GEOLOGICAL TECHNICAL REPORT

2008 Trenching and Sampling Program

Cree Lake Gold Property

Swayze Township, Ontario, Canada

LATITUDE: 47°78'N LONGITUDE: 86°66'W
NTS: 41O/15

Mantis Explorations Inc.
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M5C 1B5

December, 2008

Prepared by

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SHEENA EWANCHUK HBSC. GEOL. I. T.

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1.0 SUMMARY

The purpose of this report is to document the results and findings of a trenching-stripping program that was conducted by Mantis Explorations Ltd., during the fall of 2008 on claims held by Mantis Explorations Inc. in Swayze Township, Ontario. Two occurrences discovered in the 1930s were targeted in this program, the Flint Rock Occurrence and the Buffalo-Canadian Occurrence.

This report is based on data acquired from the program which was undertaken between August 31st, 2008 and October 26th, 2008. A total of 155-meters of trenching-stripping was completed, 100-meters at the Flint Rock and 55-meters at the Buffalo-Canadian. 255-samples collected in the field were submitted for gold and mutli-element analysis to ALS Chemex Laboratory.

The Cree Lake Property is located 195-kilometers north-northwest of Sudbury, Ontario in Swayze Township. The geographic co-ordinate for the property is centered at longitude 82°66' west, latitude 47°78' north.

The Property consists of 18 claims, covering an area of approximately 3,904-hectares, registered with the Porcupine Mining Division, Timmins, Ontario. Mantis has 100% ownership in 14-claims while 4-claims are under option.

Results from the sampling program undertaken at the Flint Rock occurrence are extremely encouraging. Of the 175-samples collected, 30-samples or 17% yielded gold values ≥ 34 ppm, 7-samples or 0.04% contained gold values in the range ≥ 17 ppm < 34 ppm, 5-samples or 0.03% contained values in the range ≥ 10 ppm < 17 ppm and 21-samples or 12% returned values in the range ≥ 3 ppm < 10ppm. The remainder of the samples 75.9% yielded results < 3ppm.

The results from the Buffalo-Canadian occurrence yielded only three samples in which gold values exceeded 2.0 ppm. Despite these results, the geological environment of the area remains sufficiently encouraging to consider further exploration.

The results of the 2008-trenching program warrant follow-up work. A 2,000-3,000-meter diamond drill program is recommended for the Flint Rock occurrence; a prospecting-mapping-sampling is recommended of the Buffalo-Canadian occurrence, and for the Cree Lake property as a whole, a prospecting-mapping-sampling-compilation program is recommended.

2.0 INTRODUCTION

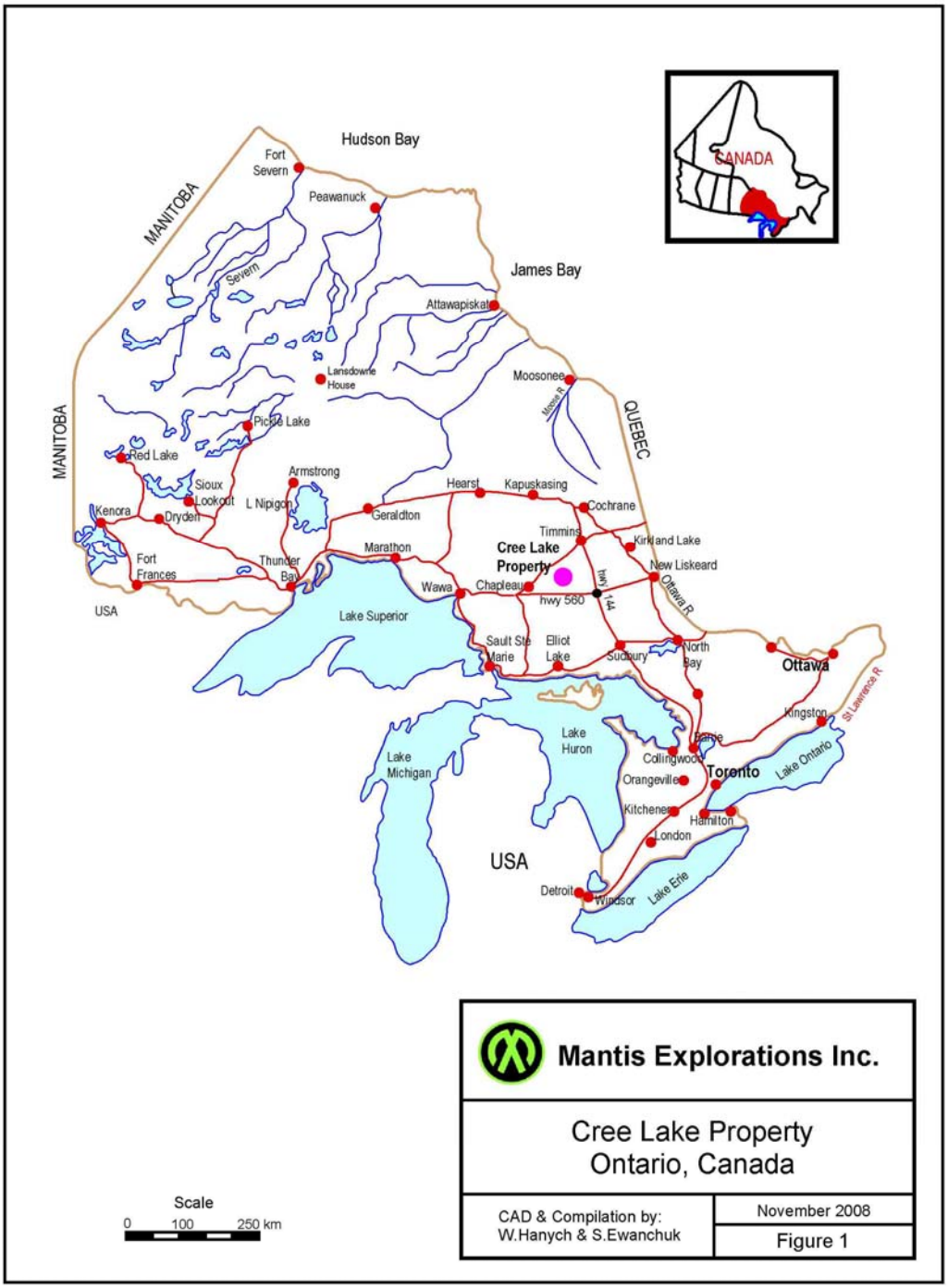
2.1 INTRODUCTION

This technical report documents the results and findings of a trenching – stripping program that was conducted by Mantis Explorations Inc. on claims held by Mantis Explorations Inc. in Swayze Township, Ontario. The report and associated data are archived in digital form on CD Rom.

This report is based on information acquired from the program which constitutes new data and findings on two occurrences that received limited exploration in the past, namely, the 'Flint Rock' occurrence and the 'Buffalo Canadian' occurrence.

2.2 TERMS OF REFERENCE

Although current assessment filings adhere to the Metric System for units of measure, archived data and publications employed either the Metric System or Imperial System. The units of measure referenced in this report adhere to the units in which they were originally reported. Conversion factors from one system to another can be obtained from various sources. Resource figures and assays quoted by past companies, or included in reports and referred to in this report are historical in nature. As such, resource figures do not conform to current accepted industry standards. While historical assay results are considered to be reliable, according to local industry standards.


CANADA
Hudson Bay
Fort Severn
Peawanuck
MANITOBA
Severn
James Bay
Attawapiskat
Lansdowne House
Moosonee
Moose R
QUEBEC
Pickle Lake
Red Lake
Armstrong
Sioux Lookout
L Nipigon
Geraldton
Hearst
Kapuskasing
Cochrane
Timmins
Kirkland Lake
New Liskeard
Ottawa R
Kenora
Dryden
Fort Frances
Thunder Bay
Marathon
Cree Lake Property
Chapleau
Wawa
hwy 560
hwy 144
USA
Lake Superior
Sault Ste Marie
Elliot Lake
Sudbury
North Bay
Ottawa
Kingston
St Lawrence R
Barrie
Lake Huron
Lake Michigan
Collingwood
Toronto
Lake Ontario
Orangeville
Kitchener
Hamilton
London
USA
Detroit
Windsor
Lake Erie
Scale
0 100 250 km
Mantis Explorations Inc.
Cree Lake Property
Ontario, Canada
CAD & Compilation by:
W.Hanych & S.Ewanchuk
November 2008
Figure 1

4.0 PROPERTY LOCATION, DESCRIPTION AND OWNERSHIP

4.1 LOCATION

The Cree Lake Property is located 195-kilometers north-northwest of Sudbury, Ontario in Swayze Township. The Property lies within NTS map sheet 41O/15. The occurrences are located in UTM Zone 17, the Flint Rock at approximately easting 373752 and northing 5293117 (NAD 83), within current claim 4203295, and the Buffalo-Canadian at easting 375273 and northing 5293810 (NAD 83), within current claim 4203275. The geographic co-ordinate for the property is centered at latitude 82°66' west, longitude 47°78' north.

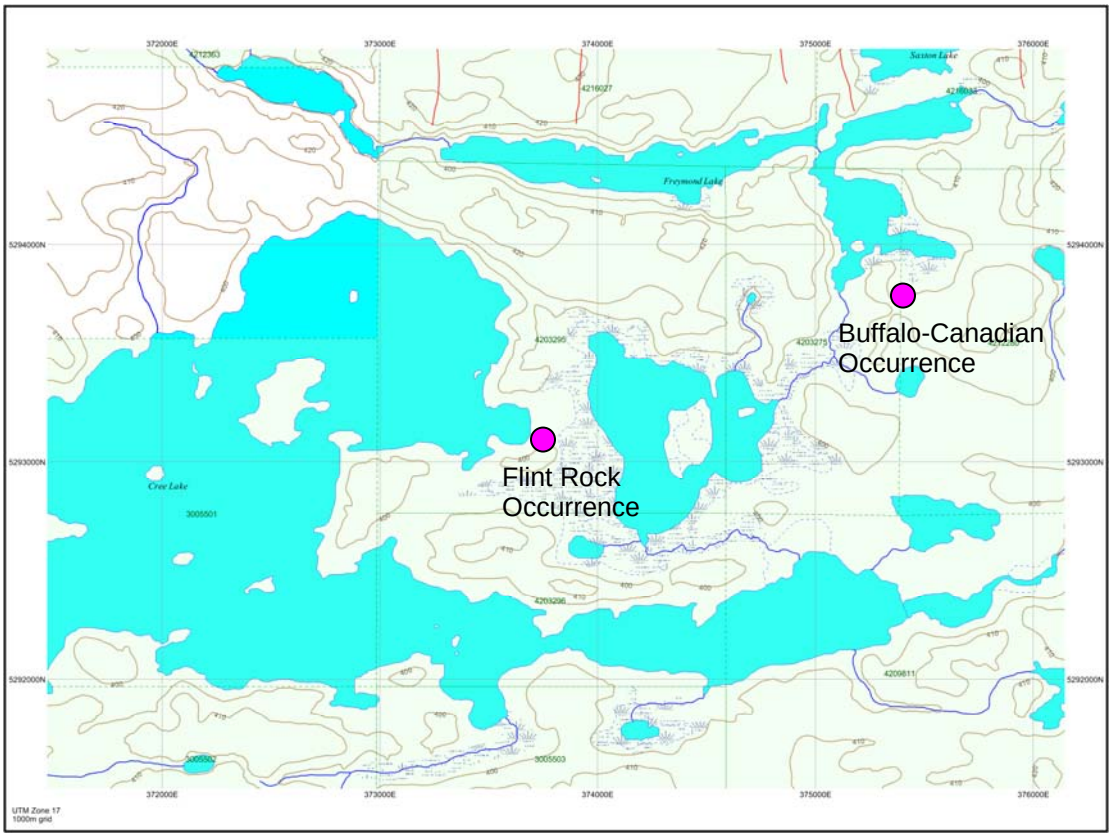


Figure 1A. Location Map of Flint Rock and Buffalo-Canadian Occurrence.

4.2 DESCRIPTION

The Property consists of 18-staked contiguous unpatented mining claims covering approximately 3,904-hectares. The claims are registered with the Mining Recorders Office, Porcupine Mining division, Timmins, Ontario. All of the claims have been staked in accordance with the Ontario Mining Act and are open to public scrutiny by accessing Ministry of Northern Development and Mines website at, www.gov.on.ca/mndm/mines. Currently 7-claims are good standing till April 3, 2010, 3-claims are good standing till October 4, 2009, and 6-claims were re-instated by a ministry order to January 4, 2009. Summary of the claims and anniversary dates is tabled below. Two new claims were staked in December, their anniversary date is December 15, 2010.

