	55	<2	1.10	2.6	<1	<5	<5	24200	<50	62	<0.2	2.4	<5	<0.01	<0.05	<1	1.1
DP42	<5	<5	<2	200	1	<1	<5	140	<2	1.02	1.5	<1	<5	<5	22100	<50	<30	0.3	1.6	<5	<0.01	<0.05	<1	0.7
DP43	<5	<5	12	<100	<1	<1	62	250	<2	9.88	1.8	<1	<5	<5	14500	480	<30	<0.2	26	<5	<0.01	<0.05	<1	<0.5
DP44	<5	<5	<2	280	<1	2	8	89	<2	1.82	2.7	<1	<5	<5	18700	<50	<30	<0.2	6.6	<5	<0.01	<0.05	<1	7.3
DP45	10	<5	5	210	<1	2	35	130	<2	8.91	3.0	<1	<5	<5	28000	<50	<30	<0.2	37	<5	<0.02	<0.05	<1	<0.5

Activation Laboratories Ltd. Work Order: 4197 Report: 4206

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
DP46	<5	<5	<2	400	<1	<1	<5	130	<2	1.15	2.6	<1	<5	<5	19400	<50	37	<0.2	3.6	<5	<0.01	<0.05	<1	6.3
DP47	<5	<5	<2	130	<1	6	30	58	<2	11.7	2.0	<1	<5	<5	3590	<50	38	<0.2	16	<5	<0.01	0.10	<1	1.3
DP48	<5	<5	12	230	<1	3	38	95	<2	9.64	1.7	<1	<5	<5	21300	<50	44	<0.2	19	<5	<0.02	<0.05	<1	1.3
DP49	<5	<5	<2	290	<1	<1	6	82	<2	5.34	5.9	<1	<5	<5	18100	<50	58	<0.2	8.2	<5	<0.01	<0.05	<1	2.5
DP50	<5	<5	<2	310	<1	2	7	70	<2	6.34	5.9	<1	<5	<5	15700	<50	42	<0.2	8.2	<5	<0.01	<0.05	<1	2.3
BD1	<5	<5	<2	480	<1	<1	7	35	<2	2.89	3.5	<1	<5	<5	30000	<50	<30	<0.2	6.3	<5	<0.01	<0.05	<1	2.3
BD2	<5	<5	17	<100	<1	10	25	150	<2	6.66	2.1	<1	<5	<5	2500	170	<30	1.5	23	<5	<0.01	<0.05	<1	0.8
BD3	<5	<5	33	380	<1	3	60	92	4	10.2	1.9	<1	<5	<5	5870	<50	110	1.1	33	<5	<0.02	0.06	<1	2.2
BD4	<5	<5	17	300	<1	<1	21	300	<2	3.80	2.5	<1	<5	<5	18800	<50	110	<0.2	26	<5	<0.02	<0.05	2	1.7
BD5	8	<5	73	<100	<1	3	15	270	<2	6.34	1.8	<1	<5	<5	21400	<50	<30	1.5	18	<5	<0.02	<0.05	2	1.3
BD6	<5	<5	19	<100	<1	6	26	320	2	10.8	2.0	<1	<5	<5	1640	<50	45	1.0	18	<5	<0.01	<0.05	<1	1.3
BD7	<5	<5	<2	240	<1	2	9	160	<2	4.19	1.8	<1	<5	<5	4080	<50	49	<0.2	9.0	<5	<0.01	<0.05	<1	1.0
BD8	30	<5	90	<100	<1	1	85	240	<2	13.1	<0.5	<1	<5	<5	<500	<50	<30	<0.2	3.5	<5	<0.01	<0.05	<1	<0.5
BD9	<5	<5	8	<100	<1	2	39	47	<2	34.1	<0.5	<1	<5	<5	1420	<50	<30	0.3	9.0	<5	<0.01	0.08	<1	1.0
BD10	<5	<5	4	<100	<1	5	44	150	<2	13.2	3.9	<1	<5	<5	<500	160	<30	0.5	26	<5	<0.01	0.12	1	3.6
BD11	<5	<5	4	320	<1	5	16	110	<2	4.72	1.2	<1	<5	<5	32700	<50	58	<0.2	17	<5	<0.02	<0.05	<1	<0.5
BD12	10	<5	27	<100	1	4	22	53	<2	11.1	3.1	<1	<5	<5	5040	<50	<30	1.4	26	<5	<0.01	<0.05	<1	2.5
BD13	6	<5	200	<100	<1	6	75	52	3	16.7	3.0	<1	<5	<5	3940	<50	<30	2.6	26	<5	<0.02	<0.05	<1	1.7
BD14	<5	<5	48	<100	<1	2	10	71	<2	26.2	1.0	<1	<5	12	5900	160	59	0.9	9.7	<5	<0.01	<0.05	<1	1.1
BD15	37	<5	2	300	<1	3	21	35	<2	4.99	1.3	<1	<5	<5	59300	<50	<30	<0.2	19	<5	<0.02	<0.05	<1	1.7
BD16	16	<5	15	<100	<1	<1	21	150	<2	4.48	<0.5	<1	<5	6	39600	<50	<30	0.4	23	<5	<0.02	<0.05	<1	1.1
BD17	16	<5	71	280	<1	2	140	180	<2	14.1	1.5	<1	<5	<5	2950	<50	<30	0.8	23	<5	<0.01	<0.05	1	1.1
BD18	36	<5	100	<100	<1	3	21	51	<2	18.4	1.4	<1	<5	11	1260	<50	<30	0.2	16	<5	<0.01	<0.05	<1	0.8
BD19	9	<5	9	<100	<1	8	23	49	5	15.2	3.0	<1	<5	31	2110	<50	91	1.4	11	<5	<0.01	<0.05	<1	4.5
BD20	6	<5	13	<100	<1	7	63	160	<2	9.94	2.3	<1	<5	<5	11000	140	<30	0.7	25	<5	<0.01	<0.05	<1	1.2
BD21	<5	<5	3	<100	<1	2	12	52	<2	13.1	3.3	<1	<5	<5	4800	<50	<30	0.2	13	<5	<0.01	<0.05	<1	2.6
BD22	<5	<5	25	1200	<1	2	23	22	3	4.50	5.0	<1	<5	<5	17300	<50	110	<0.2	24	<5	<0.01	<0.05	<1	3.0
BD23	7	<5	<2	<100	<1	4	29	120	<2	2.45	2.4	<1	<5	<5	12300	<50	<30	<0.2	4.9	<5	<0.01	<0.05	<1	1.5
BD24	<5	<5	<2	<100	<1	<1	10	110	<2	0.69	<0.5	<1	<5	<5	<500	<50	<30	<0.2	1.6	<5	<0.01	<0.05	<1	<0.5
BD25	<5	<5	<2	200	<1	<1	9	63	4	3.40	3.4	<1	<5	<5	37400	<50	71	<0.2	12	<5	<0.02	<0.05	<1	3.2
BD26	67	<5	19	230	<1	<1	19	120	<2	3.96	1.7	<1	<5	33	18500	<50	57	<0.2	5.9	<5	<0.01	<0.05	<1	1.9
BD27	23	<5	28	800	<1	<1	30	230	2	6.09	2.7	<1	<5	<5	7330	<50	150	0.3	20	<5	<0.01	<0.05	<1	2.4
BD28	69	<5	20	<100	<1	1	20	190	<2	3.25	1.3	<1	<5	73	4810	<50	<30	<0.2	1.8	<5	<0.01	<0.05	<1	2.5
BD29	7	<5	32	<100	<1	1	45	140	<2	10.5	1.3	<1	<5	15	1550	<50	<30	0.3	8.5	<5	<0.01	<0.05	<1	0.7
BD30	<5	<5	3	320	<1	3	44	180	2	5.72	2.4	<1	<5	<5	20200	<50	49	<0.2	33	6	<0.01	<0.05	<1	1.5
BD31	27	<5	24	<100	<1	<1	100	190	2	25.9	1.4	<1	<5	<5	<500	<50	<30	0.3	38	<5	<0.01	<0.05	<1	<0.5
BD32	<5	<5	<2	<100	1	4	87	1700	5	12.6	1.9	<1	<5	<5	2470	800	<30	0.2	25	<5	<0.01	<0.05	<1	<0.5
BD33	<5	<5	11	310	<1	3	38	370	2	2.46	1.3	<1	<5	<5	12500	270	75	<0.2	25	<5	<0.01	<0.05	<1	<0.5
BD34	<5	<5	5	<100	<1	<1	16	110	<2	5.09	0.5	<1	<5	<5	<500	<50	<30	<0.2	12	<5	<0.01	<0.05	<1	<0.5
BD35	6	<5	10	<100	<1	5	47	110	<2	12.5	1.5	<1	<5	<5	8570	<50	<30	<0.2	19	7	<0.01	0.06	<1	0.9
BD36	<5	<5	12	170	<1	13	26	85	<2	8.63	1.9	<1	<5	<5	1860	<50	<30	0.7	20	<5	<0.01	<0.05	<1	1.2
BD37	6	<5	<2	220	<1	7	23	110	<2	9.63	2.4	<1	<5	<5	16800	<50	44	0.3	41	<5	<0.01	<0.05	<1	<0.5
BD38	4870	<5	4	<100	<1	<1	<5	97	<2	2.29	<0.5	<1	<5	<5	<500	<50	<30	<0.2	2.2	<5	<0.01	<0.05	<1	<0.5
BD39	10	<5	2	140	<1	4	18	74	<2	6.80	2.5	<1	<5	<5	6730	78	<30	0.2	5.8	<5	<0.01	<0.05	<1	2.6
BD40	19	<5	14	<100	<1	<1	27	65	<2	10.6	2.1	<1	<5	<5	14100	<50	<30	0.3	27	<5	<0.01	<0.05	<1	0.6

Activation Laboratories Ltd. Work Order: 4197 Report: 4206

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
BD41	2720	<5	22	<100	<1	3	13	50	<2	10.7	<0.5	<1	<5	30	641	<50	<30	<0.2	10	<5	<0.01	<0.05	<1	<0.5
BD42	46	<5	2	310	<1	<1	22	91	<2	2.29	2.0	<1	<5	<5	25500	<50	51	0.2	19	<5	<0.01	<0.05	<1	1.2
BD43	8	<5	74	<100	<1	2	11	88	<2	18.0	2.3	<1	<5	5	<500	<50	<30	0.6	22	<5	<0.01	<0.05	<1	1.0
BD44	5	<5	9	450	<1	<1	6	200	<2	1.49	4.7	<1	<5	<5	4140	64	42	0.4	2.5	<5	<0.01	<0.05	<1	2.8
BD45	<5	<5	2	320	<1	4	13	31	<2	7.69	3.3	<1	<5	<5	10700	<50	53	0.6	30	<5	<0.01	<0.05	<1	<0.5
BD46	<5	<5	3	130	<1	4	33	93	<2	10.9	2.0	<1	<5	<5	7500	<50	<30	0.5	24	<5	<0.01	<0.05	<1	1.0
BD47	6	<5	9	350	<1	1	32	2200	3	1.28	1.0	<1	<5	<5	16500	250	81	<0.2	29	<5	<0.01	<0.05	<1	<0.5
BD48	<5	<5	9	<100	1	<1	89	690	<2	16.5	0.9	<1	<5	<5	<500	250	<30	<0.2	26	<5	<0.01	<0.05	<1	<0.5
BD49	6	<5	<2	230	<1	<1	5	50	<2	5.12	6.7	<1	<5	<5	15200	<50	50	<0.2	8.8	<5	<0.01	<0.05	<1	2.8
BD50	<5	<5	<2	<100	<1	<1	15	82	3	11.9	2.4	<1	12	<5	15900	220	<30	0.3	16	<5	<0.02	<0.05	1	1.8
BD51	33	<5	34	<100	<1	<1	48	130	<2	5.82	2.7	<1	<5	<5	27300	<52	<30	0.3	28	<5	<0.03	<0.05	<1	<0.5