Township	Claim	Units	Hectares	Recording	Due Date	Ownership
Claim Map No.	Number			Date		
Swayze (G-3249)	3005501	16	256	3-Apr-08	3-Apr-10	100% Mantis
Swayze (G-3249)	3005502	16	256	3-Apr-08	3-Apr-10	100% Mantis
Swayze (G-3249)	3005503	16	256	3-Apr-08	3-Apr-10	100% Mantis
Swayze (G-3249)	3005504	16	256	3-Apr-08	3-Apr-10	100% Mantis
Swayze (G-3249)	4201534	16	256	3-Apr-08	3-Apr-10	100% Mantis
Swayze (G-3249)	4209787	16	256	4-Oct-06	4-Oct-09	100% Mantis
Swayze (G-3249)	4212201	16	256	4-Oct-06	4-Jan-09	100% Mantis
Swayze (G-3249)	4212280	16	256	4-Oct-06	4-Oct-09	100% Mantis
Swayze (G-3249)	4212281	16	256	4-Oct-06	4-Oct-09	100% Mantis
Swayze (G-3249)	4212282	16	256	4-Oct-06	4-Jan-09	100% Mantis
Swayze (G-3249)	4218527	4	64	3-Apr-08	3-Apr-10	100% Mantis
Swayze (G-3249)	4218528	14	224	3-Apr-08	3-Apr-10	100% Mantis
Swayze (G-3249)	4203275	8	128	4-Oct-04	4-Jan-09	Rintala Option
Swayze (G-3249)	4203295	16	256	4-Oct-04	4-Jan-09	Rintala Option
Swayze (G-3249)	4203296	8	128	4-Oct-04	4-Jan-09	Rintala Option
Swayze (G-3249)	4209811	16	256	26-Oct-06	4-Jan-09	Rintala Option
Swayze (G-3249)	4240850	12	192	15-Dec-08	15-Dec-10	100% Mantis
Swayze (G-3249)	4244056	6	96	15-Dec-08	15-Dec-10	100% Mantis
Totals	18		3904			

Table 1: Cree Lake property claim information.

Aside from standard regulatory environmental restrictions on exploration and development there are no known existing environmental liabilities to which the property is subject.

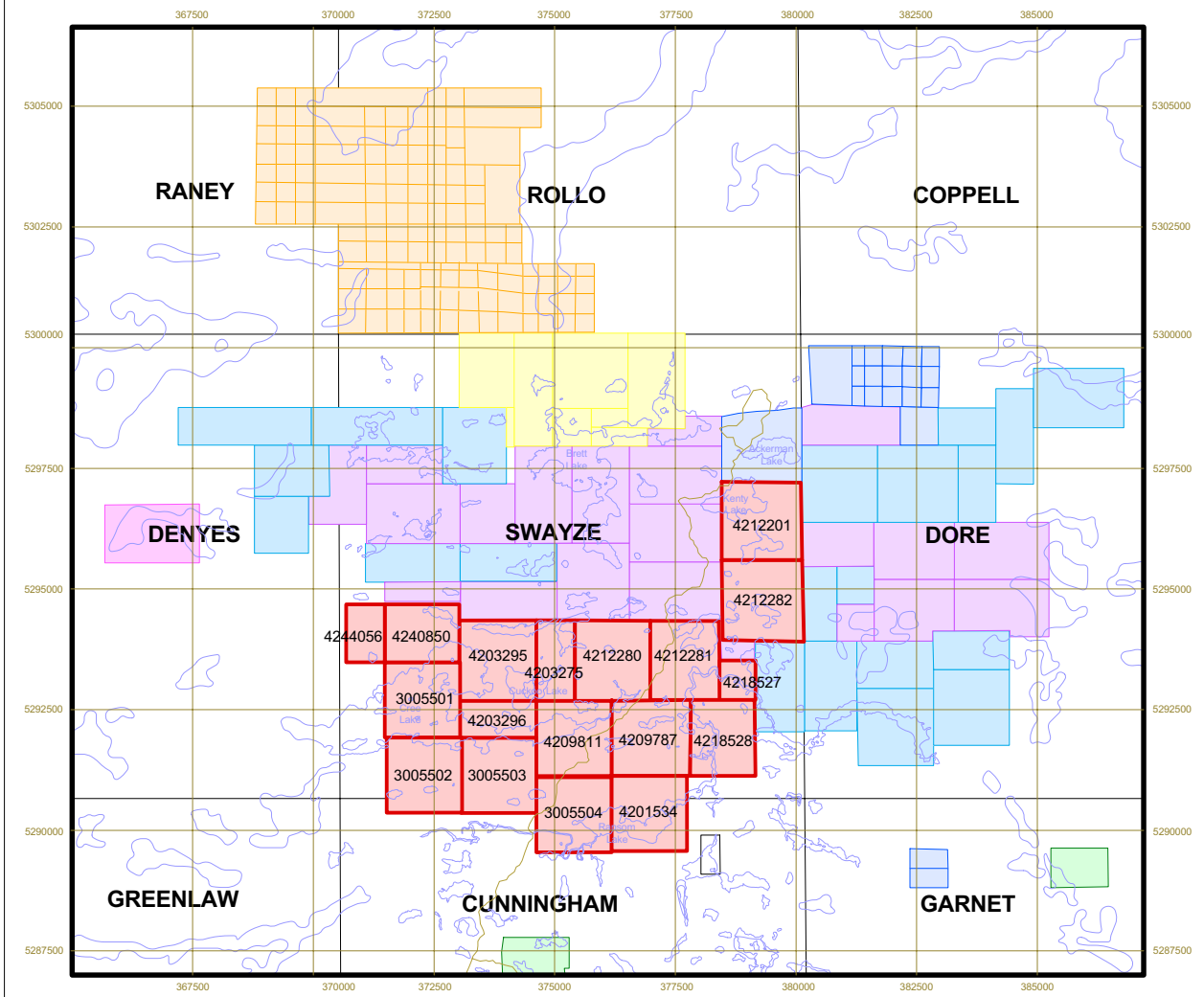
4.3 OWNERSHIP

Claims 3005501-3005504, 4201534, 4209787, 4212201, 4212280-4212282, 4218527, 4218528, 4240850 and 4244056 are 100% owned by Mantis Explorations Inc. a subsidiary of Mantis Mineral Corp. Claims 4203275, 4203295, 4203296 and 4209811 are under option from Messrs. Rintala and Johnson and are registered with Mesr. Rintala (See Figure 2).

5.0 ACCESSIBILITY, CLIMATE, PHYSIOGRAPHY, RESOURCES, INFRASTRUCTURE

5.1 ACCESS

Access to the property can be gained by motor vehicle by travelling west from the cross-road of secondary Highway 560 (locally known as the Sultan road) and Highway 144. Approximately, 55-kilometers west of the cross-road Highway 560 intersects a logging haul road known as the Doré road. From this point, north for 27-kilometers to a fork in the road, the left fork which bears northward and ultimately westward leads to a restricted access logging road. The gate positioned 4.8-kilometers from the fork is controlled by Domtar and can be locked to prevent unauthorized access. At 1.3-kilometers from the gate, a trail heading south leads to Hook Lake and boat access to the Buffalo-Canadian occurrence located south of the south shore of Hook Lake. At 2.7-kilometers from the gate, a 500-meter long truck drivable trail leads to a clearing from which a rough ATV trail begins. This trail leads south for 1.8-kilometers and ends up at the Flint Rock occurrence (see figure 1).



N

UTM Zone 17 NAD 83
500m Grid
Scale 1:150000

0 1 5 7.5 km

Symbols

- Mantis Mineral Corp claim
- Aavdex Corp claim
- Charles Homer Mortimer claim
- Dan Patrie Exploration Ltd. claim
- David Lawrence Gibson claim
- Donald McKinnon claim
- Township boundary
- Kenneth Henry Lambert and Ray Donald Skogsberg claim
- Lucian George Krant claim
- Robert Jaques claim
- Vencan Gold Corp claim
- Lake
- UTM grid
- **DORE** Township

Mantis Mineral Corp

Cree Lake Claim Map
Swayze Township

Compilation and CAD by:
S.Ewanchuk & W.Hanych

Figure 2
November 2008

5.2 CLIMATE, VEGETATION AND PHYSIOGRAPHY

The climate of the Swayze area is typical of a northern mid-continental climate, whereby summers can vary from cool and moist to hot and dry, while winters typically last 5-months and can be quite cold. Average daily summer temperatures are in the 21° centigrade range, occasionally reaching maximums of 35° centigrade in July. Average daily winter temperatures are in the order of -16° centigrade, occasionally attaining extreme minimums of -43° centigrade in January.

Yearly snowfall is in the order of 275-centimetres with most of it occurring between December and March, when monthly average accumulations range from 15 to 28-centimetres. Yearly rainfall is in the order of 521-millimetres, occurring between April and November, when the monthly averages range from 22 to 83 millimetres, (Data source; www.climate.weatheroffice.ec.gc.ca).

Vegetation of the Property area is typical of a boreal forest. On drier ground jack pine, spruce, white pine and aspen are plentiful. In lower swampy ground, black spruce, alder and cedar are common.

The Cree Lake property is located 40-kilometers north of the height of land that separates the Arctic drainage system from the Atlantic drainage system. The proximity to the divide results in sluggish river currents and poorly drained lakes. The main river flowing into Cree Lake is the Wakami River, which flows in a southeast direction, eventually linking with the Wowman River. The more significant lakes in the immediate vicinity of the Property are Cree Lake, Ransom Lake, Freymond Lake and Saxton Lake.

Topography is typical of the Precambrian shield. Relief doesn't exceed 30-meters, with the highest elevations occurring north of Cree Lake. Sandy glacial overburden is common and blankets most of the lower lying areas.

Figure 3: Aerial view looking south, east end of Cree Lake, the pink circle marks the site of the Flint Rock occurrence.

5.3 INFRASTRUCTURE AND LOCAL RESOURCES

The closest cities to the property are Sudbury with a population of 157,850, 195-kilometers, south-southeast and Timmins with a population of 43,600, 130-kilometers northeast of the property. Both cities are well known mining centres supporting an extensive infrastructure, accommodating mining and mineral exploration. The Watershed Restaurant, Car & Truck Stop at the intersection of secondary highway 560 and highway 144, is the closest cross-road with fuel, food and limited accommodations, and is situated about 90-kilometers by road from the property.

6.0 PROPERTY HISTORY

6.1 GENERAL HISTORY

Prospecting in the Swayze area became active in 1931 when the Kenty gold discovery was made by J.G. and J.L. Kenty in August of the same year. In 1933, two shafts were sunk on the property, 510 and 534 feet deep, with 6,750 feet of corresponding lateral development. By 1934, productions at the mine were suspended due to low gold values, but exploration within the Swayze Gold area continued. In the early 1930's, Buffalo-Canadian Gold Mines Ltd. made a gold discovery south of Hook Lake and east of Cree Lake, named the 'Buffalo-Canadian' occurrence. They followed this with a trenching, stripping and diamond drill program in 1933. The area was geologically mapped by Furse (1932), Rickaby (1934) and V.B.Meen (1941).

Little exploration activity occurred after 1941 until Flint Rock Mines Ltd. acquired the claims in the area and proceeded to drill 34-diamond drill holes at the 'Flint Rock' occurrence. This program was carried out from 1962-63, on the mainland and the island in Cree Lake, totalling 4,450 feet. A geological report by J.F.Donovan was submitted in 1965, as well as a subsequent geological map in 1968. INCO gained rights to the property and area in 1966 and carried out a small two hole drill program. In 1976, UMEX completed a 1,158 line-mile airborne magnetic survey over Denyes, Swayze, Dore and Heenan townships.

The 1980s appeared to be the most active time for the property and area with many air and ground exploration programs taking place. Further geological mapping in the area was completed by Siragusa and a new map was generated from the results (1980). From late 1980 to early 1981, the Ontario Ministry of Natural Resources performed an airborne INPUT electromagnetic and magnetometer survey. Troudor Resources Inc. staked the ground between Cree Lake and Cuckoo Lake in 1981, following up with a VLF-EM and magnetometer survey the next year, as well as a report by D.R.MacQuarrie on their findings. In 1982, L.J. Cunningham geologically mapped the area, as well as cleaned out and re-sampled the old pits. Canadian Nickel Company staked 560 contiguous claims in 1981, over Denyes, Swayze and Dore townships and carried out an airborne geophysical survey, reconnaissance mapping and prospecting program. The

results from this program encouraged Canadian Nickel to continue in 1984 with a line grid, geological mapping, magnetometer, IP survey and 3-diamond drill holes between Cree Lake and Cuckoo Lake. In 1984, on the south end of Cree Lake, Quinterra Resources Inc. commissioned Terraquest Ltd. to carry out a combination VLF-EM and magnetometer survey, which was accompanied with a geological mapping and prospecting program. The following year, a larger program, consisting of 40-cut line-miles; magnetometer, VLF-EM and self potential surveys; and geological mapping were carried out. In the fall of 1985, Golden Rim Resources Inc. entered into an option agreement with Quinterra to gain a percentage in the property. A 14-hole drill program was implemented that fall, which carried into early 1986 and totalled 7,010 feet. In 1987, Quinterra/Golden Rim continued with a 6-hole drill program from March to May, totalling 2,962 feet, as well as a magnetometer and VLF-EM survey, overburden stripping and prospecting. Golden Rim lost their percentage in the property when they failed to spend the amount of exploration money agreed upon. An airborne magnetic and VLF-EM survey was flown over the north and northeast end of Cree Lake by Charet Syndicate in 1988.

During the 1990s, the ground passed between a junior company and individual prospectors. Charles Mortimer acquired the claims between Cree Lake and Cuckoo Lake and in 1990, carried out a total field magnetometer survey, as well as plugger, blasting and sampling work. Cree Lake Resources Corp. performed a 50-line-mile MaxMin II EM and magnetic surveys, data compilation and prospecting in 1990. They followed up this program in 1992 with geologic mapping, prospecting, stripping, trenching and sampling. In 1993, Ron Crichton completed a program consisting of hand stripping, 4.5 line-mile cuts, a total field magnetometer and VLF-EM survey, two diamond drill holes and assays. There are no assessment files between 1994 and the present on the Cree Lake area.

The property was acquired by Mantis Explorations Inc. in 2006 and the trenching-sampling program was undertaken in the fall of 2008.

6.2 EXPLORATION HISTORY

The exploration history documented above and below encompasses land beyond the 'Flint Rock' and 'Buffalo-Canadian' occurrences. The exploration activities listed below illustrate the degree to which the Swayze area has been explored. Despite all of the activity the 'Buffalo-Canadian occurrence was never re-evaluated and for the first time native gold is being reported from the 'Flint Rock' occurrence.

1931 **KENTY GOLD MINES LTD.**

The discovery of the Kenty Mine, on Brett Lake in 1931 stimulated exploration activity in the Swayze belt. Two ore shoots on the surface had assays averaging 0.39 oz per ton Au over 6.3 feet wide, 50 feet long, and 3.7 feet wide, 72 feet long, averaging 0.67 oz per ton Au. Two shafts were sunk between 1931-34, 510 feet and 534 feet deep, with 6,750 feet of lateral development.

1930s **BUFFALO-CANADIAN GOLD MINES LTD.**

In the early 1930s, gold was discovered south of Hook Lake, east of Cree Lake. This discovery, named the 'Buffalo-Canadian' occurrence was trenched, stripped and drilled to yield assay results of 0.02-0.08 oz per ton Au in mineralized quartz within shear zones. Visible gold was reported from this site.

1932 **Furse**

Geological mapping of the Swayze gold area.

1933 **BUFFALO-CANADIAN GOLD MINES LTD.**

On the east shore of Cree Lake, a 500 foot trenching and diamond drill program was carried out.

1934 **Rickaby**

Geological mapping of the Swayze gold area, including Dore and Swayze townships.

1941 **V.B.Meen**

Geological Mapping.

1959 **M.W.Bartley, P.Eng**

Prospecting in the Ridout-Swayze area.

1961 **FLINT ROCK MINES LTD.**

D.McKechnie wrote a report after visiting the Flint Rock group that stated his recommendations for drilling, which were carried out the following year.

1962 **FLINT ROCK MINES LTD.**

From July 1962 - February 1963, 34-holes were drilled on the property, totalling 4,449.5 feet at what is now known as the 'Flint Rock' occurrence. On the mainland showing, 25-holes ranging from 28 to 379 feet in length were drilled, while on the island, nine holes from 85- to 160 feet in length were cored. Gold values ranged from 0.4-20.7 oz per ton and silver values were from 0.32-4.54 oz per ton. This program also included re-sampling of old trenches.

1965 **J.F.Donovan**

Geological Report 33 "Geology of the Swayze and Dore Townships".

1966 **INCO**

Two drill holes totalling 1,133 feet were completed.

1968 **J.F.Donovan**

Geological mapping.

1976 **UMEX**

A total of 1,158 line-miles of an airborne magnetic survey were flown over Denyes, Swayze, Dore, Heenan and part of Rollo Townships by Scientrex Survey Ltd, between January 29 and March 1, 1976.

1980 **Siragusa**

Geological mapping.

ONTARIO MINISTRY OF NATURAL RESOURCES

An airborne INPUT electromagnetic survey and a magnetometer survey were completed in the area in late 1980 through early 1981.

1981 **TROUDOR RESOURCES INC.**

J.Patrie staked the ground between Cree Lake and Cuckoo Lake, which he optioned to Troudor Resources.

CANADIAN NICKEL COMPANY

In the spring, 560-contiguous claims were staked in Denyes, Swayze and Dore Townships. In the fall, an airborne geophysical survey was carried out over the area, as well as reconnaissance mapping and prospecting. Eight samples, centered on Cree Lake returned assays greater than 100 ppb Au, and five samples ranged from 20-100 ppb Au.

1982 **TROUDOR RESOURCES INC.**

VLF-EM and magnetometer surveys were completed by S.Young and J.K.Filo. Based on these results, a report was written by D.R.MacQuarrie which recommended an IP survey and trenching or drilling, pending positive results.

L.J.Cunningham

During October, the property was mapped, the pits were cleaned out and resampled and a report of this was submitted.

1984 **TROUDOR RESOURCES INC.**

Utah Mines filed assays for Troudor Resources.

CANADIAN NICKEL COMPANY LTD.

A line grid, geological mapping, magnetic survey, IP survey and 3-diamond drill holes were completed in the area between Cree Lake and Cuckoo Lake.

QUINTERRA RESOURCES/GOLDEN RIM RESOURCES

In the fall, on the south end of Cree Lake, extending south into Cunningham Township, preliminary geological mapping and prospecting was completed, with assays of grab samples performed. Terraquest Ltd. flew a combined VLF-EM and magnetic survey.

1985 **QUINTERRA RESOURCES INC**

In the fall, 40 line-miles were cut, south of Cree Lake onto which a magnetic, VLF-EM, self potential and magnetometer survey, as well as detailed geological mapping were completed.

A total of 7,010 feet were drilled by Longyear Canada Inc. in fourteen diamond drill holes, testing geological and geophysical targets, as well as a surface gold showing of 0.878 oz per ton Au, from November, 1985 to January, 1986. Three zones of anomalous gold were intersected from five of these drill holes, producing interesting results, including: 8.5 feet of iron-formation averaging 363 ppb Au; along a 37 a foot length, best values obtained were 440 ppb, 280 ppb and 410 ppb Au in 5 foot, 3 foot and 5 foot intervals respectively; 37 feet averaging 183 ppb Au; 31.5 feet averaging 608 ppb Au, the best value of 3 feet of blue-grey to black chert, mineralized with 5% pyrite, yielded 2,000 ppb Au; and 20 feet of 600 ppb Au in a quartz veined, metasomatized, altered core at the end of the hole, the highest value from the program was 1200 ppb Au in 5 feet.

GOLDEN RIM RESOURCES INC.

Golden Rim entered into an agreement during October/November, in which a 50% interest in the property could be gained from Quinterra, if $1,000,000 was spent on exploration over three years. The interest was not acquired, as the $1,000,000 was not spent in full.

1987 **QUINTERRA RESOURCES INC/GOLDEN RIM RESOURCES INC**

A further 6-diamond drill holes totalling 2,962 feet, testing geophysical targets, were completed between March and May by Longyear Canada Inc. In the fall, a small magnetic and VLF surveying program was carried out on 20 grid lines, as well as overburden stripping around a drill hole and prospecting. In three of the holes, assay results showed: a 22 foot section of mineralized, altered mafic tuffs that averaged 0.0157 oz per ton Au; 23 feet of a graphitic zone that averaged 0.0122 oz per ton Au; and 6.5 feet of mafic tuffs, interlayered with graphite-pyrite beds that averaged 0.021 oz per ton Au.

1988 **CHARET SYNDICATE**

Between March and April, an airborne magnetic and VLF-EM survey was carried out by Terraquest Ltd. on the north and northeast portion of Cree Lake, as well as further east in Swayze and Dore Townships.

1990 **Charles Mortimer**

In January, Joe-Ann Salo was contracted to carry out a Total Field Magnetometer survey and Halo Explorations completed plugger work and blasting to obtain samples for assays.

CREE LAKE RESOURCES CORP.

Ground geophysical surveying of about 50 line miles, including MaxMin II EM and magnetic surveying were performed, along with data compilation and limited prospecting by MPH Consulting Ltd. from November to December.

1992 **CREE LAKE RESOURCES CORP.**

A fall exploration program including mapping, prospecting, 801 overburden geochemistry samples, mechanized stripping of 14-areas, 1,100 feet of trenching and sampling was completed on its 100 claim gold property in the Cree Lake area.

1993 **Ron Crichton**

A program involving hand stripping, 4.4 miles of line cutting, total field magnetometer, VLF EM, diamond drilling and assays was performed on the Cuckoo Lake property in Swayze Township. Two drill holes, one extended from

540ft to 692ft and the other totalling 402 ft were drilled by Larry Salo and Ron Crichton, later logged by Mark Masson and samples sent for assay.

2008 **MANTIS EXPLORATIONS INC.**

A 155-meter stripping, trenching and sampling program was undertaken from September to November.

7.0 GEOLOGICAL SETTING

7.1 REGIONAL GEOLOGY

The Cree Lake property lies in the Swayze area within the 2.6-2.8 Ga. south-western Abitibi Subprovince, a Neoarchean granite-greenstone terrane. The area is bounded to the west by the Kapuskasing Structural Zone and to the east by the Kenogamissi Batholith (see Appendix H).

The property is hosted within the Halcrow-Swayze assemblage, one of nine assemblages of the area that were historically and collectively referred to as the "Swayze Greenstone Belt". This assemblage, consisting of east trending komatiitic flows, tholeiitic basalts, felsic and calc-alkaline metavolcanics, and oxide facies iron formation, has been intruded by late quartz-feldspar porphyry and bodies of lamprophyre. Intense east to southeast striking shearing with 30° westerly plunging lineation occurs in the southern portion of the assemblage. The volcanic assemblages have been subjected to internal folding, producing subvertically oriented stratigraphy.

In the Cree Lake area, ultramafic to mafic flows are spatially associated with margins of the assemblage while intermediate to felsic metavolcanics are concentrated towards the interior. Komatiitic flows at the northern and southern contacts of the assemblage are distinguished by a high magnetic signature and may correlate with each other through a large scale, west-northwest striking, west closing anticline.[1]

Sedimentary rocks in the Swayze area characterize the Ridout and Raney-Newton assemblages, and in general terms consist of conglomerate, arkose, wackes and iron formation. The Raney-Newton assemblage, historically referred to as the "Swayze Series", occurs at the northern contact of the Halcrow-Swayze assemblage, while the Ridout assemblage occurs at the southern contact. Within the Ridout

[1] Jackson, S.L, Fyon, J.A. 1991. The Western Abitibi Subprovince; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p.448-449.

assemblage, east-west trending, vertically dipping oxide facies iron formations occur south of Cree Lake (see figure 4).

Two past producing gold mines are situated in the Swayze area; the Jerome and the Kenty. The Jerome gold mine is located 38-kilometers southeast of Cree Lake and occurs within the Ridout assemblage. The Kenty mine is located approximately 7,000-meters northeast of Cree Lake and like the Cree Lake property is hosted within the Halcrow-Swayze assemblage.

At the Jerome mine, 333,060 tons of ore was milled between 1941-1943 and yielded 56,879 ounces of gold at a recovered grade of 0.17 ounce per ton. The gold occurs within an intense deformation zone characterized by strong carbonate stockworks, quartz veining and breccia, at the contact between sediments and granodiorite porphyry. High gold values correlate with quartz veins containing appreciable amounts of molybdenum.

At the Kenty mine, development work between 1931 to 1934 consisted of the sinking of two shafts, 510-feet and 534-feet deep, the No.1 and No.2 respectively. Three levels were accessed by the No.1 shaft and two by the No.2 shaft. Production figures are not available; however, published reserves of unspecified grade report that 69,000 tons of ore was outlined in the No.1 shaft area and 290,000 tons in the No.2 shaft area.

Gold mineralization is contained within quartz-carbonate veins in altered meta-volcanics within high strain zones spatially associated to a large body of feldspar porphyry.