Activation Laboratories Ltd. Work Order: 4197 Report: 4206

Sample description	U PPM	W PPM	SN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
DP1	0.9	<4	<50	6	12	<5	1.7	0.9	0.6	1.87	0.31	30.00
DP2	<0.5	<4	<50	11	26	9	2.3	0.9	<0.5	1.30	0.19	30.00
DP3	<0.5	<4	203	4	9	<5	0.9	0.5	<0.5	1.01	0.23	30.00
DP4	<0.5	<4	120	12	32	<5	5.1	1.5	1.5	5.48	0.81	30.00
DP5	<0.5	4	<50	10	24	<5	2.2	0.7	<0.5	1.16	0.24	30.00
DP6	<0.5	<4	92	14	35	<5	3.0	1.2	<0.5	1.72	0.34	30.00
DP7	<0.5	<4	<50	18	39	<5	2.6	0.5	<0.5	2.14	0.35	30.00
DP8	<0.5	<4	67	5	15	<5	2.4	0.8	0.9	2.83	0.46	30.00
DP9	<0.5	<4	267	9	22	14	4.6	1.5	<0.5	5.09	0.75	30.00
DP10	<0.5	<4	128	6	15	<5	1.1	0.4	<0.5	0.92	0.20	30.00
DP11	<0.5	<4	130	1	5	<5	0.3	<0.2	<0.5	0.56	0.05	30.00
DP12	<0.5	<4	144	22	45	15	3.7	1.7	0.9	4.69	0.83	30.00
DP13	<0.5	4	149	1	6	<5	0.5	<0.2	<0.5	0.74	0.10	30.00
DP14	<0.5	35	177	21	49	28	4.2	1.5	<0.5	2.89	0.45	30.00
DP15	<0.5	21	93	2	4	<5	0.2	<0.2	<0.5	0.45	0.06	30.00
DP16	1.1	<4	115	13	32	<5	2.2	0.6	<0.5	1.75	0.29	30.00
DP17	<0.5	<4	99	14	33	11	2.4	0.7	0.6	1.20	0.26	30.00
DP18	<0.5	<4	112	16	32	18	2.8	1.0	<0.5	2.12	0.29	30.00
DP19	<0.5	<4	109	15	32	17	2.7	1.0	<0.5	2.17	0.36	30.00
DP20	<0.5	<4	102	18	44	21	2.8	0.9	<0.5	1.43	0.17	30.00
DP21	<0.5	<4	63	1	4	<5	0.2	<0.2	<0.5	0.23	<0.05	30.00
DP22	3.6	<4	63	10	24	13	2.7	0.5	<0.5	4.39	0.70	30.00
DP23	2.1	<4	193	12	25	10	2.5	0.5	0.6	3.56	0.62	30.00
DP24	1.1	<4	107	12	23	9	1.7	0.5	<0.5	2.01	0.34	30.00
DP25	<0.5	<4	149	8	13	12	1.4	0.7	<0.5	1.49	0.29	30.00
DP26	1.3	<4	<50	16	27	19	2.1	0.5	0.9	1.18	0.25	30.00
DP27	1.8	<4	122	30	67	26	5.3	1.3	<0.5	3.63	0.52	30.00
DP28	<0.5	<4	86	6	15	<5	1.0	0.4	<0.5	0.76	0.12	30.00
DP29	<0.5	31	58	<1	<3	<5	0.1	<0.2	<0.5	<0.05	<0.05	30.00
DP30	1.1	<4	76	17	38	15	2.5	0.3	0.5	2.16	0.36	30.00
DP31	<0.5	<4	159	22	47	21	3.8	1.2	<0.5	2.38	0.42	30.00
DP32	<0.5	<4	110	27	54	22	4.1	1.6	<0.5	2.29	0.39	30.00
DP33	1.1	<4	209	23	47	18	3.3	1.2	<0.5	2.62	0.46	30.00
DP34	<0.5	<4	157	23	48	21	3.8	1.8	<0.5	1.98	0.40	30.00
DP35	<0.5	<4	144	13	24	13	2.3	0.9	<0.5	1.52	0.27	30.00
DP36	<0.5	<4	121	38	83	47	9.8	3.0	0.9	1.92	0.31	30.00
DP37	<0.5	<4	260	7	13	6	1.3	0.9	<0.5	1.77	0.29	30.00
DP38	<0.5	<4	135	15	37	23	4.2	1.3	<0.5	0.56	0.10	30.00
DP39	<0.5	<4	165	5	12	6	2.0	0.9	<0.5	1.12	0.13	30.00
DP40	<0.5	<4	132	8	20	10	2.8	0.9	0.5	1.50	0.23	30.00
DP41	<0.5	<4	<50	9	16	8	1.1	0.4	<0.5	<0.05	0.06	30.00
DP42	<0.5	<4	121	5	11	<5	0.7	<0.2	<0.5	<0.05	<0.05	30.00
DP43	<0.5	<4	129	5	11	<5	1.4	0.7	<0.5	1.51	0.26	30.00
DP44	1.5	<4	<50	9	27	8	3.3	0.3	0.9	3.41	0.56	30.00
DP45	<0.5	<4	139	5	17	10	2.6	0.8	<0.5	3.55	0.56	30.00

Activation Laboratories Ltd. Work Order: 4197 Report: 4206

Sample description	U PPM	W PPM	SN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
DP46	2.4	<4	<50	20	41	16	3.5	0.5	<0.5	3.19	0.50	30.00
DP47	<0.5	<4	189	9	17	9	1.8	0.8	<0.5	1.50	0.28	30.00
DP48	<0.5	<4	<50	14	28	<5	2.1	0.8	<0.5	1.65	0.24	30.00
DP49	<0.5	<4	164	16	34	12	3.5	1.5	<0.5	3.17	0.48	30.00
DP50	<0.5	<4	104	19	41	16	4.4	1.7	1.2	3.57	0.57	30.00
BD1	1.5	<4	<50	23	43	15	3.3	1.1	<0.5	1.94	0.28	30.00
BD2	<0.5	<4	57	12	26	16	2.2	0.6	<0.5	1.75	0.29	30.00
BD3	<0.5	<4	148	16	38	<5	2.8	1.1	0.9	2.04	0.31	30.00
BD4	<0.5	<4	192	8	18	6	1.2	0.5	2.0	0.98	0.18	30.00
BD5	<0.5	<4	74	13	29	<5	2.0	0.6	<0.5	1.42	0.25	30.00
BD6	<0.5	<4	163	15	30	<5	2.1	0.8	1.1	1.79	0.31	30.00
BD7	<0.5	<4	<50	10	19	8	1.6	0.6	<0.5	1.50	0.20	30.00
BD8	<0.5	7	63	5	9	<5	0.6	<0.2	<0.5	0.51	0.08	30.00
BD9	<0.5	<4	184	7	16	9	1.3	0.5	<0.5	1.51	0.25	30.00
BD10	<0.5	<4	261	26	62	24	4.7	1.9	<0.5	2.61	0.40	30.00
BD11	<0.5	<4	106	11	21	<5	1.7	0.7	<0.5	0.89	0.16	30.00
BD12	0.6	6	122	21	48	22	3.6	1.9	<0.5	3.26	0.55	30.00
BD13	<0.5	140	180	26	55	18	4.3	2.0	<0.5	2.99	0.56	30.00
BD14	<0.5	<4	78	5	10	<5	0.9	0.4	<0.5	0.91	0.15	30.00
BD15	<0.5	<4	<50	15	27	17	2.1	0.8	<0.5	1.67	0.22	30.00
BD16	<0.5	<4	<50	9	14	7	1.4	0.5	<0.5	1.41	0.20	30.00
BD17	<0.5	<4	104	19	36	15	2.5	0.9	<0.5	3.14	0.50	30.00
BD18	<0.5	<4	73	11	24	10	2.1	1.3	0.6	1.82	0.31	30.00
BD19	1.6	<4	174	23	46	17	3.0	0.8	<0.5	2.78	0.44	30.00
BD20	<0.5	<4	119	18	35	15	3.0	1.5	0.6	1.68	0.29	30.00
BD21	<0.5	<4	161	23	51	21	3.8	1.1	<0.5	2.95	0.46	30.00
BD22	<0.5	<4	79	21	40	16	2.8	1.2	<0.5	2.15	0.34	30.00
BD23	1.1	<4	<50	16	28	8	2.1	0.6	0.6	1.67	0.28	30.00
BD24	<0.5	<4	<50	11	20	10	0.9	0.3	<0.5	0.32	0.06	30.00
BD25	<0.5	<4	121	38	65	21	4.3	1.2	<0.5	2.88	0.41	30.00
BD26	<0.5	5	<50	11	23	12	2.0	0.5	<0.5	1.79	0.30	30.00
BD27	<0.5	8	<50	12	25	9	2.0	0.5	<0.5	1.96	0.31	30.00
BD28	<0.5	25	58	13	29	12	1.9	0.2	<0.5	1.41	0.25	30.00
BD29	<0.5	<4	66	7	16	6	1.2	0.4	<0.5	0.91	0.16	30.00
BD30	1.2	<4	67	11	24	13	2.0	0.6	<0.5	1.76	0.25	30.00
BD31	<0.5	<4	149	9	16	6	1.8	1.0	<0.5	2.82	0.47	30.00
BD32	<0.5	<4	154	4	12	<5	1.6	0.7	0.6	1.26	0.21	30.00
BD33	<0.5	<4	63	6	13	<5	1.7	0.8	<0.5	1.18	0.19	30.00
BD34	<0.5	<4	<50	1	<3	<5	0.4	0.2	<0.5	0.62	0.11	30.00
BD35	<0.5	<4	102	10	21	11	1.9	0.8	<0.5	1.35	0.23	30.00
BD36	<0.5	<4	102	13	27	10	2.3	1.3	<0.5	1.47	0.28	30.00
BD37	<0.5	<4	<50	6	16	10	3.4	1.3	0.7	4.42	0.74	30.00
BD38	<0.5	<4	<50	1	<3	<5	0.2	<0.2	<0.5	0.28	0.10	30.00
BD39	<0.5	<4	131	14	33	14	2.9	0.7	<0.5	2.47	0.39	30.00
BD40	<0.5	<4	<50	4	10	7	1.8	0.9	0.6	2.81	0.49	30.00