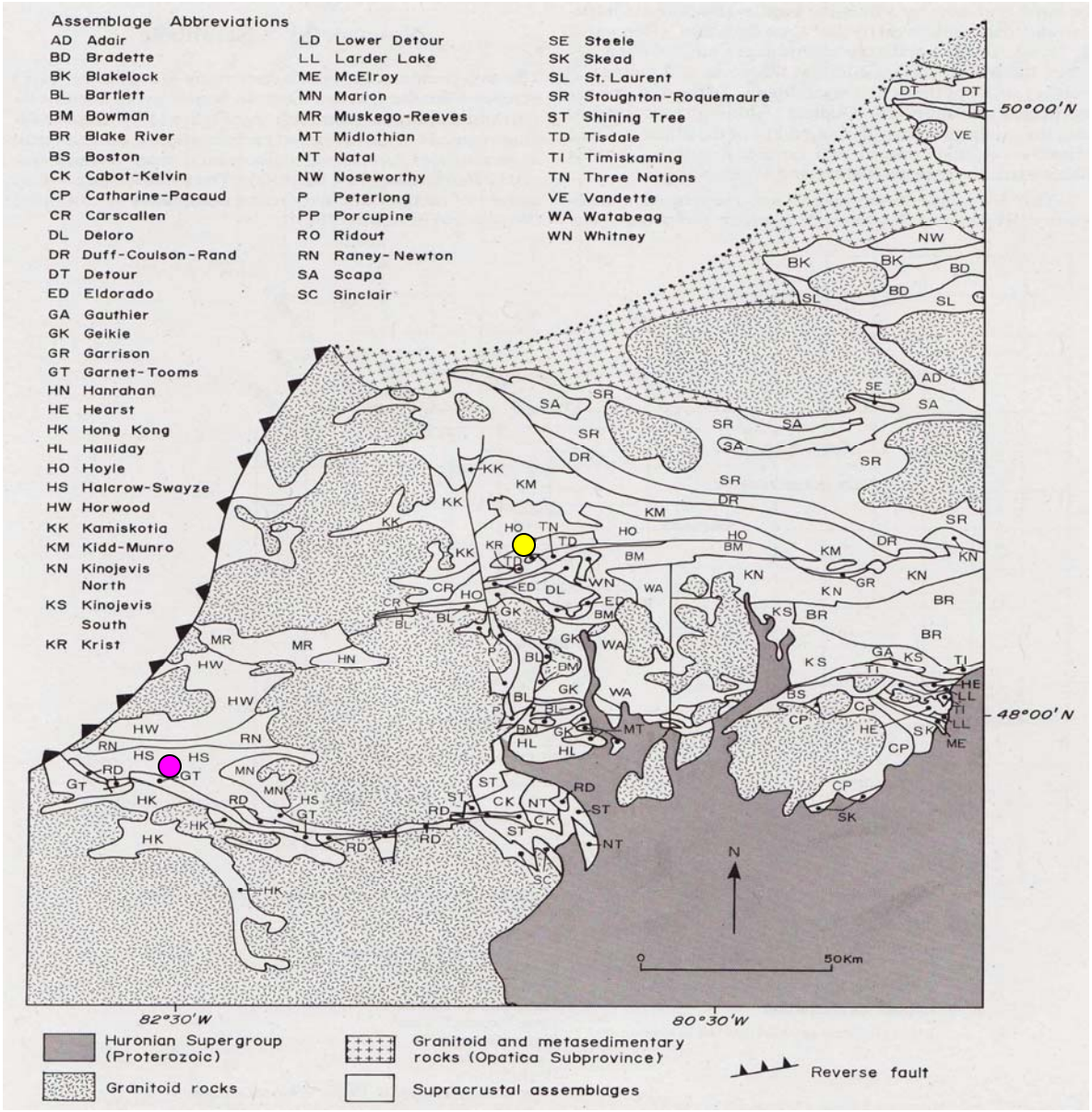


Figure 4: Regional setting of the Cree Lake property within the western Abitibi subprovince. Pink circle: Cree Lake Property, yellow circle: Timmins[2].

[2] S.L. Jackson, J.A. Fyon, 1991. The Western Abitibi Subprovince in Ontario; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p 417.

7.2 LOCAL GEOLOGY

The Cree Lake property encompasses two gold occurrences separated by 1,600-meters; the Flint Rock and the Buffalo-Canadian (see Appendix I). They occur within the Halcrow-Swayze assemblage at different stratigraphic levels, with the Buffalo-Canadian at a lower level than the Flint Rock.

Meta-volcanics in the area are highly altered to the greenschist facies and display secondary minerals of chlorite, uralite, sericite, carbonate and locally cubic pyrite. East-west trending shear fabrics dominate locally forming intense zones of deformation, occasionally coalescing to attain meter-scale widths. Within the shear zones, late stockworks carbonate veining has overprinted a strong pervasive carbonatization of the host rock which can extend for meters beyond the immediate zones of shearing. The shear zones can also contain, gold-copper-lead-zinc mineralized quartz-carbonate ± chlorite veins, occasionally yielding bonanza grade gold values.

Figure 5: Excavation at Flint Rock showing in vicinity of old blast trench, looking east.

8.0 Deposit Type

Both of the gold occurrences explored on the Cree Lake property are of the mesothermal Archean lode gold type associated with shear zones of high strain in greenstone terranes. Gold deposits of this type are exceptionally important as they are credited for the majority of the gold production from the Superior Province in Ontario and account for in excess of 150-million ounces produced.

Figure 6: Flint Rock occurrence looking east, main vein mineralization at picket bench mark.

9.0 MINERALIZATION

The Cree Lake property hosts two known gold occurrences, the Flint Rock and the Buffalo Canadian. The Flint Rock occurrence was subjected to limited exploration and evaluation in the past, while the Buffalo-Canadian occurrence was only located and exposed during the 2008 exploration program. The best results were obtained from the Flint Rock occurrence where gold values up to 1300 ppm were obtained. At the Buffalo Canadian occurrence the highest gold value attained was 6.09 ppm.

Gold mineraliztion at the Flint Rock is associated with 10-15cm wide quartz-carbonate ± chlorite, ribbon and breccia veins contained within a 1.0 to 3-meter shear zone in andesitic pyroclastics and flows. The veins contain up to 15% disseminated pyrite and up to 1.5% of both chalcopyrite and galena. High gold values are obtained in the presence of galena and chalcopyrite mineralization.

At the Buffalo-Canadian occurrence, shearing pervades both felsic and intermediate volcanic rocks, but is most intense forming a linear zone at the fault contact of these two units. This zone attains a 4-meter width and flanks an east-northeast trending fault scarp. Discontinuous cm-scale quartz-chlorite ± carbonate veins contain up to 5% disseminated pyrite with anomalous gold values in this zone.

Figure 7: Main vein looking west, deep erosional trough of shear and associated oxidized bedrock.

10.0 Exploration

The 2008 trenching and sampling program undertaken by Mantis Explorations Inc. involved mechanical stripping with a Komatsu 300 Excavator, high pressure water power washing of the exposed bedrock, power saw channel and spot cut sampling, portable drill core sampling utilizing a Shaw Portable Core Drill, hammer and chisel grab bedrock sampling and loose bedrock sampling.

Prior to sampling, a datum bench mark was established to which all samples were referenced. The collected samples were bagged, tagged and noted for location. Out of the field, the samples were detailed by stereoscopic observation and compiled onto an excel spreadsheet from which an assay plan map was generated. The geological field maps were digitized and CAD compiled to produce a final trench map showing geology, sample results and locations.

10.1 Flint Rock Occurrence

10.1.1 Exploration Program

The Flint Rock occurrence prior to stripping consisted of vestiges of old workings of 2-blast trenches and 2-blast pits, all heavily overgrown, overburden and organic debris filled, and scattered along an east–west direction for a 100-meter length. The stripping of these old workings effectively exposed them as well as the intervening bedrock revealing a more or less continuous bedrock exposure for the entire 100-meter length and averaging 15-meters in width.

Figure 8: Pressuring-up portable core drill in preparation for coring at the Flint Rock occurrence.

10.1.2 Geology

The trenched area was mapped at a scale of 1:200, observations were recorded on a field map which was later scanned and re-drawn in digital format by CAD software (see Appendix F).

The bedrock of the stripped area consists of andesitic flows and weakly bedded tuff trending 080° with a steep southerly dip. At the northern margin of the trench a 5-meter wide mafic sill conformable to the trend of the volcanics is in contact with the andesitic tuff. The observed south contact dips 65° north. The entire volcanic succession has undergone pervasive chloritization and carbonatization, imparting a buff-green colour to the rocks. More intense carbonatization along with carbonate stockworks occurs in zones of shearing.

Single, multiple, coalescing and bifurcating shear zones trend more or less conformably with the volcanics. Typically, simple linear shears vary in width from 0.3 to 1.0-meter and in areas where they coalesce, 4.7-meter widths are attained. The shear zones strike 070° to 080° and dip 70° south.

Within the ‘main’ shear zone along which the old working are concentrated a multiple, quartz-carbonate ± chlorite vein system with widths of 10-15cm occurs semi-continuously for the entire 100-meter length of the trench. These veins occupy dilational spaces within the shear fabric and where more than one vein is present, a sub-parallel stacking occurs.

Figure 9: Carbonate stockworks and alteration of mafic volcanic, hanging-wall of ‘main’ shear, east end of trench.

10.1.3 Mineralization

The quartz-carbonate ± chlorite veins of the ‘main’ shear contain visible mineralization in the form of native gold, galena, chalcopyrite and pyrite. Galena and chalcopyrite are sporadically present up to 1.5% within the veins. Clusters of gold in mm masses were observed on vein material usually with crystal quartz. Pyrite within the vein averages 3% but can attain concentrations of 15% where it is present in cm-scale, semi-massive form.

High grade gold values are associated with galena mineralization and a strong correlation is evident (see Appendix B). Inevitably, the presence of galena is a good indicator of high grade gold. The highest gold value attained from a grab sample of bedrock containing quartz-carbonate vein material and visible gold was 1,300 ppm or 37.91 opt. Zinc and copper values also reflect a positive correlation to gold values, and although chalcopyrite was observed, sphalerite was not. The association of gold with this base metal assemblage, coupled with a gold-silver ratio, from samples with 34 ppm or greater gold, averaging 3.01, suggests a low temperature depositional environment distal from a heat source.

The 'main' shear zone hosting high grade gold values is semi-continuously mineralized along the 100-meter strike length of bedrock exposed by the trenching and although narrow, averaging 1.5-meters in width, contains unusually consistent high grade gold values.

Subparallel or subsidiary shears can potentially impact the scale of the mineralized zones at the Flint Rock occurrence. One sample towards the western third portion of the trench located 4.5-meters north of the 'main' shear zone in an area of high oxidation and shearing, ran 2.24 ppm along a 0.5-meter sample length. Another sample in the eastern third, 1.5-metes south of the 'main' shear ran 1.58 ppm along a 0.5-meter sample length.

10.1.4 Assay Results

A complete table of assay results with rock descriptions and locates is included in Appendix B. Appendix C contains the original EXCEL format assay results as received from the lab, and the relevant assay certificates are contained in the inclusions of the report CD.

At the Flint Rock occurrence 175-samples were collected and the results of these samples were compiled onto the geological plan map (see Appendix F). Various sampling methodologies were employed in the process of extracting a sample and included; power saw channel sampling, power saw spot sampling, portable drill core sampling, bedrock grab sampling and loose grab sampling.

Results from the sampling program undertaken at the Flint Rock occurrence are extremely encouraging. Of the 175-samples collected, 30-samples or 17% yielded gold values ≥ 34 ppm, 7-samples or 0.04% contained gold values in the range ≥ 17 ppm < 34 ppm, 5-samples or 0.03% contained values in the range ≥ 10 ppm < 17 ppm and 21-samples or 12% returned values in the range ≥ 3 ppm < 10ppm. The remainder of the samples 75.9%, yielded results < 3ppm.

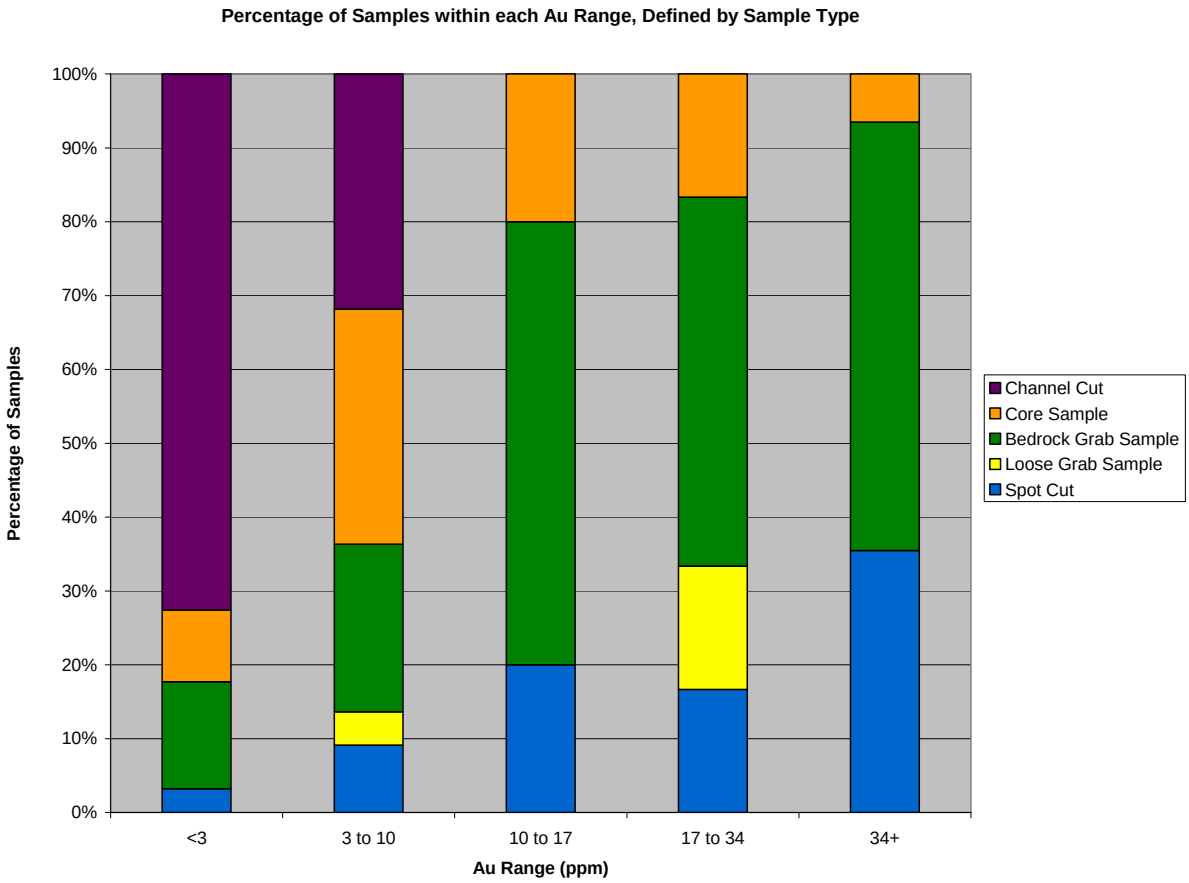


Figure 10: Percentage of samples within each Au range by sample type. Note: 'N" series assay results not included.

Figure 10 illustrates gold values with respect to sample type. High gold values >10 ppm show a strong bias to bedrock grab samples followed by spot cut samples, while channel cuts returned gold values in the low ranges. This relationship is not surprising given that channel cuts were designed to test the enclosing host rock immediately adjacent to the veins, while the spot cuts and bedrock grab samples focused on the mineralized vein material. The spot cut samples taken by power diamond saw were normally taken across the vein with a 15-cm cut that varied in width from 6-8-cm and therefore constitute a representative sample of material. The high percentage of bedrock grab samples that yielded significant gold assays stems from a purely logistical practical aspect of sample extraction. Along the strike of the vein narrow man-made and natural depressions in the bedrock inhibited power saw operation, in which case, in some instances the portable core drill was employed.

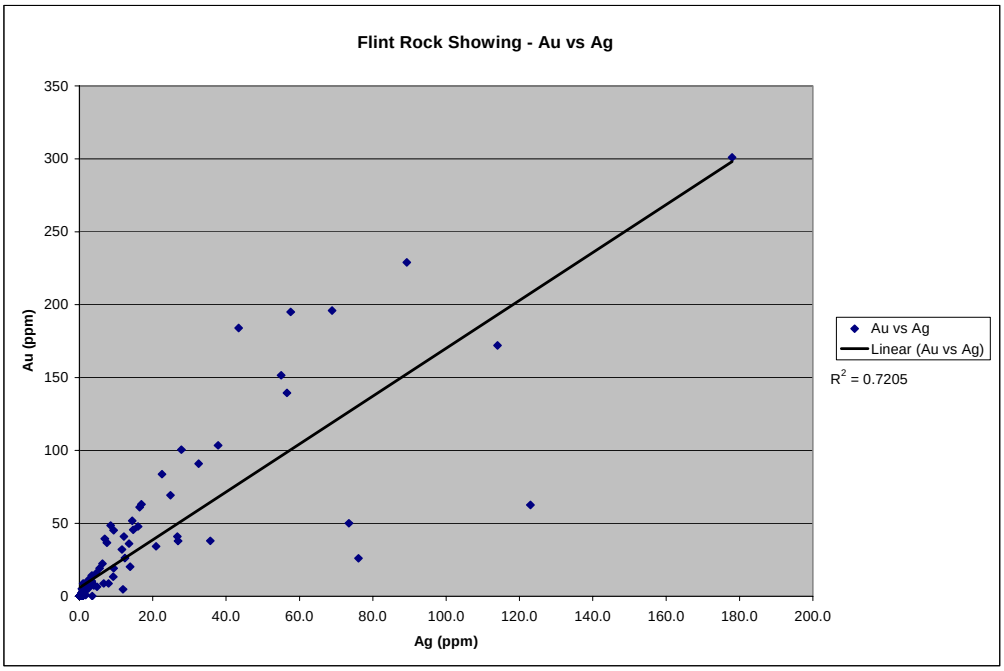
Figure 11: Cluster of visible gold, sample C174401, 5.02 ounce per ton gold. Native gold cluster within red circle.

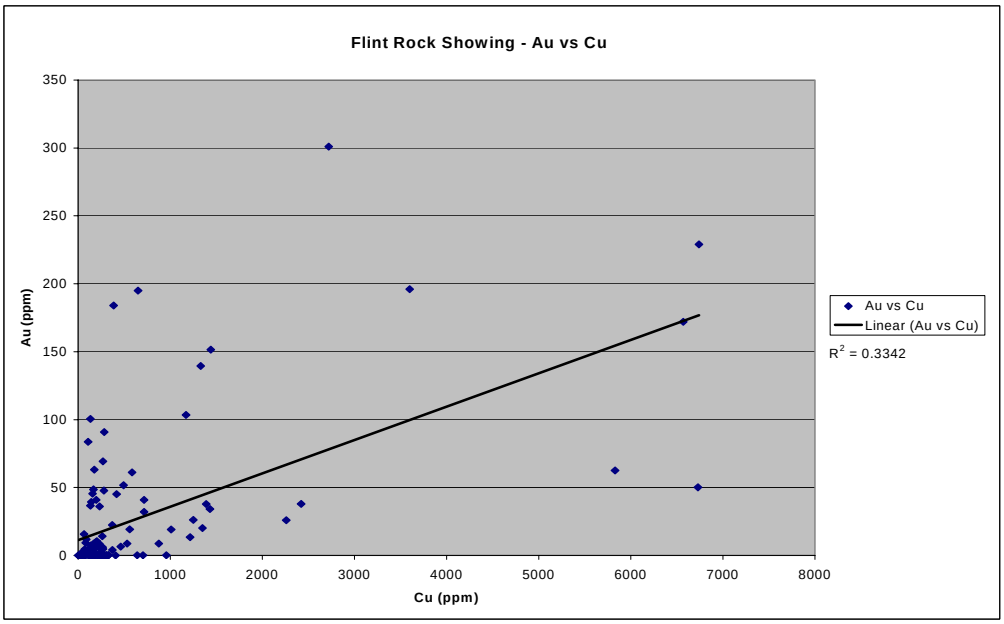
10.1.4.1 Gold

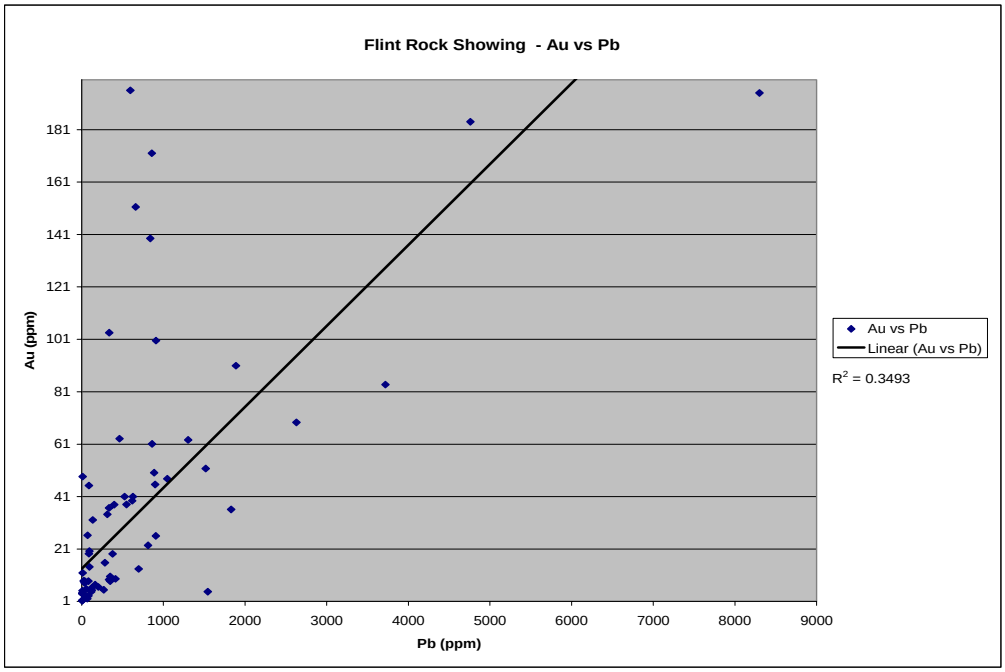
The principle metal of interest is gold and although base metals are present to the extent that a positive correlative relationship exists between them and gold, they do not occur in sufficient concentrations to warrant elaboration.

High gold values tend to be concentrated within narrow quartz-carbonate ± chlorite vein(s) within the 'main' shear; their distribution throughout the exposed 100-meter length of the 'main' shear is extraordinary (see Appendix F). 17% of the samples yielded results >34 ppm or 1.0 opt., and four samples contained native gold. These four samples returned assay results of 62.6 ppm, 172 ppm, 301 ppm and 1300 ppm. The 1300 ppm Au sample was omitted from the Au versus base metal charts to minimize y-axis scale elongation.

The correlation of higher grade gold with the base metal assemblage of copper, lead and zinc is illustrated by the scatter plots below.




Flint Rock Showing - Au vs Cu
Au (ppm)
Cu (ppm)
0
50
100
150
200
250
300
350
0
1000
2000
3000
4000
5000
6000
7000
8000
Au vs Cu
Linear (Au vs Cu)
R2 = 0.3342


Flint Rock Showing - Au vs Pb
Au (ppm)
Pb (ppm)
1
21
41
61
81
101
121
141
161
181
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
Au vs Pb
Linear (Au vs Pb)
R2 = 0.3493

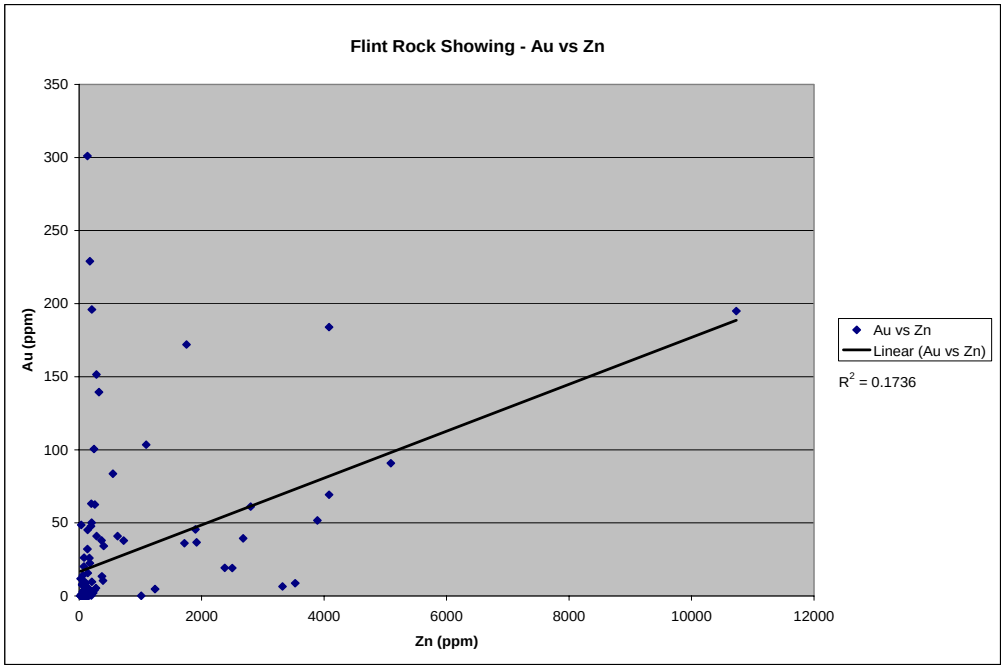


Figure 12: Scatter plots of Au vs Ag, Cu, Pb and Zn.