Sample description	U PPM	W PPM	SN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
BD41	<0.5	<4	129	2	4	<5	0.2	<0.2	<0.5	0.85	0.14	30.00
BD42	<0.5	<4	<50	14	29	10	2.5	1.0	<0.5	2.09	0.38	30.00
BD43	<0.5	<4	76	11	24	10	1.9	0.8	<0.5	2.11	0.43	30.00
BD44	1.1	<4	435	14	31	13	2.5	0.5	0.5	2.58	0.46	30.00
BD45	<0.5	4	99	9	24	12	3.4	1.4	0.7	3.04	0.49	30.00
BD46	<0.5	<4	90	10	22	11	2.1	0.9	<0.5	1.81	0.29	30.00
BD47	<0.5	<4	143	4	8	<5	0.8	0.3	<0.5	0.81	0.17	30.00
BD48	<0.5	<4	128	5	11	<5	1.0	0.4	<0.5	1.36	0.28	30.00
BD49	0.9	<4	117	20	42	19	4.3	1.3	1.0	4.11	0.63	30.00
BD50	2.2	<4	166	13	30	15	2.0	0.4	<0.5	2.03	0.31	30.00
BD51	<0.5	<4	222	17	38	17	3.3	1.1	<0.5	2.00	0.38	30.00

TSL LABORATORIES

2 - 302 - 46th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4749

INVOICE #:
P.O.: TB2071

SAMPLE(S) OF Rock

	Cu ppm
B.D.-052	160
B.D.-053	<1
B.D.-054	26
B.D.-055	19
B.D.-056	92
B.D.-057	250
B.D.-058	<1
B.D.-059	46
B.D.-060	<1
B.D.-061	19
B.D.-062	370
B.D.-063	18
B.D.-064	3
B.D.-065	4
B.D.-066	6
B.D.-067	130
B.D.-068	65
B.D.-069	310
B.D.-070	110
B.D.-071	17

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: B. D'Silva, D. Parker

Sep 04/92

SIGNED

CTA

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4749

INVOICE #:

SAMPLE(S) OF Rock

P.O.: TB2071

	Cu ppm
B.D.-072	30
B.D.-073	150
B.D.-074	73
B.D.-075	460
B.D.-076	42
B.D.-077	22
B.D.-078	12
B.D.-079	5
B.D.-080	64
B.D.-081	42
B.D.-082	170
B.D.-083	71
B.D.-084	43
B.D.-085	100
B.D.-086	43
B.D.-087	34
D.P.-051	22
D.P.-052	73
D.P.-053	58
D.P.-054	1400

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: B. D'Silva, D. Parker

Sep 04/92

SIGNED Bernie Dunn

CTA

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4749

SAMPLE(S) OF Rock

INVOICE #:
P.O.: TB2071

	Cu ppm
D.P.-055	140
D.P.-056	260
D.P.-057	100
D.P.-058	120
D.P.-059	150
D.P.-060	100
D.P.-061	2600
D.P.-062	500
D.P.-063	65
D.P.-064	200
D.P.-065	530
D.P.-066	21
D.P.-067	760
D.P.-068	15
D.P.-069	110
D.P.-070	390
D.P.-071	130
D.P.-072	130
D.P.-073	20
D.P.-074	2

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: B. D'Silva, D. Parker

Sep 04/92

SIGNED _____

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4749

SAMPLE(S) OF Rock

INVOICE #:
P.O.: TB2071

	Cu ppm
D.P.-075	41
D.P.-076	3
D.P.-077	200
D.P.-078	410
D.P.-079	160
D.P.-080	370
D.P.-081	410
D.P.-082	140
D.P.-083	20
D.P.-084	6
D.P.-085	730
D.P.-086	460

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: B. D'Silva, D. Parker

Sep 04/92

SIGNED Bernie Denn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

Activation Laboratories Ltd. Work Order: 4433 Report: 4414

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SM %	SR %	TA PPM	TH PPM
B.D.-052	11	<5	<2	490	<1	4	27	36	<2	16.4	3	<1	<5	<5	32600	<50	<30	0.3	38	<5	<0.03	<0.05	<1	0.8
B.D.-053	<5	<5	<2	670	<1	<1	<5	43	3	1.18	6	<1	<5	<5	1680	<50	110	<0.2	7.4	<5	<0.01	<0.05	3	10
B.D.-054	<5	<5	6	<100	<1	<1	13	66	4	7.45	4	<1	<5	<5	5940	<50	44	<0.2	6.4	<5	<0.01	<0.05	2	5.4
B.D.-055	10	<5	22	<100	<1	<1	7	38	<2	11.4	5	<1	<5	<5	9880	<50	32	0.3	7.0	<5	<0.01	<0.05	1	6.7
B.D.-056	7	<5	5	<100	<1	5	8	29	2	21.4	3	<1	<5	<5	1370	110	<30	<0.2	5.0	<5	<0.01	<0.05	<1	4.1
B.D.-057	12	<5	20	130	<1	4	65	71	<2	17.5	<1	<1	<5	7	<500	<50	<30	<0.2	5.7	<5	<0.01	<0.05	<1	0.8
B.D.-058	<5	<5	7	230	<1	<1	6	65	<2	2.80	5	<1	<5	<5	11900	<50	63	0.3	7.0	<5	<0.01	<0.05	3	8.3
B.D.-059	8	<5	15	330	<1	<1	25	85	<2	7.69	5	<1	<5	<5	17900	<50	58	0.7	47	<5	<0.02	<0.05	<1	<0.5
B.D.-060	<5	<5	<2	400	<1	5	29	140	<2	5.83	3	<1	<5	<5	19600	<50	84	0.6	34	<5	<0.02	<0.05	<1	1.1
B.D.-061	<5	<5	180	270	<1	3	76	170	2	3.06	2	<1	<5	<5	25400	140	57	0.9	23	<5	<0.02	<0.05	<1	<0.5
B.D.-062	10	<5	44	210	2	4	42	150	<2	13.9	2	<1	<5	<5	5350	<50	<30	0.4	29	<5	<0.02	<0.05	<1	1.0
B.D.-063	<5	<5	5	<100	<1	6	38	60	<2	11.3	4	<1	<5	<5	15100	<50	<30	1.1	39	<5	<0.02	<0.05	<1	<0.5
B.D.-064	<5	<5	6	<100	<1	9	40	61	<2	10.4	3	<1	<5	<5	10900	<50	<30	0.7	39	<5	<0.02	<0.05	<1	<0.5
B.D.-065	<5	<5	4	220	<1	5	170	70	<2	12.2	3	<1	<5	<5	23500	<50	<30	0.7	40	<5	<0.02	<0.05	<1	0.6
B.D.-066	<5	<5	4	<100	<1	6	49	59	<2	8.95	3	<1	<5	7	15600	<50	<30	0.4	45	<5	<0.02	0.13	<1	<0.5
B.D.-067	<5	<5	4	<100	<1	3	32	98	<2	8.81	2	<1	<5	<5	4360	<50	<30	0.5	25	<5	<0.02	<0.05	<1	<0.5
B.D.-068	<5	<5	<2	<100	<1	<1	6	220	<2	1.73	<1	<1	<5	<5	4870	<50	<30	0.4	3.4	<5	<0.01	<0.05	<1	<0.5
B.D.-069	14	<5	22	450	<1	5	43	190	<2	8.27	2	<1	<5	<5	11200	<50	<30	1.2	42	<5	<0.02	<0.05	<1	0.7
B.D.-070	9	<5	7	250	<1	2	31	120	<2	4.71	9	<1	<5	<5	5430	<50	45	0.4	15	<5	<0.01	<0.05	<1	0.5
B.D.-071	11	<5	15	210	<1	2	20	83	3	3.91	4	<1	<5	<5	12900	<50	100	0.6	25	<5	<0.02	<0.05	<1	1.2
B.D.-072	218	<5	3	470	<1	5	12	120	<2	3.19	3	<1	<5	<5	20100	<50	<30	0.4	8.1	<5	<0.02	<0.05	<1	6.0
B.D.-073	<5	<5	39	320	<1	6	50	68	<2	9.26	4	<1	<5	<5	20200	<50	<30	1.1	32	<5	<0.02	<0.05	<1	1.4
B.D.-074	<5	<5	20	<100	<1	4	28	63	<2	12.1	5	<1	<5	12	12500	<50	<30	0.9	37	<5	<0.02	<0.05	1	1.7
B.D.-075	<5	<5	66	<100	<1	5	64	180	<2	10.3	2	<1	<5	<5	10600	220	<30	0.9	41	<5	<0.02	<0.05	<1	1.0
B.D.-076	<5	<5	4	270	<1	3	21	100	2	6.72	3	<1	<5	<5	20900	<50	88	1.4	25	<5	<0.01	<0.05	<1	1.3
B.D.-077	<5	<5	6	310	<1	<1	27	72	<2	7.50	3	<1	<5	7	36500	<50	<30	1.5	22	<5	<0.02	<0.05	<1	1.9
B.D.-078	730	<5	<2	290	2	<1	6	160	<2	1.45	3	<1	<5	<5	27900	<50	<30	0.4	3.3	<5	<0.01	<0.05	<1	1.3
B.D.-079	35	<5	<2	330	3	<1	7	130	<2	1.54	3	<1	<5	<5	33800	<50	66	0.6	4.5	<5	<0.02	<0.05	<1	1.4
B.D.-080	34	<5	3	530	<1	2	33	180	<2	6.49	5	<1	<5	<5	23400	<50	100	1.1	18	<5	<0.02	<0.05	<1	1.6
B.D.-081	49	<5	<2	250	<1	<1	6	100	<2	1.77	3	<1	<5	<5	31300	<50	<30	0.6	3.7	<5	<0.01	<0.05	<1	1.4
B.D.-082	<5	<5	8	270	<1	5	46	120	<2	11.3	3	<1	<5	<5	17100	<50	<30	<0.2	47	<5	<0.02	<0.05	<1	<0.5
B.D.-083	<5	<5	4	<100	<1	7	40	170	<2	8.88	3	<1	<5	<5	21500	<50	<30	<0.2	49	<5	<0.02	<0.05	<1	0.7
B.D.-084	<5	<5	4	<100	1	7	43	110	<2	11.0	2	<1	<5	<5	18700	<50	<30	0.6	42	<5	<0.02	<0.05	<1	<0.5
B.D.-085	<5	<5	5	150	<1	3	37	46	<2	19.6	3	<1	<5	10	10400	<50	<30	0.9	34	<5	<0.02	<0.05	<1	<0.5
B.D.-086	<5	<5	7	500	<1	4	23	86	<2	5.95	4	<1	<5	<5	13600	<50	82	0.5	17	<5	<0.02	<0.05	1	4.4
B.D.-087	<5	<5	7	<100	<1	3	28	49	<2	25.6	2	<1	<5	<5	846	<50	<30	0.5	29	<5	<0.02	<0.05	<1	0.8
D.P.-051	29	<5	4	290	<1	<1	20	29	<2	5.77	5	<1	<5	<5	19900	<50	67	0.8	20	<5	<0.02	<0.05	<1	2.3
D.P.-052	11	<5	22	310	<1	3	30	31	<2	6.54	4	<1	<5	<5	12700	<50	30	0.7	22	<5	<0.02	<0.05	<1	1.8
D.P.-053	35	<5	10	310	<1	<1	26	32	2	12.3	3	<1	<5	<5	<500	<50	30	0.6	21	<5	<0.02	<0.05	<1	1.3
D.P.-054	62	<5	83	270	<1	<1	210	93	<2	25.7	3	<1	<5	10	3250	<50	<30	1.1	28	<5	<0.02	<0.05	<1	<0.5
D.P.-055	<5	<5	3	<100	<1	<1	27	33	<2	15.3	3	<1	<5	<5	29500	<50	<30	0.7	35	<5	<0.02	<0.05	<1	<0.5
D.P.-056	19	<5	22	<100	<1	<1	68	110	<2	12.4	<1	<1	<5	<5	<500	<50	<30	0.9	13	<5	<0.01	<0.05	<1	<0.5
D.P.-057	9	<5	3	<100	<1	2	6	87	2	6.49	<1	<1	<5	<5	<500	<50	<30	0.6	9.3	<5	<0.01	<0.05	<1	<0.5
D.P.-058	12	<5	19	<100	<1	2	38	120	<2	6.88	1	<1	<5	<5	<500	62	<30	0.8	9.8	<5	<0.01	<0.05	<1	<0.5
D.P.-059	499	<5	18	<100	<1	2	10	69	2	11.2	<1	<1	<5	7	512	<50	<30	0.8	11	<5	<0.01	<0.05	<1	<0.5

Activation Laboratories Ltd. Work Order: 4433 Report: 4414

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
D.P.-060	512	<5	15	<100	2	2	11	87	<2	9.14	<1	<1	<5	32	<500	<50	<30	0.7	12	<5	<0.01	<0.05	<1	<0.5
D.P.-061	42	<5	260	<100	<1	4	370	130	<2	18.7	1	<1	<5	<5	888	<50	<30	1.3	23	38	<0.03	<0.05	<1	<0.5
D.P.-062	33	<5	15	<100	<1	3	90	74	<2	16.4	1	<1	<5	<5	591	200	<30	1.6	5.4	<5	<0.02	<0.05	<1	<0.5
D.P.-063	<5	<5	20	260	<1	3	22	260	<2	4.50	2	<1	<5	<5	19300	<50	<30	0.8	14	<5	<0.02	0.09	<1	<0.5
D.P.-064	<5	<5	18	330	<1	2	25	150	<2	10.7	3	<1	<5	<5	11800	<50	51	1.1	13	<5	<0.02	<0.05	<1	1.0
D.P.-065	14	<5	55	<100	<1	8	93	57	<2	17.5	3	<1	<5	<5	1740	<50	<30	1.1	36	<5	<0.02	<0.05	<1	<0.5
D.P.-066	<5	<5	4	200	<1	<1	18	71	<2	12.7	3	<1	<5	<5	22200	<50	<30	<0.2	39	<5	<0.03	<0.05	<1	0.8
D.P.-067	9	<5	29	<100	<1	7	78	41	<2	16.1	5	<1	<5	7	1310	<50	<30	1.0	31	<5	<0.02	<0.05	<1	<0.5
D.P.-068	<5	<5	5	<100	<1	5	43	67	<2	11.6	3	<1	<5	<5	17300	<50	<30	1.0	47	<5	<0.03	<0.05	<1	<0.5
D.P.-069	12	<5	8	220	<1	4	47	110	3	8.57	4	<1	<5	<5	23500	160	35	3.6	51	5	<0.03	<0.05	<1	0.8
D.P.-070	15	<5	20	<100	<1	3	86	110	<2	15.2	3	<1	<5	<5	7880	<50	<30	0.8	31	10	<0.02	<0.05	<1	0.5
D.P.-071	<5	<5	3	210	3	2	26	160	<2	5.13	2	<1	<5	<5	13700	<50	46	0.7	23	<5	<0.02	<0.05	1	1.1
D.P.-072	<5	<5	<2	<100	<1	4	28	100	<2	10.3	4	<1	<5	7	25700	<50	<30	0.6	49	<5	<0.02	<0.05	<1	0.9
D.P.-073	<5	<5	7	130	<1	6	7	24	<2	18.6	3	<1	<5	<5	3410	<50	32	0.8	4.4	<5	<0.01	<0.05	2	5.7
D.P.-074	10	<5	4	550	<1	2	23	350	2	6.51	3	<1	<5	<5	23500	130	92	1.0	24	<5	<0.02	<0.05	<1	0.9
D.P.-075	10	<5	4	250	<1	5	21	190	<2	5.80	3	<1	<5	<5	9370	<50	32	1.1	23	<5	<0.02	<0.05	<1	1.0
D.P.-076	15	<5	<2	<100	2	1	6	200	<2	3.30	11	<1	<5	<5	3350	<50	<30	0.6	20	<5	<0.01	<0.05	<1	<0.5
D.P.-077	<5	<5	62	580	<1	<1	14	56	<2	17.5	5	<1	<5	19	15900	<50	<30	3.8	21	<5	<0.02	<0.05	<1	1.0
D.P.-078	671	<5	110	300	<1	3	38	110	3	9.17	3	<1	<5	9	10100	<50	47	2.1	23	<5	<0.02	<0.05	<1	0.7
D.P.-079	17	<5	3	370	<1	4	21	55	<2	6.73	4	<1	<5	6	19300	<50	71	1.2	30	<5	<0.02	<0.05	<1	1.2
D.P.-080	<5	<5	4	230	<1	2	25	43	<2	8.30	4	<1	<5	37	27300	<50	<30	0.7	29	<5	<0.02	<0.05	<1	1.4
D.P.-081	12	<5	<2	6400	<1	<1	13	39	<2	2.57	5	<1	<5	9	27800	<50	58	0.8	2.8	<5	<0.01	<0.05	<1	1.3
D.P.-082	15	<5	4	700	<1	3	17	37	<2	7.24	4	<1	<5	17	27100	<50	59	0.8	18	<5	<0.02	<0.05	<1	1.9
D.P.-083	20500	23	3	<100	3	<1	12	180	<2	2.91	2	<1	<5	<5	23500	<50	<30	0.7	2.1	<5	<0.02	<0.05	<1	0.9
D.P.-084	82	<5	<2	270	<1	<1	<5	120	<2	1.23	3	<1	<5	10	32200	<50	<30	0.6	2.5	<5	<0.01	<0.05	<1	0.9
D.P.-085	42	<5	32	<100	<1	6	56	73	<2	16.3	3	<1	10	<5	12000	<50	<30	1.1	36	<5	<0.02	<0.05	<1	<0.5
D.P.-086	79	<5	7	<100	<1	<1	38	130	<2	13.1	1	<1	<5	<5	4520	<50	<30	0.7	8.4	16	<0.01	<0.05	<1	<0.5

Activation Laboratories Ltd. Work Order: 4433 Report: 4414

Sample description	U PPM	W PPM	SN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
B.D.-052	<0.5	<4	<50	5	11	8	2.4	0.8	<0.5	3.59	0.64	30.00
B.D.-053	3.7	<4	<50	19	38	24	6.5	0.6	1.7	7.76	1.24	30.00
B.D.-054	1.8	<4	106	15	27	17	3.6	0.5	0.9	3.96	0.69	30.00
B.D.-055	2.4	<4	202	7	15	13	1.7	0.3	0.8	3.15	0.62	30.00
B.D.-056	1.4	<4	105	17	27	19	3.2	0.5	<0.5	3.28	0.65	30.00
B.D.-057	<0.5	<4	205	7	12	<5	1.1	0.5	<0.5	1.21	0.28	30.00
B.D.-058	2.7	<4	52	14	27	19	5.1	0.5	1.4	6.29	1.07	30.00
B.D.-059	<0.5	<4	<50	12	23	12	5.2	1.5	<0.5	5.18	0.99	30.00
B.D.-060	<0.5	<4	149	18	27	20	3.1	1.3	<0.5	2.16	0.39	30.00
B.D.-061	<0.5	<4	<50	12	18	<5	2.0	0.6	<0.5	1.11	0.24	30.00
B.D.-062	<0.5	<4	302	12	20	17	2.0	0.8	<0.5	2.48	0.42	30.00
B.D.-063	<0.5	<4	<50	7	14	<5	3.5	1.1	<0.5	4.79	0.76	30.00
B.D.-064	<0.5	<4	77	8	13	13	3.6	1.6	1.4	4.44	0.79	30.00
B.D.-065	<0.5	<4	89	7	15	<5	3.3	0.9	1.1	4.20	0.70	30.00
B.D.-066	<0.5	<4	<50	8	14	10	3.5	1.2	<0.5	4.49	0.72	30.00
B.D.-067	<0.5	<4	101	5	10	14	2.4	0.8	<0.5	3.30	0.58	30.00
B.D.-068	<0.5	<4	<50	2	<3	<5	0.5	0.3	<0.5	0.43	0.07	30.00
B.D.-069	<0.5	<4	115	15	23	15	2.5	2.2	0.6	1.93	0.40	30.00
B.D.-070	<0.5	<4	<50	14	24	19	2.4	1.2	<0.5	1.72	0.37	30.00
B.D.-071	<0.5	8	<50	7	12	<5	1.5	0.7	<0.5	1.91	0.40	30.00
B.D.-072	1.3	5	93	61	88	76	9.3	2.7	<0.5	1.02	0.23	30.00
B.D.-073	<0.5	<4	123	24	40	35	4.0	1.4	<0.5	3.07	0.48	30.00
B.D.-074	<0.5	<4	113	22	38	33	4.3	1.5	<0.5	3.77	0.71	30.00
B.D.-075	<0.5	<4	108	14	24	<5	2.5	0.9	<0.5	2.69	0.50	30.00
B.D.-076	<0.5	<4	<50	25	41	24	4.3	1.5	<0.5	2.49	0.47	30.00
B.D.-077	<0.5	<4	101	23	37	34	3.8	1.1	<0.5	2.17	0.41	30.00
B.D.-078	<0.5	<4	<50	9	12	12	1.2	0.3	<0.5	0.56	0.11	30.00
B.D.-079	<0.5	<4	70	12	16	15	1.7	0.6	<0.5	0.67	0.13	30.00
B.D.-080	<0.5	5	123	73	110	76	11	2.9	1.2	1.16	0.26	30.00
B.D.-081	<0.5	<4	<50	16	22	10	1.8	0.5	<0.5	0.59	0.06	30.00
B.D.-082	<0.5	<4	<50	6	13	17	3.2	1.2	1.1	4.33	0.69	30.00
B.D.-083	<0.5	<4	<50	6	11	<5	3.1	1.2	0.9	3.68	0.67	30.00
B.D.-084	<0.5	<4	126	6	12	<5	2.9	1.0	<0.5	3.92	0.65	30.00
B.D.-085	<0.5	<4	177	7	14	12	3.1	1.1	1.0	4.63	0.74	30.00
B.D.-086	1.6	<4	107	25	43	32	4.4	1.0	0.9	3.52	0.68	30.00
B.D.-087	<0.5	<4	197	5	13	8	2.5	0.9	<0.5	3.07	0.54	30.00
D.P.-051	<0.5	<4	<50	26	41	32	4.1	1.3	<0.5	3.03	0.49	30.00
D.P.-052	<0.5	<4	99	19	33	25	3.3	1.1	<0.5	2.32	0.38	30.00
D.P.-053	<0.5	<4	174	19	29	22	3.0	0.9	<0.5	2.80	0.51	30.00
D.P.-054	<0.5	9	142	7	13	<5	2.7	1.0	1.0	3.89	0.65	30.00
D.P.-055	<0.5	<4	130	5	9	<5	2.2	0.8	1.0	3.53	0.60	30.00
D.P.-056	<0.5	<4	70	15	20	10	1.7	0.8	<0.5	2.33	0.38	30.00
D.P.-057	<0.5	<4	<50	4	6	<5	0.2	<0.2	<0.5	0.59	0.10	30.00
D.P.-058	<0.5	<4	60	9	13	9	1.0	0.6	<0.5	1.69	0.28	30.00
D.P.-059	<0.5	<4	98	3	<3	<5	0.3	<0.2	<0.5	0.79	0.21	30.00