The scatter plot of gold to silver reveals the strongest positive correlation with an r^2 value of 0.72 and illustrates the invariable association of silver and gold in all types of deposits. The most common silver bearing mineral in gold deposits is tetrahedrite-tennantite.[3] Tetrahedrite has the chemical formula $(Cu,Fe,Ag,Zn)_{12}Sb_4S_{13}$, while tennantite has the chemical formula $(Cu,Ag,Zn,Fe)_{12}As_4S_{13}$. Multi-element analysis reveals low Sb but elevated As levels, suggesting that tennantite, the arsenic ore is present.

The correlation of gold with copper and lead also shows a positive correlation albeit not as strong with r^2 values of 0.33 and 0.34, respectively. In hand samples, the presence of galena and chalcopyrite regularly reflects an expectation of higher gold grades. (see Appendix B).

The scatter plot of gold versus zinc reveals a weaker association of the two metals. The highest zinc value obtained from a sample was 1.73% (17,300 ppm) with a

[3] Boyle, R.W. 1976. The Geochemistry of Gold and its Deposits, Geological Survey of Canada, Bulletin 280. p 123.

corresponding gold value of 195 ppm. This contrasts with the high grade gold sample that returned zinc value of 424 ppm and a corresponding gold value of 1300 ppm.

10.2 Buffalo - Canadian Occurrence

10.2.1 Exploration Program

The Buffalo–Canadian occurrence prior to stripping consisted of what appeared to be the remnants of several heavily overgrown and debris filled blast trenches scattered in a general east-west direction, along a 50-meter length, some cross-cutting, and some parallel to the geological trend of the area. Historical references to this occurrence describe it as being located south of the southern arm of Freymond Lake (currently the south arm is known as Hook Lake). Field crews using GPS control discovered trenches and one drill casing that reasonably matched the historical description of their location.

Upon completion of the trenching at the Flint Rock occurrence the excavator was mobilized from this site and traveled cross-country 2.1-kilometers to the site of the Buffalo-Canadian occurrence. The excavation of the Buffalo-Canadian occurrence un-earthed a continuous strip of bedrock, that measured 55-meters in length by 20-meters in width. Channel cut, spot cut and bedrock grab samples were taken across zones of interest utilizing the same gathering and recording protocol that was employed at the Flint Rock occurrence (see figure 13).

10.2.2 Geology

Historically the geology of the Buffalo-Canadian occurrence is described as greenstones intruded by porphyry dikes with quartz vein stockworks in mineralized zones. Mention is made of shear zones exhibiting silicification and carbonatization with considerable pyrite.

The current mapping of the stripped area revealed an east-west trending volcanic succession with a stratigraphic sequence from north to south of mafic fragmental (basaltic tuff), basalt, feldspar porphyry and finally rhyolite. The contact between the basalt and rhyolite is demarcated by a sharp steep fault scarp and a zone of intense shearing, oxidization, pervasive carbonatization and mm-carbonate-quartz veining

across widths exceeding 6-meters. The juxtaposition of feldspar porphyry at the east end of the strip with the mafic volcanic package suggests a fault controlled contact. This fault may be represented by the north-south trending, steeply east dipping scarp face (see figure 14).

Figure 13: Trench at Buffalo-Canadian occurrence looking east. Tuff band at bottom left and towards centre of image.

10.2.3 Mineralization

Past reports mention that pyrite mineralization is associated with zones of shearing and refer to an instance of visible gold being observed in quartz stock-works and values of 0.02 to 0.08 opt gold. Current mapping confirms that elevated pyrite mineralization up to 3% occurs in shear zones but that the highest concentrations up to 5% are associated with the feldspar porphyry and rhyolite.

Anomalous gold values in the range of greater than 0.100 ppm are associated with mm-cm-scale quartz ± carbonate veins with the fault contact shear zone between the basalt and the rhyolite. Two gold values within this zone (4.48 ppm and 6.09 ppm) were

the highest attained from the sampling program. The 4.48 ppm value is from a basalt with 15% pyrite, and the 6.09 ppm value is from a sample containing a glassy-white quartz vein with 5% pyrite. Most of the values fall in the range 0.100 ppm to 0.500 ppm and tend to lie within 1-meter of the east-west trending fault scrap along its entire length.

Figure 14: Buffalo-Canadian occurrence, fault scarp looking west at contact between felisc volcanics to south and mafic volcanics to north.

10.2.4 Assay Results

A total of 80-samples were collected and submitted for analysis. The sample results are compiled on the geological plan (see Appendix G). With the exception of the two higher gold values mentioned in the previous section no significant results were attained with respect to silver, copper, lead and zinc.

11.0 SAMPLING METHOD AND APPROACH

Samples collected for assay from the stripped trenches consisted of a mixture of channel cuts, spot cuts, bedrock grab samples, loose grab samples and portable drill core/plugger samples. Continuous channel cut samples were executed perpendicular to the quartz vein, across the width of the vein, using a power cut-off saw with a 13-inch diamond blade. These samples were cut 3-cm wide through the vein and on either side for several meters in 50-cm increments. Spot cuts targeted the quartz veins and were generally 15-cm long x 8-cm wide x 5cm deep rectangles, with the long dimension perpendicular to the vein. Loose grab samples were obtained from material dislodged from the trenches during the power washing phase, typically these samples range in weight from 2.0-3.0 kg. Bedrock grab samples were obtained using a hammer and chisel and are from 2.0-3.0 kg in weight, generally targeting the vein especially in areas where saw cutting was not practical. A Shaw portable core drill was used to extract 25-50cm long drill core samples, 2.5cm in diameter. These samples were taken vertically into the quartz vein and generally weigh less than 250g.

Once the samples had been cut, drilled or hammered from the bedrock they were put into separate sample bags with a lab certified assay ticket and a description of its location. The samples were then described in detail regarding the sample location, rock type, mineralogy, alteration, quartz veining and mineralization style and intensity. High magnification stereoscopic observation was routinely undertaken on the samples. All of the information was recorded in digital form on an Excel spreadsheet in Appendix B.

12.0 SAMPLE SECURITY, PREPARATION AND ANALYSIS

Chain of custody and sample security was ensured through the delivery of the samples by Mantis personnel and bonded couriers, to the ALS Laboratory Group in Sudbury, Ontario for preparation.

After the samples arrived at the lab, they were ground down in preparation for the ME-ICP41 and AU-AA23 chemical analyses provided by ALS Laboratory Group. Sample preparation began with crushing of the sample using an oscillating jaw crusher, which reduced at least 70% of the material to <2mm. A riffle splitter was then used to obtain

half of the sample, which was put in a ring pulverizer to produce a pulp of 1000g, with 85% of the material <75µm. The smaller samples produced a 250g pulp at that point in the procedure. A 100-150g portion of the pulp was then packaged and transferred to Vancouver, BC for the analytical process, while the remainder of the pulp was retained for storage at the Sudbury site.

The pulp was analyzed for gold using Au-AA23 finish and multiple elements including, Ag, Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Mg, Mn, Hg, K, La, Mo, Na, Sr, Ni, P, Pb, S, Sb, Sc, Th, Ti, Tl, U, V, W, Zn using ME-ICP41 analysis.

Multi-element analysis was accomplished by acid digestion of a 3 to 5-gram portion of the pulp to produce a sample solution which was then placed into the core of an inductively coupled argon plasma unit and subjected to temperatures of 8000°C. The elements in solution became thermally excited and emitted light characteristic of the wavelength of the element. The actual measurement process was by atomic emission spectroscopy. The spectrometer distinguished the light and a measurement of its intensity was converted to an elemental concentration by comparison to calibrated standards.

Gold analysis consisted of fire assay-atomic absorption procedures on a 30g portion of the pulp for exploration sample analysis. The process involved a fire assay collection, followed by cupellation, dissolution of the precious metal prill and a pre-concentration solvent extraction step. The final determination was by flame AAS in which the solution was drawn through a flame in-conjunction with a directed light beam from a cathode ray lamp containing the element to be measured. The targeted atoms absorbed the light and went into an excited state causing a reduction in the intensity of the light beam. This effect was measured and correlated with concentrations of the desired species. The technique provided a detection limit of 1 ppb.

The AAS finish attained detection thresholds at 10-ppm gold. Samples >10 ppm were tagged to be re-analyzed by fire assay collection with a gravimetric determination of the gold content. In this process a gold bead was produced which was then weighed on a micro-balance, capable of weighing to the nearest microgram[4].

[4] The summary of the analytical techniques was largely derived from the ALS Laboratory Group website and credit is acknowledged for the excellent technical links contained on the site. Detailed information is provided on the website at www.alsglobal.com.

of the gold content. In this process a gold bead was produced which was then weighed on a micro-balance, capable of weighing to the nearest microgram[4].

13.0 DATA VERIFICATION

ALS Laboratory Group, Mineral Division ALS Chemex is an accredited laboratory meeting ISO 9001:2000 registration and in addition is accredited ISO 17025 by Standards Council of Canada for fire assay, gold by AA, ICP and gravimetric finish, multi-element ICP, and AA assays for silver, copper lead and zinc.

The lab routinely employs a quality control protocol of control samples including duplicates, reference material and blanks in all sample batches.

Included with this report are the analysis of the control samples as well as certificates of analysis, (see Appendix E and certificate attachements).

With respect to historical information, the authors of this report have exercised due care and diligence in reporting and compiling the findings from their research of public domain documents upon which portions of this report are based. The authors believe that the information extracted from public domain documents is accurate and factual, but have no way of corroborating its accuracy.

14.0 OTHER RELEVANT DATA AND INFORMATION

The following abbreviations have been used this report.

Abbreviations

Ag	Silver
Al	Aluminium
AAS	Atomic absorption spectroscopy
As	Arsenic
Au	Gold
Au-AA23	Gold-atomic absorption procedure 23
B	Boron
Ba	Barium

[4] The summary of the analytical techniques was largely derived from the ALS Laboratory Group website and credit is acknowledged for the excellent technical links contained on the site. Detailed information is provided on the website at www.alsglobal.com.

Au-AA23	Gold-atomic absorption procedure 23
B	Boron
Ba	Barium
BC	British Columbia
Bi	Bismuth
°C	Degrees celsius
Ca	Calcium
Cd	Cadmium
cm	Centimeter
Co	Cobalt
Cr	Chromium
Cu	Copper
EM	Electromagnetic
Fe	Iron
Ft	Feet
g	Grams
# Ga	Billion years ago
Ga	Gallium
Hg	Mercury
Inc	Incorporated
IP	Induced polarization
K	Potassium
Kg	Kilogram
La	Lanthanum
Ltd	Limited
MaxMinII EM	Maximum/Minimum 2 electromagnetic survey
ME-ICP41	Multi-element inductively coupled plasma
Mg	Magnesium
mm	Millimeter
Mn	Manganese
Mo	Molybdenum
Na	Sodium
NAD	North American Datum
Ni	Nickel
No	Number

NTS	National Topographic System
opt	Ounces per short ton
oz	Ounces
P	Phosphorus
Pb	Lead
ppb	Parts per billion
ppm	Parts per million
S	Sulfur
Sb	Antimony
Sc	Scandium
Th	Thorium
Ti	Titanium
Tl	Thallium
U	Uranium
µm	micrometer/micron
UTM	Universal Transverse Mercator
V	Vanadium
VLF EM	Very low frequency electromagnetic
W	Tungsten
Zn	Zinc

15.0 CONCLUSIONS

The results of the 2008-trenching program are very encouraging especially with respect to the Flint Rock occurrence. A significant amount of samples, 17%, returned assay results ≥ 34 ppm. The 'main' shear zone hosting these values is semi-continuously mineralized along the exposed 100-meter strike length and although narrow, averaging 1.5-meters in width, contains unusually consistent high grade gold values. Subparallel or subsidiary shears can potentially impact the scale of the mineralized zones. One sample towards the western third portion of the trench located 4.5-meters north of the 'main' shear zone in an area of high oxidation and shearing ran 2.24 ppm across 0.5-meters. Another sample in the eastern third 1.5-metes south ran 1.58 ppm across 0.5-meters.

At the Buffalo-Canadian occurrence, the assay results were not nearly as spectacular as those from the Flint Rock occurrence, nevertheless past reports mention visible gold in a stockworks associated with feldspar porphyry. Historical descriptions of the geology of the occurrence do not entirely agree with current observations. An explanation for this inconsistency is that the recent trenching program was not undertaken in the exact area of the historically noted location. Nevertheless, the current sampling program did yield results of 4.48 ppm and 6.09 ppm gold from a geological environment that is favourable to containing gold mineralization. The presence of intense shearing, faulting, carbonate alteration, and veining within a volcanic succession are all encouraging indicators.

16.0 RECOMMENDATIONS

The results of the 2008-trenching program warrant follow-up work as itemized below.