Activation Laboratories Ltd. Work Order: 4433 Report: 4414

Sample description	U PPM	W PPM	SN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
D.P.-060	<0.5	<4	100	3	<3	<5	0.3	<0.2	<0.5	0.90	0.23	30.00
D.P.-061	<0.5	<4	124	4	12	<5	1.8	1.0	<0.5	2.68	0.42	30.00
D.P.-062	<0.5	<4	<50	5	8	7	0.6	<0.2	<0.5	0.82	0.17	30.00
D.P.-063	<0.5	<4	169	21	30	24	2.9	1.0	<0.5	1.86	0.36	30.00
D.P.-064	<0.5	<4	158	8	10	<5	1.3	0.5	<0.5	0.81	0.19	30.00
D.P.-065	<0.5	<4	82	7	15	<5	3.3	1.2	1.3	4.55	0.89	30.00
D.P.-066	<0.5	4	<50	6	14	<5	3.1	1.1	<0.5	4.12	0.65	30.00
D.P.-067	1.2	<4	79	5	8	<5	2.4	0.9	<0.5	4.01	0.70	30.00
D.P.-068	<0.5	4	<50	7	17	21	3.7	1.3	1.2	4.64	0.83	30.00
D.P.-069	<0.5	<4	143	7	13	<5	3.8	1.4	1.1	4.73	0.85	30.00
D.P.-070	<0.5	<4	<50	6	11	<5	2.9	1.2	0.9	3.87	0.64	30.00
D.P.-071	<0.5	4	<50	2	7	<5	1.5	0.6	<0.5	2.17	0.36	30.00
D.P.-072	<0.5	<4	<50	6	13	7	3.0	1.3	<0.5	3.67	0.67	30.00
D.P.-073	2.2	<4	138	16	25	20	3.3	0.4	<0.5	4.53	0.86	30.00
D.P.-074	<0.5	<4	<50	15	21	18	2.5	0.9	<0.5	1.52	0.22	30.00
D.P.-075	<0.5	<4	<50	16	27	19	3.1	1.2	1.0	3.65	0.58	30.00
D.P.-076	<0.5	<4	<50	6	10	11	1.0	0.5	<0.5	1.47	0.27	30.00
D.P.-077	<0.5	8	<50	6	10	<5	1.1	0.5	<0.5	1.59	0.37	30.00
D.P.-078	<0.5	<4	56	19	32	28	3.0	0.9	<0.5	2.01	0.43	30.00
D.P.-079	<0.5	<4	<50	23	40	30	4.3	1.5	<0.5	3.05	0.52	30.00
D.P.-080	<0.5	<4	<50	23	40	29	4.2	1.2	<0.5	2.94	0.50	30.00
D.P.-081	<0.5	<4	<50	11	14	<5	1.3	0.7	<0.5	0.50	<0.05	30.00
D.P.-082	<0.5	<4	<50	17	27	14	2.8	0.9	0.8	1.74	0.32	30.00
D.P.-083	<0.5	<4	<50	8	17	8	1.1	0.4	<0.5	0.42	0.09	30.00
D.P.-084	<0.5	<4	<50	7	10	<5	1.1	<0.2	<0.5	0.44	0.09	30.00
D.P.-085	<0.5	<4	125	7	14	<5	2.9	1.1	1.4	4.35	0.72	30.00
D.P.-086	<0.5	<4	<50	3	4	<5	0.9	<0.2	<0.5	0.91	0.16	30.00

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4910

INVOICE #: 20242
P.O.: TB2111

SAMPLE(S) OF Rock

	Cu ppm
BD-088	390
BD-089	59
BD-090	3
BD-091	28
BD-092	230
BD-093	7
BD-094	7
BD-095	3
BD-096	15
BD-097	18
BD-098	5
BD-099	4
BD-100	6
BD-101	190
BD-102	150
BD-103	1500
BD-104	66
BD-105	46
BD-106	3000
BD-107	93

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: B. D'Silva, D. Parker

Oct 26/92

SIGNED Bernie Dunn

CTA

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4910

INVOICE #: 20242
P.O.: TB2111

SAMPLE(S) OF Rock

	Cu ppm
BD-108	120
BD-109	77
BD-110	350
BD-111	34
BD-112	84
BD-113	33
BD-114	32
BD-115	9
BD-116	9
DP-087	220
DP-088	200
DP-089	76
DP-090	84
DP-091	26
DP-092	30
DP-093	780
DP-094	61
DP-095	85
DP-096	11
DP-097	55

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: B. D'Silva, D. Parker

Oct 26/92

SIGNED Bernie Dunn

CTA

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REPORT No.
S4910

INVOICE #: 20242
P.O.: TB2111

SAMPLE(S) OF Rock

	Cu ppm
DP-098	9
DP-099	26
DP-100	14
DP-101	15
DP-102	710
DP-103	15
DP-104	460
DP-105	390
DP-106	680
DP-107	750
DP-108	240
DP-109	13
DP-110	210
DP-111	5
DP-112	130
DP-113	14
DP-114	25
DP-115	16
DP-116	2

COPIES TO: B. D'Silva, D. Parker
INVOICE TO: B. D'Silva, D. Parker

Oct 26/92

SIGNED Bernie Dunn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

Activation Laboratories Ltd. Work Order: 4603 Report: 4577

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
BD-088	14	<5	7	<100	<1	2	41	110	<2	10.4	2	<1	<5	5	4740	<50	44	<0.2	31	<5	0.07	<0.05	<1	<0.5
BD-089	15	<5	3	<100	<1	3	56	78	<2	10.1	2	<1	<5	<5	17100	<50	<30	0.3	35	<5	<0.01	<0.05	<1	<0.5
BD-090	20	<5	<2	1300	<1	<1	<5	48	2	1.04	2	<1	<5	<5	29600	<50	<30	<0.2	2.1	<5	<0.01	<0.05	<1	1.2
BD-091	14	<5	<2	<100	<1	<1	14	150	<2	5.21	1	<1	<5	<5	11700	<50	<30	0.4	8.2	<5	<0.01	<0.05	<1	0.8
BD-092	236	<5	3	130	<1	1	12	200	<2	5.29	<1	<1	<5	<5	500	<50	<30	0.4	5.8	<5	<0.01	<0.05	<1	<0.5
BD-093	66	<5	<2	170	<1	<1	<5	54	<2	1.45	2	<1	<5	<5	65500	<50	31	<0.2	2.1	<5	<0.01	<0.05	<1	1.0
BD-094	108	<5	<2	150	<1	<1	<5	72	<2	1.08	3	<1	<5	<5	53500	<50	<30	<0.2	1.9	<5	<0.01	<0.05	<1	<0.5
BD-095	138	<5	<2	150	<1	<1	<5	130	<2	1.14	2	<1	<5	<5	36100	<50	31	0.2	1.3	<5	<0.01	<0.05	<1	2.5
BD-096	77	<5	<2	<100	<1	<1	<5	96	<2	1.08	3	<1	<5	<5	52400	<50	<30	<0.2	1.7	<5	<0.01	<0.05	<1	1.4
BD-097	<5	<5	<2	320	<1	<1	<5	160	<2	0.95	2	<1	<5	<5	28300	<50	47	0.3	1.2	<5	<0.01	<0.05	<1	0.6
BD-098	<5	<5	<2	<100	<1	<1	<5	130	<2	1.11	2	2	<5	<5	30500	<50	59	0.2	1.6	<5	<0.01	<0.05	<1	<0.5
BD-099	103	<5	<2	<100	<1	<1	<5	95	<2	0.77	1	<1	<5	<5	46400	<50	<30	0.2	1.2	<5	<0.01	<0.05	<1	0.7
BD-100	968	<5	<2	<100	2	<1	<5	340	<2	1.71	<1	<1	<5	<5	6000	<50	<30	<0.2	0.8	<5	<0.01	<0.05	<1	0.7
BD-101	15	<5	12	400	<1	<1	32	110	<2	8.41	4	<1	<5	<5	43600	<50	41	0.9	37	<5	<0.01	<0.05	<1	<0.5
BD-102	15	<5	7	210	<1	<1	8	140	<2	2.62	2	<1	<5	5	17800	<50	39	0.3	3.5	<5	<0.01	<0.05	<1	1.1
BD-103	20	<5	19	330	<1	<1	51	93	<2	15.3	2	<1	<5	<5	6560	98	47	0.3	20	<5	<0.01	<0.05	<1	1.1
BD-104	<5	<5	4	320	<1	<1	11	68	<2	1.34	4	<1	<5	<5	12300	<50	76	<0.2	7.5	<5	<0.01	<0.05	2	7.6
BD-105	110	<5	5	230	<1	<1	44	110	<2	8.34	3	<1	<5	<5	21800	<50	77	0.5	39	<5	<0.01	<0.05	<1	<0.5
BD-106	22	<5	<2	200	<1	3	52	79	<2	9.83	3	<1	<5	27	26500	<50	51	0.6	34	<5	<0.01	<0.05	1	0.5
BD-107	<5	<5	6	180	<1	<1	24	57	<2	7.66	4	<1	<5	<5	19300	<50	35	<0.2	38	<5	<0.01	<0.05	<1	0.8
BD-108	<5	<5	7	220	<1	7	20	86	<2	7.73	3	<1	<5	<5	11900	<50	<30	0.4	39	<5	<0.01	<0.05	<1	0.5
BD-109	280	<5	<2	210	<1	4	27	83	<2	5.83	2	<1	<5	<5	21500	<50	<30	0.3	23	<5	<0.01	<0.05	<1	0.6
BD-110	260	<5	2	180	<1	3	30	140	<2	5.76	2	<1	<5	<5	28900	100	<30	0.4	22	<5	<0.01	<0.05	<1	0.6
BD-111	473	<5	<2	<100	<1	1	12	88	<2	3.47	<1	<1	<5	<5	18900	<50	<30	0.2	9.8	<5	<0.01	<0.05	<1	0.8
BD-112	3570	<5	<2	<100	<1	5	41	81	<2	7.97	2	<1	<5	28	42100	<50	<30	0.7	22	<5	<0.01	<0.05	<1	3.5
BD-113	750	<5	<2	<100	1	<1	<5	140	<2	1.06	<1	<1	<5	<5	3950	<50	<30	<0.2	0.9	<5	<0.01	<0.05	<1	3.0
BD-114	35	<5	<2	160	1	<1	5	90	<2	0.74	3	<1	<5	<5	46900	<50	<30	<0.2	1.6	<5	<0.01	<0.05	<1	3.3
BD-115	19	<5	<2	230	1	<1	8	44	<2	4.24	4	<1	<5	<5	13500	<50	36	<0.2	10	<5	<0.01	<0.05	1	2.8
BD-116	12	<5	3	220	<1	<1	12	69	<2	3.41	4	<1	<5	<5	14000	<50	61	<0.2	12	<5	<0.01	<0.05	<1	3.1
DP-087	16	<5	2	250	<1	<1	97	1000	<2	16.2	1	<1	<5	<5	<500	800	<30	<0.2	4.8	<5	<0.01	<0.05	<1	<0.5
DP-088	<5	<5	5	<100	<1	4	96	1300	<2	15.5	1	<1	<5	<5	<500	800	<30	<0.2	22	<5	<0.01	<0.05	<1	0.8
DP-089	23	<5	15	190	<1	<1	11	74	<2	1.54	3	<1	<5	<5	2200	75	43	0.3	5.4	<5	<0.01	<0.05	1	6.1
DP-090	22	<5	10	<100	<1	<1	26	53	<2	1.17	3	<1	<5	<5	13500	120	<30	<0.2	31	<5	<0.01	<0.05	<1	1.3
DP-091	70	<5	<2	1200	<1	<1	7	67	<2	2.95	2	<1	<5	15	24900	<50	58	0.3	9.4	<5	<0.01	<0.05	<1	1.7
DP-092	69200	<5	6	520	<1	<1	39	52	2	18.6	4	<1	<5	40	13100	<50	56	0.9	34	6	<0.02	<0.05	<1	<0.5
DP-093	323	<5	6	270	<1	7	72	67	<2	18.5	4	<1	<5	<5	17400	<50	<30	0.9	44	<5	<0.01	<0.05	1	1.3
DP-094	9	<5	2	180	<1	1	31	93	<2	8.89	4	<1	<5	<5	33100	<50	31	1.4	32	<5	<0.01	<0.05	1	1.9
DP-095	19	<5	7	420	<1	4	120	1800	<2	10.1	2	<1	<5	<5	7580	380	77	<0.2	64	<5	<0.01	<0.05	<1	<0.5
DP-096	7	<5	<2	<100	1	1	34	690	<2	1.93	<1	<1	<5	<5	15800	97	<30	<0.2	15	<5	<0.01	<0.05	<1	<0.5
DP-097	132	<5	<2	100	<1	<1	<5	210	<2	0.72	<1	<1	<5	<5	19900	<50	<30	<0.2	0.9	<5	<0.01	<0.05	<1	20
DP-098	910	<5	<2	7600	<1	<1	<5	160	<2	0.94	3	<1	<5	<5	25500	<50	<30	<0.2	1.0	<5	<0.01	<0.05	<1	<0.5
DP-099	162	<5	<2	180	<1	<1	<5	100	<2	0.95	2	<1	<5	<5	32700	<50	32	<0.2	1.4	<5	<0.01	<0.05	<1	0.8
DP-100	9920	<5	<2	170	2	<1	6	190	<2	3.08	3	<1	<5	<5	38800	<50	<30	<0.2	1.4	<5	<0.01	<0.05	<1	0.8
DP-101	1770	<5	2	440	<1	2	16	310	<2	3.31	3	<1	<5	<5	36100	110	60	0.3	22	<5	<0.01	<0.05	<1	2.1
DP-102	48	<5	46	<100	<1	<1	39	110	<2	11.4	3	<1	<5	11	<500	87	<30	<0.2	7.4	<5	<0.01	<0.05	<1	<0.5

Activation Laboratories Ltd. Work Order: 4603 Report: 4577

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
DP-103	25	<5	<2	180	1	<1	<5	210	<2	1.18	1	<1	<5	<5	13000	<50	<30	<0.2	3.8	<5	<0.01	<0.05	<1	<0.5
DP-104	24	<5	3	<100	<1	3	33	130	<2	5.79	2	<1	<5	<5	29800	<50	<30	0.8	18	<5	<0.01	<0.05	<1	6.5
DP-105	31	<5	6	270	<1	3	39	140	<2	6.61	2	<1	<5	14	15600	<50	82	0.5	37	<5	<0.01	<0.05	<1	<0.5
DP-106	2630	<5	<2	240	<1	<1	<5	150	<2	1.45	4	<1	<5	150	55300	<50	38	0.2	2.1	<5	<0.01	<0.05	<1	0.9
DP-107	1850	<5	<2	250	<1	<1	<5	160	<2	1.98	4	<1	<5	170	56700	<50	<30	0.3	2.2	<5	<0.01	<0.05	<1	0.8
DP-108	145	<5	<2	200	1	5	21	130	<2	5.31	2	<1	<5	<5	16000	<50	78	1.2	21	<5	<0.01	<0.05	<1	1.3
DP-109	100	<5	<2	320	<1	1	<5	150	<2	0.77	3	<1	<5	<5	28800	<50	54	0.3	2.6	<5	<0.01	<0.05	<1	1.3
DP-110	92600	18	<2	<100	<1	4	28	88	<2	5.54	3	<1	<5	8	25400	<50	74	0.9	18	<5	<0.03	<0.05	<1	3.8
DP-111	2100	<5	<2	270	2	9	36	130	<2	7.43	3	<1	<5	7	20500	<50	42	0.7	24	<5	<0.01	<0.05	<1	2.0
DP-112	3720	7	<2	660	1	7	46	120	<2	6.75	3	<1	<5	<5	25000	79	40	0.6	24	<5	<0.01	<0.05	<1	1.9
DP-113	2230	<5	11	140	<1	19	35	36	<2	9.50	1	<1	<5	53	15100	<50	<30	0.5	12	<5	<0.02	<0.05	<1	41
DP-114	16600	<5	<2	160	<1	3	30	100	<2	7.20	3	<1	<5	14	33600	<50	<30	0.5	21	<5	<0.01	<0.05	<1	2.0
DP-115	530	<5	<2	<100	3	6	30	92	<2	5.35	3	<1	<5	INT	20600	<50	<30	0.5	7.9	<5	<0.01	<0.05	<1	8.9
DP-116	559	<5	<2	<100	<1	2	<5	66	<2	1.35	2	<1	<5	<5	47200	<50	<30	0.2	2.7	<5	<0.01	<0.05	<1	0.8

Activation Laboratories Ltd. Work Order: 4603 Report: 4577

Sample description	U PPM	W PPM	SN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
BD-088	<0.5	<4	<50	4	11	8	1.8	0.6	<0.5	3.10	0.49	35.02
BD-089	<0.5	<4	<50	5	11	<5	2.5	1.0	<0.5	3.80	0.57	32.01
BD-090	<0.5	<4	<50	17	20	9	1.7	0.5	<0.5	0.22	<0.05	27.12
BD-091	<0.5	<4	67	4	9	<5	1.3	0.4	<0.5	1.10	0.18	32.68
BD-092	<0.5	<4	93	3	7	<5	0.8	0.3	<0.5	0.75	0.12	32.69
BD-093	1.0	9	<50	6	11	8	1.4	0.3	<0.5	0.46	0.09	30.69
BD-094	1.4	6	<50	7	15	6	1.1	<0.2	<0.5	0.27	<0.05	31.24
BD-095	0.8	<4	<50	4	8	6	0.9	0.3	<0.5	0.29	<0.05	32.91
BD-096	<0.5	<4	<50	4	12	<5	1.2	0.3	<0.5	0.39	<0.05	33.10
BD-097	<0.5	<4	<50	4	7	<5	0.7	0.2	<0.5	0.29	<0.05	31.97
BD-098	<0.5	<4	<50	5	9	<5	0.8	0.2	<0.5	0.22	<0.05	29.05
BD-099	<0.5	<4	<50	11	13	<5	1.2	0.4	<0.5	0.16	<0.05	28.13
BD-100	<0.5	<4	<50	13	29	13	1.9	0.5	<0.5	0.11	<0.05	35.63
BD-101	<0.5	6	<50	7	20	11	3.0	1.1	<0.5	4.10	0.74	33.68
BD-102	0.7	<4	<50	10	16	11	1.4	0.5	<0.5	0.74	0.12	34.70
BD-103	<0.5	<4	380	10	21	9	1.7	0.6	<0.5	1.92	0.38	43.06
BD-104	3.7	<4	<50	21	41	16	4.4	0.6	1.0	3.98	0.62	30.56
BD-105	<0.5	4	130	5	15	10	2.7	0.7	<0.5	3.71	0.63	33.39
BD-106	<0.5	<4	58	4	13	6	1.7	0.7	1.0	3.68	0.63	34.26
BD-107	<0.5	<4	53	6	19	9	2.6	0.8	1.0	4.94	0.90	35.59
BD-108	<0.5	<4	110	7	17	10	3.0	1.0	0.7	4.20	0.69	39.38
BD-109	<0.5	10	144	3	8	5	1.8	0.6	0.8	2.49	0.43	38.41
BD-110	<0.5	7	82	3	13	<5	2.0	0.7	<0.5	2.46	0.47	38.30
BD-111	<0.5	5	<50	5	7	<5	1.3	0.5	<0.5	0.79	0.12	41.53
BD-112	3.0	22	<50	11	24	10	2.2	1.0	<0.5	1.67	0.39	40.11
BD-113	1.3	<4	<50	1	5	<5	0.4	<0.2	<0.5	0.24	<0.05	43.27
BD-114	1.3	<4	<50	7	18	5	1.6	<0.2	<0.5	1.21	0.21	36.67
BD-115	1.3	<4	<50	23	43	17	2.9	0.7	<0.5	1.77	0.31	34.23
BD-116	<0.5	<4	<50	19	38	13	2.8	0.6	<0.5	2.02	0.30	30.68
DP-087	<0.5	<4	57	5	11	<5	1.3	0.4	<0.5	0.60	0.12	40.34
DP-088	<0.5	<4	101	5	15	6	1.5	0.8	<0.5	1.03	0.15	33.26
DP-089	5.0	<4	<50	21	57	19	4.8	0.9	1.3	6.45	1.16	32.71
DP-090	<0.5	<4	<50	17	36	<5	3.4	1.3	0.6	1.61	0.25	27.99
DP-091	<0.5	4	<50	15	29	<5	2.0	0.6	<0.5	1.69	0.28	30.76
DP-092	<0.5	20	<50	16	24	21	3.5	2.0	1.9	3.34	0.64	35.40
DP-093	<0.5	<4	232	29	51	24	4.0	1.5	1.0	4.22	0.70	39.98
DP-094	1.2	<4	106	16	36	15	3.8	1.2	<0.5	4.58	0.71	37.33
DP-095	<0.5	<4	130	4	16	<5	1.2	0.2	<0.5	1.74	0.30	29.55
DP-096	<0.5	<4	<50	3	6	<5	0.7	0.3	<0.5	0.86	0.12	35.88
DP-097	1.3	<4	<50	16	33	16	4.3	1.2	<0.5	0.45	<0.05	33.58
DP-098	<0.5	<4	<50	4	7	<5	0.6	<0.2	<0.5	0.22	<0.05	31.45
DP-099	<0.5	<4	<50	5	7	<5	0.7	<0.2	<0.5	0.15	<0.05	36.14
DP-100	<0.5	<4	<50	6	13	7	1.1	0.3	<0.5	0.25	0.10	31.08
DP-101	<0.5	<4	<50	20	47	16	3.3	1.0	<0.5	1.73	0.32	30.93
DP-102	<0.5	<4	102	2	<3	<5	0.5	<0.2	<0.5	1.26	0.21	38.72