I. Undertake a complete compilation of the Cree Lake property utilizing a GIS system.
II. A prospecting sampling program is recommended for the Flint Rock occurrence.
III. A 2,000-3,000-meter diamond drill program is recommended for the Flint Rock occurrence.
IV. A prospecting-mapping-sampling program is recommended for the Buffalo-Canadian occurrence.
V. A prospecting-mapping-sampling program is recommended for the Cree Lake property as a whole.

17.0 REFERENCES

Barrie, Charles Q., 1988. Airborne Magnetic and VLF-EM Survey, Swayze and Dore Townships, Porcupine Mining Division, Ontario for Charet Syndicate by Terraquest Ltd. Assessment Files.

Bartley, M.W., 1959. A Report on the Prospecting in the Ridout-Swayze Area. Assessment Files.

Bell, Robert C., 1984. Geological Survey Report on Claims in Swayze Township, NTS: 41O15. Assessment Files.

Boyle, R.W., 1979. The Geochemistry of Gold and its Deposits (together with a chapter on geochemical prospecting for the element), Canadian Government Publishing Centre, Hull, Quebec, p. 584.

Brereton, W.E., 1990. Report on the Cree Lake Gold Property of Cree Lake Resources Corp, Swayze and Cunningham Townships, Porcupine Mining Division, Ontario. Assessment Files.

Bruce, C.S., 1981. Report on the Magnetometer Survey Report of the Cree Lake Claims, Swayze Township. N.T.S. 41-O-15, Porcupine Mining Division, Ontario. Assessment Files.

Canadian Nickel Co. Ltd., 1985. Diamond Drilling Report for Hole 72525-0. Assessment Files.

Canadian Nickel Co. Ltd., 1985. Diamond Drilling Report for Holes 72526-72528. Assessment Files.

Canadian Nickel Company Ltd., 1985. Diamond Drilling Report on Hole 72529-0. Assessment Files.

Caven, Roger J., 1976. A Report on the Airborne Magnetic Survey Flown for UMEX by Scintrex Surveys Ltd. Assessment Files.

Colvine, A.C. et al., 1988. Archean Lode Gold Deposits in Ontario: Part I. A Depositional Model: Part II. A Genetic Model, Queen's Printer for Ontario, Ontario, Canada, p. 136.

Crichton, Ron, 1993. Final Submission OPAP 92-814, Cuckoo Lake Property, Swayze Township. Assessment Files.

Crichton, Ron, 1994. OPAP Final Submission, Swayze Township, OP93-711. Assessment Files.

Cunningham, L.J., 1982. Report on the Swayze Township Property of Troudor Resources Inc., Porcupine Mining Division, Ontario. Assessment Files.

Donovan, J.F., 1964. Map No. P.209 – Swayze Township, Ontario Department of Mines. Assessment Files.

Donovan, J.F., 1965. Ontario Department of Mines, Geological Report No. 33, Swayze and Dore Townships, Frank Fogg, Toronto, Ontario, Canada, p. 25.

Dubeau, M., 1987. Report on the Diamond Drilling Programme on the Cree Lake Property, Swayze Township, Ontario for Golden Rim Resources Ltd. Assessment Files.

Edwards, A.B., 1947. Textures of the Ore Minerals and Their Significance., Brown, Prior, Anderson Pty. Ltd., Melbourne, Australia, p. 185.

Flint Rock Mines Limited, 1963. Diamond Drilling Report on Holes 1-12A on Claim S 116847. Assessment Files.

Flint Rock Mines Limited, 1963. Diamond Drilling Report on Holes 1-10 on Claim S 116850. Assessment Files.

Goad, Robin E., 1989. Diamond Drill Record for Can-Mac Exploration Ltd. by Geological Engineering Services, North Bay, Ontario. Assessment Files.

Gordon, J.B. et al., 1979. Gold Deposits of Ontario: Part 2, Part of District of Cochrane, Districts of Muskoka, Nipissing, Parry Sound, Sudbury, Timiskaming and Counties of Southern Ontario, Mineral Deposits Circular 18, Canada, p. 253.

Granges Exploration, 1977. Diamond Drilling Report on Hole SW-32. Assessment Files.

Hamilton, Joseph A., 1993. Report on the 1992 Exploration Programme on the Cree Lake Gold Property of Cree Lake Resources Corp., Swayze and Cunningham Townships, Porcupine Mining Division, Ontario. Assessment Files.

Hodges, Greg, 1987. Report on the Electromagnetic and Magnetic Surveys on the Saxton Lake Property of Glen Auden Resources Limited, Swayze Township. Assessment Files.

Hughes, T.N.J., 1981. Geophysical Report on the Ransom Lake Project, Cunningham Township for Ingamar Explorations Limited. Assessment Files.

Jackson, S.L. and Fyon, J.A., 1991. The Western Abitibi Subprovince in Ontario, in Ministry of Northern Development and Mines, *Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1*, Queen's Printer for Ontario, Ontario, p. 405-482.

Lashbrook, R.L., 1980. Report on an Electromagnetic Survey of the Cree Lake Claims, Swayze Township, N.T.S. 41-O-15, Porcupine Mining Division, Ontario. Assessment Files.

MacQuarrie, D.R., 1982. VLF-EM and Magnetometer Survey on the Cree Lake Gold Prospect of Troudor Resources Inc., Sudbury District, Ontario. Assessment Files.

Rickaby, H.C., 1934. Map No. 43b – Swayze Gold Area, Ontario Department of Mines. Assessment Files.

Salo, J.G., 1990. Report on Geological Exploration Program on the Swayze Township Property for Charles Mortimer. Assessment Files.

Salo, Larry J., 1998. Swayze Township, Work Report, Stripping, Assessment Files.

Sutherland, Don B., 1976. Report on the Electromagnetic and Magnetic Survey, Group 9, Swayze Project, Ontario. Assessment Files.

Sutherland, Don B., 1976. Report on the Electromagnetic Survey, Group 10, Swayze Project, Ontario. Assessment Files.

Szetu, S.S., 1971. Report on a Program of Geophysical Check Surveys in March 1971. Assessment Files.

Terraquest Ltd., 1985. Report on an Airborne Magnetic and VLF-EM Survey, Swayze and Cunningham Townships, Porcupine Mining Division, Ontario for Quinterra Resources Incorporated. Assessment Files.

Winter, L.D.S., 1986. Exploration Summary, Cree Lake Property, Swayze Township, Ontario for Golden Rim Resources. Inc. Assessment Files.

Winter, L.D.S., 1986. Report on the Exploration Program on the Cree Lake Property, Swayze Township, Ontario for Golden Rim Resources Inc. Assessment Files.

APPENDIX-A

Statements of Qualifications/Signature Pages

STATEMENT of QUALIFICATIONS, DATE and SIGNATURE PAGE

I, Walter Hanych of the town of Collingwood, Province of Ontario, do hereby declare that:

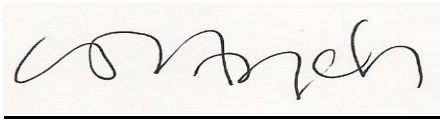
1. I am a geologist and reside at 235 11th Line, Collingwood, Ontario, L9Y 5G6. Telfax 705.445.6440.

2. I graduated from Laurentian University in 1979, with an Honors Degree, Bachelor of Science in Geology.

3. I have been practicing my profession since graduation, and that I am in the process of applying for accreditation with the Association of Geoscientist of Ontario'.

4. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which would make the Technical Report misleading.

5. I consent to the filing of the Technical Report with any Stock Exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.



Walter Hanych

Collingwood, Ontario

December 18, 2008

STATEMENT of QUALIFICATIONS, DATE and SIGNATURE PAGE

I, Sheena Ewanchuk of the city of Collingwood Province of Ontario, do hereby declare that:

1. I am a graduate geologist and reside at 355, Third Street, Collingwood, Ontario, L9Y 1L6. Telephone: 705.441.5510.

2. I graduated from University of Alberta in Edmonton, with an Honors Degree, Bachelor of Science in Geology, in 2006.

3. I am practicing my profession as a contract geologist.

4. I am a member in training with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

5. I consent to the filing of the Technical Report with any Stock Exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public of the Technical Report.

Sheena Ewanchuk

Sheena Ewanchuk
Geol.I.T

Collingwood, Ontario

December 18, 2008

APPENDIX-B

Sample Descriptions and Compilation

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
C165601	Andesite with Quartz Vein	Dark green, fine grained andesite, with very strong chlorite alteration. 5cm bull white quartz vein cutting through andesite with strong chlorite alteration. S1 at 070/90	3% subhedral pyrite throughout vein in mm masses. 2% fine grained disseminated pyrite in andesite, some concentrated at margins of vein. ~1/3 of pyrite is oxidized.	Trench-2, old blast trench 2x20x2.5-meters, azimuth 070	Spot cut		19.2	5.5	559	90
C165602	Andesite	Dark green, fine grained andesite, with very strong chlorite alteration. 3cm bull white quartz vein multibranching into cm scale veins. Heavy chlorite alteration within the veins giving a green-white colour. Shearing and jointing 080/80. Quartz vein at same trend.	7% mm massive and disseminated subhedral pyrite. Most is concentrated within the quartz veins, but some in the andesite. Mineralization appears to be post veining.	Trench-1, old blast trench 2x25-meters, azimuth 060	Grab loose		7.38	3.9	138	166
C165603	Andesite	Dark green, fine grained andesite with 5% mm porphyritic Fe-mags. Very strong chloritization throughout with quartz veining along one fracture face.	3%, 1-4 mm subhedral-euhedral pyrite throughout andesite and along quartz vein fracture face. Pyrite mineralization is spread out with individual grains, ~1/4 of which are oxidized to a dark red-brown colour.	Tench-1	Grab bedrock		0.083	0.4	117	16
C165604	Andesite	Dark green, fine grained andesite with very strong chlorite alteration. Multiple 1-3cm bull white quartz veins with strong chlorite alteration cut through the andesite.	5%, 1-4 mm subhedral-euhedral pyrite throughout the andesite. 75% of pyrite is in the andesite, at the margins of the veins. 25% is within the veins. The pyrite is mm massive near veins and spread out as individual grains in greater sections of the andesite.	Trench-1	Grab bedrock		47.8	16	278	1050
C165605	Altered intrusive	Medium green, fine grained, high level intrusive with strong chlorite alteration. Minor dark brown hematite alteration in cm patches. Cm quartz veining throughout.	1.5% fine-medium grained subhedral pyrite in intrusive and quartz veins. Few pyrite grains are oxidized to a red brown colour.	Pit / Trench-3	Grab bedrock		0.804	0.3	61	6
	Brecciated volcanic	Dark green, fine grained volcanic brecciated into cm subrounded fragments by mm chlorite veining. One, 1cm quartz vein on fracture surface, no mineralization associated	1% fine grained subhedral pyrite throughout, most is oxidized brown-red.							
C165606	Feldspar Porphyry Altered Volcanic	Dark green, coarse grained, feldspar porphyry altered volcanic with very strong chlorite alteation. Mm quartz vein through sample. Dark grey, looks metallic is chlorite	0.5% medium grained subhedral pyrite and trace (one 4mm massive cluster) chalcopyrite throughout granodiorite.		Grab bedrock		0.266	0.2	20	11