Activation Laboratories Ltd. Work Order: 4603 Report: 4577

Sample description	U PPM	W PPM	SN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
DP-103	<0.5	<4	<50	3	6	<5	0.5	<0.2	<0.5	0.28	<0.05	34.35
DP-104	<0.5	11	<50	6	19	19	7.1	3.4	4.2	9.50	1.02	35.34
DP-105	<0.5	6	<50	5	11	<5	2.2	0.9	<0.5	2.66	0.42	32.75
DP-106	<0.5	12	<50	4	9	<5	1.0	0.3	<0.5	0.43	0.08	32.78
DP-107	0.9	10	<50	5	8	6	1.0	0.3	<0.5	0.47	0.06	29.41
DP-108	<0.5	4	<50	17	36	18	3.5	1.1	0.5	2.04	0.35	25.90
DP-109	<0.5	5	<50	6	10	<5	0.6	0.2	<0.5	0.31	<0.05	30.49
DP-110	<0.5	19	72	17	25	12	2.7	2.2	<0.5	1.73	0.24	33.60
DP-111	<0.5	15	78	23	57	23	5.4	1.6	0.7	2.89	0.44	30.40
DP-112	<0.5	19	97	20	45	24	4.1	1.3	<0.5	2.67	0.41	33.78
DP-113	<0.5	18	199	200	470	290	62	20.5	2.1	2.72	0.41	33.72
DP-114	2.1	12	<50	17	40	15	3.3	1.1	0.6	2.28	0.36	35.57
DP-115	2.8	12	55	82	150	70	11	3.0	1.0	1.21	0.19	30.94
DP-116	<0.5	6	<50	2	5	<5	0.9	0.4	<0.5	0.33	<0.05	30.72

Laboratoires TSL/ASSAYERS Laboratories

780 AV. DU CUIVRE C.P. 665 ROUYN-NORANDA QUEBEC J9X 5C6

PHONE #: 819-797-4653 FAX #: 819-797-4501

B.D'SILVA/D.PARKER
THUNDER BAY ONT.
TB-2119
ATTN:PARKER

REPORT No. : T2160
Page No. : 1 of 1
File No. : NO04RA
Date : NOV-23-1992

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	MnO %	P2O5 %	Ba ppm	Sr ppm	Zr ppm	Y ppm	Sc ppm	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni ppm	V ppm	Zn ppm	Nb ppm	LOI %	TOTAL %
DP-117	57.52	14.93	6.55	6.09	4.71	2.92	1.82	0.61	0.16	0.20	220	240	100	14	22	2	25	195	95	105	155	70	< 30	2.14	97.65
DP-118	36.56	8.34	34.38	7.58	3.08	0.16	0.08	0.32	0.31	0.14	30	100	50	6	14	2	30	240	415	35	80	90	< 30	6.65	97.61
DP-119	33.36	9.62	35.56	8.10	3.76	0.13	0.12	0.30	0.40	0.08	< 10	110	70	12	15	2	55	215	325	45	95	135	< 30	6.50	97.92
DP-120	28.60	5.97	10.76	27.74	2.57	1.13	0.66	0.21	0.30	0.08	70	180	40	2	8	2	15	115	295	80	50	1195	< 30	12.97	91.00
DP-121	56.56	14.97	8.35	7.01	3.93	3.18	1.10	0.46	0.23	0.18	160	230	80	10	17	2	10	335	35	130	145	80	< 30	2.59	98.55
DP-122	40.68	16.00	14.33	11.30	6.26	0.97	0.62	0.54	0.34	0.06	80	230	100	10	25	2	20	360	55	130	170	80	< 30	6.66	97.75
DP-123	51.97	13.24	9.77	10.13	3.92	2.70	0.66	0.45	0.30	0.16	80	170	80	12	17	2	20	215	100	140	120	60	< 30	4.95	98.25
DP-124	46.52	12.09	13.32	10.79	3.29	2.59	0.12	0.48	0.30	0.16	30	200	80	14	18	2	40	195	225	55	190	130	< 30	2.90	92.55
DP-125	55.81	16.95	7.98	3.07	6.36	1.60	2.70	0.59	0.15	0.10	390	80	100	12	22	2	20	270	70	105	180	80	< 30	3.79	99.10
DP-126	58.31	15.87	7.03	3.91	6.72	1.19	2.20	0.55	0.13	0.10	330	160	100	14	21	2	25	260	15	115	150	85	< 30	3.79	99.79
DP-127	46.44	11.12	17.97	10.23	3.34	0.58	0.56	0.41	0.39	0.12	60	130	80	12	20	2	15	170	305	85	135	80	< 30	3.23	94.39
DP-128	36.17	9.95	30.48	6.75	3.02	0.52	0.14	0.34	0.30	0.14	30	140	50	8	16	2	45	200	410	15	95	55	< 30	7.03	94.84
DP-129	37.45	10.81	28.83	10.57	2.79	0.38	0.64	0.35	0.34	0.12	80	150	60	6	15	2	100	225	525	45	100	65	< 30	5.62	97.92
DP-130	37.27	11.98	27.27	10.69	3.53	0.46	0.10	0.38	0.40	0.08	30	190	70	12	18	2	70	285	320	70	115	75	< 30	5.48	97.65
DP-131	50.16	15.52	8.92	8.81	6.72	1.75	1.14	0.49	0.19	0.10	140	270	80	8	21	2	30	350	135	140	155	70	< 30	4.01	97.79
DP-132	54.96	17.22	6.83	6.92	5.14	3.56	1.14	0.52	0.14	0.10	170	290	90	10	20	2	20	395	100	140	145	55	< 30	2.85	99.39
DP-133	52.28	17.80	7.13	6.24	5.82	3.06	1.78	0.55	0.13	0.18	250	290	90	10	24	2	30	385	65	160	160	45	< 30	2.91	97.89

SIGNED :

TSL/92

ACTLABS

ACTIVATION LABORATORIES LTD

Invoice No.: 4206
Work Order: 4197
Invoice Date: 05-AUG-92
Date Submitted: 10-JUL-92
Your Reference: TB-1956
Account Number: 115

TSL ENVIRONMENTAL-SASKATOON
202 48TH STREET
SASKATOON, SASKATCHEWAN
S7K 6A4
ATTN: BERNIE DUNN

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	100.	PPM
BR	1.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	1.	PPM
IR	5.	PPB	MO	5.	PPM	NA	500.	PPM	NI	50.	PPM
RB	30.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	5.	PPM
SN	0.01	%	SR	0.05	%	TA	1.	PPM	TH	0.5	PPM
U	0.5	PPM	W	4.	PPM	ZN	50.	PPM	LA	1.	PPM
CE	3.	PPM	ND	5.	PPM	SM	0.1	PPM	EU	0.2	PPM
TB	0.5	PPM	YB	0.05	PPM	LU	0.05	PPM			

CERTIFIED BY :

DR. ERIC L. HOFFMAN

T S L LABORATORIES

2-302-48th STREET
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

INVOICE NO. 19634

July 14 1992

TO: B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REF. NO. S-4412
P.O. # TB1956

D011
GST NUMBER: R132862640

CODE		DESCRIPTION	UNIT PRICE	TOTAL
2	101	Au Plus 34 element / Prep	$ 15.00	$ 1515.00
1	1	Cu Assay	8.25	8.25
		Subtotal		1523.25
13		GST @ 7%		106.63
				$ 1629.88

Pd Sept 16/92 CH#457

PLEASE ENCLOSE COPY OF INVOICE WITH PAYMENT - TERMS NET 30 DAYS

T S L LABORATORIES

2-302-48th STREET
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

INVOICE NO. 20170

Sept 28 1992

TO: B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REF. NO. S-4749
P.O. # TB2071

D011
GST NUMBER: R132862640

CODE		DESCRIPTION	UNIT PRICE	TOTAL
2	72	Au/33 element Package/Cu Det'n/Prep	$ 15.00	$ 1080.00
		Subtotal		1080.00
13		GST @ 7%		75.60
				$ 1155.60

PD Oct 4/92 #462

PLEASE ENCLOSE COPY OF INVOICE WITH PAYMENT - TERMS NET 30 DAYS

DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED
2-302-48th STREET
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

INVOICE NO. 20242

Oct 26 1992

TO: B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REF. NO. S-4910
P.O. # TB2111

D011
GST NUMBER: R132862640

CODE		DESCRIPTION	UNIT PRICE	TOTAL
2	59	Au plus 35 element Analysis / Prep	$ 15.00	$ 885.00
		Subtotal		885.00
13		GST @ 7%		61.95
				$ 946.95

pd Nov 30/92 cheque #466

PLEASE ENCLOSE COPY OF INVOICE WITH PAYMENT - TERMS NET 30 DAYS

T S L LABORATORIES

2-302-48th STREET
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

INVOICE NO. 20337

Nov 25 1992

TO: B. D'Silva, D. Parker
365 Lark Street
Thunder Bay, Ontario
P7B 1P4

REF. NO. S-4931
P.O. # TB2119

D011
GST NUMBER: R132862640

CODE		DESCRIPTION	UNIT PRICE	TOTAL
5	17	Whole Rock Analysis	$ 21.00	$ 357.00
5	17	Minor Suite Analysis	4.00	68.00
7	17	Sample Prep	4.00	68.00
		Subtotal		493.00
13		GST @ 7%		~~34.51~~
				$ 527.51

pd Nov 30/92 chq # 466

PLEASE ENCLOSE COPY OF INVOICE WITH PAYMENT - TERMS NET 30 DAYS

NOTES

AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
R_1			SRO	660104
R_2			SR&MR	"
R_4			SRO	

(R5) WITHDRAWN UNDER SECTION 36 W/80 88

SAND & GRAVEL

G_1 M.T.C. PT. 2E-31

G_2 M.T.C. PT. 2E-34

WITHDRAWN SEC. 39 W. TB 18/88 APR 05/88 SR MR

Kashabowie Lake Area

Drift Lake Area

Haines Twp. G-662

Conacher Twp. G-645

Lamport Twp.

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

LEGEND

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

DISPOSITION OF CROWN LANDS

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

LAND USE PERMITS FOR COMMERCIAL TOURIST OUTPOST CAMPS, V
NOTE: [illegible]

SCALE 1 INCH = 100 CHAINS

FEET 0 1000 2000

METRES

TOWNSHIP

HAGEY TWP.

M.N.R. ADMINISTRATIVE DISTRICT

THUNDER BAY

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

Ontario Ministry of Natural Resources — Land Management Branch

Date: MARCH 1982

Number: G-661

RECEIVED
THUNDER BAY
92 FEB 12 AM 11
CIVISION

1992 SURVEY OF DIAMOND DRILL HOLES

HAGEY TWP PISTOL LAKE PROPERTY

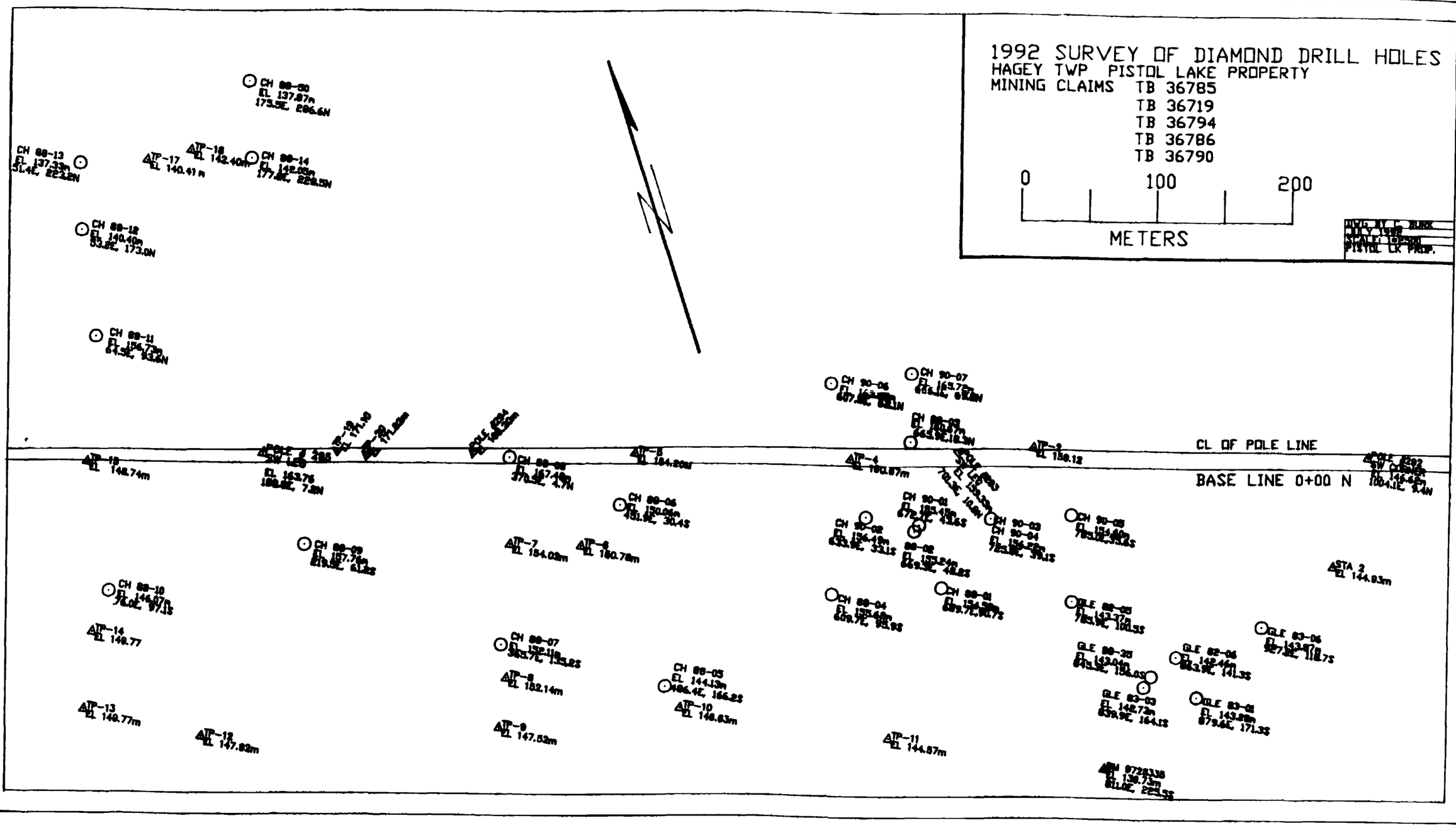
MINING CLAIMS TB 36785
TB 36719
TB 36794
TB 36786
TB 36790

0 100 200

METERS

CL OF POLE LINE

BASE LINE 0+00 N



MATHE LAKE

PISTOL LAKE

MIDDLE SHEBANDOWAN LAKE

PISTOL LAKE PROPERTY HAGEY TWP

SURFICIAL FEATURES MAP

SWAMP

CLEARED OR LOGGED AREA

BURN AREA

0 METERS 1000

MAP NUMBER 92-1 | SCALE 1:5000


TOL LAKE PROPERTY
HAGEY TWP
LOGY
AFIC & ULTRAMAFIC INTRUSIVES
GABBRO, b) DIABASE, c) PERIDOTITE & HORNBLENDITE, d) LAMPROPHYRE
ELSIC INTRUSIVES
QFP, b) QP, c) FP
EDIMENTS
CLASTIC, b) CHERT, c) JASPER, d) BANDED IRON FORMATION
ELSIC VOLCANICS
MASSIVE, b) LAMINATED, c) CRYSTAL TUFF, d) LAPILLI TUFF, e) BRECCIA
NTERMEDIATE VOLCANICS
MASSIVE, b) PILLOWED, c) TUFF, d) BRECCIA
AFIC VOLCANICS
MASSIVE, b) PILLOWED, c) HYALOCLASTIC, d) TUFF, e) BRECCIA, f) AMYGDULIODAL
AMPLE LOCATION
EDDING
OLIATION
WET LOWLAND
CLAIM LINE & SURVEYED POST
POWER LINE WITH TOWERS
POWER LINE WITH POLES
0
1000
METERS
N
: 92-2
SCALE: 1:5000
DATE: NOV. 1992
OPAP 92 D.P., B.D.
PISTOL LAKE
MATHE LAKE
MIDDLE SHEBANDOWAN LAKE
HWY 11
1188250
1188251
1188252
1188253
1183588
36785
36719
36794
36787
36784
36766
36791
36778


PISTOL LAKE PROPERTY
HAGEY TWP
LITHOGEOCHEMISTRY Au
▲ >0.01 opt. Au
BD2 SAMPLE LOCATION & NUMBER
WET LOWLAND
CLAIM LINE & SURVEYED POST
POWER LINE WITH TOWERS
POWER LINE WITH POLES
0
METERS
1000
N
MAP NUMBER: 92-3
SCALE: 1:5000
DATE: NOV. 1992
OPAP 92 D.P., B.D.
HWY 11
1188251
1188252
1183588
367-5
36794
MATTE LAKE
SHEBANDOWAN LAKE
36774
0.14,0.08
0.02,0.02
0.02
0.10,0.01
0.60
0.02
0.08,0.05
0.03
0.29
0.02
2.02
0.05,0.03
0.01

PISTOL LAKE PROPERTY
HAGEY TWP
LITHOGEOCHEMISTRY Cu
<100 ppm Cu
100-250
250-500
>500
SAMPLE LOCATION & NUMBER
WET LOWLAND
CLAIM LINE & SURVEYED POST
POWER LINE WITH TOWERS
POWER LINE WITH POLES
0
1000
METERS
N
MAP NUMBER: 92-4
SCALE: 1:5000
DATE: NOV. 1992
OPAP 92 D.P., B.D.
HWY 11
1188250
1188251
1188252
1183588
36785
36719
36794
36787
36784
36776
M A T H E L A K E
P I S T O L
M I D D L E
S H E B A N D O W A N
L A K E

PISTOL LAKE PROPERTY
HAGEY TWP
LITHOGEOCHEMISTRY Zn
<100ppm Zn
100-150
150-200
>200
SAMPLE LOCATION & NUMBER
WET LOWLAND
CLAIM LINE & SURVEYED POST
POWER LINE WITH TOWERS
POWER LINE WITH POLES
0
1000
METERS
N
MAP NUMBER: 92-5
SCALE: 1:5000
DATE: NOV.1992
OPAP 92 D.P.,B.D.
HWY 11
MATHE LAKE
PISTOL LAKE
SHEBANDOWAN LAKE
1188250
1188251
1188252
1186253
1183588
36785
36719
36794
36767
36784
36786
36778

PISTOL LAKE PROPERTY HAGEY TWP

LITHOGEOCHEMISTRY Cr/Ni

▲ Cr > 0.02 %

▼ Ni > 0.02 %

△BD2 SAMPLE LOCATION & NUMBER

WET LOWLAND

CLAIM LINE & SURVEYED POST

POWER LINE WITH TOWERS

POWER LINE WITH POLES

0 METERS 1000

N

MAP NUMBER: 92-6	SCALE: 1:5000	DATE: NOV. 1992	OPAP 92 D.P.,B.D.

PISTOL LAKE PROPERTY HAGEY TWP

LITHOGEOCHEMISTRY Na

- △ >1% Na
- ◈ <1% Na (SAMPLE CONTAINS QUARTZ VEINS OR CHERT)
- ▲ 1-0.1% Na
- ▲ <0.1% Na

△802 SAMPLE LOCATION & NUMBER

WET LOWLAND

CLAIM LINE & SURVEYED POST

POWER LINE WITH TOWERS

POWER LINE WITH POLES

0 METERS 1000

N

MAP NUMBER: 92-7	SCALE: 1:5000	DATE: NOV. 1992	OPAP 92 D.P., BD.

HWY 11

1188250

1188251

1188252

1183588

1183599

1186253

36785

36719

36794

36787

36784

36786

36778

MATHESON LAKE

MIDDLE SHEBANDOWAN LAKE


PISTOL LAKE PROPERTY HAGEY TWP
LITHOGEOCHEMISTRY COMPILATION
Au > 0.01 o.p.t.
Zn > 150 p.p.m.
Cu > 250 p.p.m.
Ni > 200 p.p.m. & Cr > 200 p.p.m.
SAMPLE LOCATION & NUMBER
WET LOWLAND
CLAIM LINE & SURVEYED POST
POWER LINE WITH TOWERS
POWER LINE WITH POLES
0
1000
METERS
N
MAP NUMBER: 92-8
SCALE: 1:5000
DATE: NOV. 1992
OPAP 92 D.P., B.D.
HWY 11
M A T H E
L A K E
M I D D L E
S H E B A N D O W A N
L A K E
1188250
1188251
1188252
1188253
1188588
36785
36794
36787
36784
36786
36776
1188589