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
C174201	Sheared Volcanic	Very rusty, sheared volcanic	25% fine to coarse grained disseminate anhedral to euhedral pyrite	WP 875	Grab		0.069	0.9	640	24
C174202	Quartz vein	Quartz vein material, strong carbonatization and chloritization	5% disseminated and clustered fine grained pyrite	Trench-1 WP 877	Core	23 cm long	14.15	3.4	262	96
C174203	Quartz Vein	10cm grey-white quartz vein, intensely chloritized Weakly banded alternating mm chlorite bands with cm quartz bands.	10% disseminated and mm cluster masses of fine to medium grained anhedral to euhedral pyrite		Grab bedrock		63.1	16.9	175	464
C174204	Quartz Vein	White quartz vein material and intense silicification, moderate carbonatization, weak chloritization, possible moderate albitization?	10-15% very fine grained anhedral to euhedral disseminated pyrite	WP 879	Grab bedrock		0.328	2.1	202	21
C174205	Mafic Volcanic	Intensely silicified, moderate carbonate mafic volcanic.	3% disseminated and mm cluster pyrite, trace galena.	Trench-1, site of CH-CJ-01	Spot cut	25 cm long, 5 cm wide, 7 cm deep	41	12.1	196	627
C174206	Mafic Volcanic	Silicified and quartz vein mafic volcanic, intermittent chloritization and carbonatization.	5% dissemianted and cluster pyrite, 0.5% chalcopyrite associated with vein material	Trench-1, 5m E of C174205 South wall	Grab bedrock		13.4	9.2	1215	698
C174207	Mafic Volcanic	Dump rock, 8cm quartz vein, grey-white, intense chloritization and carbonatization.	5% disseminated fine to medium grained pyrite, trace galena and chalcopyrite	Trench-2	Grab loose		19.15	9.3	1010	378
C174208	Mafic Volcanic	1cm quartz vein, sulphides within intermediate silicification and carbonatization, moderate chloritization, weak sericitization. Sample mass dominated by volcanic host ie. 90%	Trace pyrite in volcanic host rock, with 10% disseminated fine to coarse grained anhedral to euhedral pyrite, trace chalcopyrite within altered rock	Trench-1, north wall, 1m north of C174205	Grab bedrock		0.471	0.8	132	14
C174209	Mafic Volcanic	Silicified mafic volcanic with incipient quartz veining	1% disseminated fine grained pyrite, trace arsenopyrite	Trench 1, 30cm E of C174205 south wall	Core	25 cm long	2.05	0.5	94	70
C174210	Mafic Volcanic	20% quartz vein material in a mafic volcanic, strong chloritization and carbonatization	5% disseminated and cluster pyrite associated with vein and trace-1% in host volcanic	Trench-1, same as C174205	Core	33 cm long	100.5	27.8	133	910
C174211	Mafic Volcanic	3cm quartz vein with pyrite	3cm quartz vein with 3% disseminated pyrite and 0.5% disseminated galena in mafic volcanic	Trench-1 at CHCJ02, north wall 1.2m west of C174205	Spot cut	15cm long	10.5	3.3	201	349
C174212	Mafic Volcanic	Intense silicification and incipient quartz vein	5% disseminated and mm cluster of fine grained pyrite and trace galena	Trench-1, 1.05m west of C174205	Spot Cut	30cm long	61.1	16.4	585	862

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
C174213	Mafic Volcanic	Incipient cm quartz veining with pyrite and galena. Vein material with mafic volcanic host rock.	10% disseminated and mm cluster pyrite, 1% disseminated very fine grained galena	Trench-1 at CHCJ04, 1.1m west of C174205	Spot Cut	15cm long	51.7	14.4	493	1520
C174214	Mafic Volcanic	2cm quartz vein with pyrite and galena, very rusty mm oxidation rind.	15% disseminated fine to coarse grained, anhedral to euhedral pyrite in quartz vein, 3% disseminated galena	Trench-1, same location as CH02, 03, 04, C174213 1.1 meters west of C174205	Grab bedrock		195	57.6	650	8300
C174215	Quartz Vein	Quartz vein material with strong chloritization.	5% disseminated and cluster fine grained pyrite, 1% disseminated galena usually associated with margins of pyrite in mm clusters	Trench-1, at CH02, 03, 04, 09 and C174213 1.1m west of C174205	Grab bedrock		184	43.4	385	4760
C174216	Mafic Volcanic	Mafic volcanic with mm carbonate quartz veinlets.	Trace disseminated fine grained pyrite.	Trench-1, 60cm east of C174205	Core	43cm long	0.303	0.19	34	47
C174217	Mafic Volcanic	Grey quartz vein with pyrite and galena.	7% disseminated and mm cluster pyrite, 1.5% disseminated and cluster fine to medium grained galena.	Trench-1, CHCJ05 91cm east of C174205	Spot Cut	15cm long	83.7	22.5	108	3720
C174218	Mafic Volcanic	Intense silicification, chloritization, carbonatization, weak sericite associated with margins of incipient quartz vein. 20% incipient vein material. Sericite occurs as late wisps or stringers.	3% disseminated and clustered and stringer fine grained pyrite	Trench-1, 30cm east and 30cm south of C174205 New Datum.	Core	45cm long	22.4	6.3	370	813
C174219	Quartz Vein	80% incipient quartz vein and silicified. Strong shear fabric, pyrite and galena	3% disseminated weak stringer fine grained pyrite, rare galena	Trench-1, 0.5m west of C174218	Core	50cm long	8.73	1	169	39
C174220	Mafic Volcanic	Mafic volcanic with weak silicification and moderate carbonatization.	Trace fine grained pyrite	Trench-1, 1.8m north of C174218	Spot Cut	30cm long	0.066	<0.2	31	21
C174221	Mafic Volcanic	10% quartz vein material and silicification, intense chloritization.	1% disseminated fine grained pyrite	Trench-1, 0.5m east C174218	Core	50cm long	4.64	1.4	73	118
C174222	Quartz Vein	Quartz vein material, intense carbonatization and chloritization, channel sample.	3% fine grained disseminated pyrite and trace galena.	Trench-1, 1.3m west of C174218 north wall	Spot Cut	30cm long	45.6	14.7	156	900
C174223	Quartz Vein	Intensely oxidized glassy quartz vein with minor chalcodenic quartz.	25% near massive pyrite mineralization fine to medium grained, anhedral to euhedral. Rare malachite, trace chalcopyrite.	Trench-2, north wall WP 866 373752E, 5293117N .7m north & 1.1m down	Grab bedrock		139.5	56.6	1330	841

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
C174224	Mafic Volcanic	Intense silicification forming incipient quartz veining 40% Intense chloritization and carbonatization.	3% disseminated and cluster fine grained pyrite.	Trench-1, 1.0m east of C174218	Core	50cm long	0.063	3.5	328	441
C174225	Quartz Vein	Quartz vein material, grey-white.	7% disseminated and mm cluster fine to medium grained pyrite, rare chalcopyrite. Overall trace to 0.5% galena but does form sporadic mm concentrations.	Trench-3 WP 887, 373718E, 5293098N	Grab bedrock		39.4	6.9	142	619
C174226	Mafic volcanic	Quartz vein. Weakly silicified, intense chloritization.	1% fine grained disseminated anhedral to euhedral pyrite	Trench-1 1.5m east of C174218, south wall	Core	50cm long	0.817	0.9	46	36
C174227	Quartz Vein	Quartz vein with strong banded chlorite.	5% disseminated and cluster fine to medium grained anhedral to euhedral pyrite. 0.5% disseminated and mm cluster fine grained galena.	Trench-1, 3m west of C174218	Grab bedrock		36.1	13.5	233	1830
C174228	Mafic Volcanic	Intense silicification, chloritization, carbonatization, vol	1% disseminated fine grained pyrite	Trench-1, 15cm east of C174218	Spot Cut	30cm long	9.35	2.6	80	336
C174229	Quartz Vein	Grey quartz vein.	3-5% disseminated fine to medium grained, anhedral to euhedral pyrite. 0.5% cluster fine grained galena	Trench-1, 4m west of C174218, centre of trench	Grab bedrock		4.72	11.9	270	1545
C174230	Quartz Vein	50% quartz vein material with late chlorite fracture filling. Pyrite	5% disseminated and mm cluster fine grained pyrite	Trench-1, 2m east of C174218	Core	40cm long	3.12	0.9	71	83
C174231	Quartz Vein	Grey quartz vein with strong chloritization, very rusty.	5% disseminated and cluster fine grained pyrite, trace chalcopyrite and galena	Trench-1, 3.6m west of C74218	Grab bedrock		69.3	24.8	269	2630
C174232	Quartz Vein	Quartz vein and fine grained dark green basalt, (60:40) 4-5cm wide white-grey glassy quartz vein with heavy sulphide content. Strong rusting on weathered surfaces, strong shear zone.	5-15% sulphides, average of 7% cubic mm massive/semi-massive pyrite in the vein and host rock and average of 3% cubic mm massive galena within the vein	Trench-1, 3.6m west of C17218 south side trench	Grab bedrock		90.9	32.5	283	1890
C174233	Vein Breccia	Fine grained, dark green basalt brecciated by quartz veining. Strong 3mm-1.5cm white quartz veins, sub-parallel with sulphides associated. Moderate to strong carbonatization throughout.	2-10%, average of 5% mm massive and disseminated cubic pyrite in and at margins of veins. Trace-1% cubic galena in quartz veins with pyrite.	4.6m west of C174218, 1-south 1st cut south from centre	Channel	50cm long	5.45	2.4	240	271

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
C174234	Mafic Volcanic	Fine grained, dark green basalt, rare grey quartz along fractures.	Rare disseminated subhedral to euhedral pyrite	4.6m west of C174218 2nd cut, south from 1st cut	Channel	50cm long	0.451	0.19	189	20
C174235	Mafic Volcanic	Fine grained, dark green basalt. 1-4mm white and glassy grey quartz veins, pyrite associated, some veins sheared by second generation perpendicular veins.	0.5-1% cubic pyrite disseminated and mm massive in and at margins of veins	4.6m west of C174218 1st cut north from 1-south	Channel	50cm long	0.195	0.3	328	4
C174236	Mafic Volcanic	Fine grained, dark green basalt, appears moderately sheared. Pyrite. Rare - minor mm white carbonate veins, no sulphides associated.	Trace-1% fine grained disseminated subhedral pyrite in host rock, not associated with veining.	4.6m west of C174218 2nd cut, north from 1st cut north	Channel	50cm long	0.095	0.19	287	4
C174237	Quartz Vein	Fine grained, dark green basalt with 50% heavy mm-cm quartz veining. Veins are glassy and white, randomly oriented, with mm-cm vugs and very little quartz crystal growth within vugs. Second generation mm carbonate veins cross cut quartz veins with no sulphides.	7% subhedral to euhedral pyrite in veins and at margins, 1% galena associated with quartz veining.	9.1m west of C174218, south side of trench	Spot Cut	30cm long	5.71	1.9	193	57
C174238	Basaltic lapilli tuff	Fine grained, medium green mm basaltic lapilli tuff. Moderate to strong carbonate alteration throughout.	Trace disseminated subhedral pyrite in host rock	9.8m west of C174218 1st cut, north of centre of trench	Channel	50cm long	0.052	0.19	46	3
C174239	Mafic Volcanic	Fine grained, dark green basalt, massive. Minor mm white carbonate veining, moderate carbonate alteration throughout.	Trace-1% disseminated fine grained euhedral to subhedral pyrite throughout.	9.8m west of C174218 2nd cut, north of 1st cut	Channel	50cm long	0.029	0.19	69	6
C174240	Basaltic lapilli tuff	Fine grained, dark green mm basaltic lapilli tuff. Pyrite. 1-3mm wide white carbonate veins, mostly subparallel, minor rusting on weathered surface.	0.5% cubic coarse grained disseminated pyrite, ~1/3 associated with quartz veins. Trace-0.5% fine grained disseminated pyrite within quartz veins.	9.8m west of C174218 3rd cut, north of 2nd cut north	Channel	50cm long	0.019	0.19	6	3
C174241	Incipient hydrothermal breccia	Fine grained, medium green incipient hydrothermal breccia of basalt. Very strong carbonate alteration, likely ankerite (does not react to HCL), very soft. Minor mm quartz veins random and brecciated, appears to be weakly sheared.	1-10mm wide pyrite stringers infilling voids made by brecciation. Mm-cm semi-massive at times, mostly cubic (1-20%), average of 10%.	9.8m west of C174218 1st cut, south of centre of trench	Channel	50cm long	3.76	1.1	106	19
C174242	Mafic Volcanic	Fine grained, dark green basalt, massive. Moderate quartz veining, 0.5-3cm grey, glassy and mm carbonate veins with pyrite associated. 1st generation is cm scale	2-3% mm massive subhedral to euhedral pyrite within quartz veining and host rock	9.8m west of C174218 2nd cut, south of 1st cut south	Channel	50cm long 4 South	1.315	0.5	231	7

Table A: Sampe Locations and Descriptions										
							Au	Ag	Cu	Pb
Sample #	**Rock Type**	**Description**	**Mineralization**	**Location**	**Sample Type**	**Sample Specs**	ppm	ppm	ppm	ppm
		quartz, 2nd generation is mm scale carbonate.								
C174243	Mafic Volcanic	Shear zone. Fine grained, dark green-black, basalt. Strong carbonatization, moderate quartz veining cm-scale, with euhedral crystals on fracture surface, no sulphides associated in basalt. Strong rust on weathered surface, heavy shear zone.	5% disseminated, mm massive cubic-subhedral pyrite throughout, possible fine grained trace galena in quartz veins.	22.8m west of C174218 centre of trench	Grab bedrock		45.2	9.3	417	90
C174244	Incipient hydrothermal breccia	Fine grained, medium green basalt/incipient hydrothermal breccia. Strong carbonate alteration throughout causing a bleached green look (possibly ankerite, soft, does not react to HCl). Trace mm quartz veins, moderate rusting on weathered surface, moderate to strong shear zone.	1-5% cubic disseminated, mm massive and stringer pyrite infilling voids created by brecciation, average of 3%.	25.8m west of C174218 centre of trench	Spot Cut	30cm long	0.136	0.3	957	3
C174245	Mafic Volcanic	Fine grained, dark green basalt, minor to moderate 1-5mm wide white-grey carbonate veining	0.5% disseminated subhedral pyrite, associated within veins and at margins.	22.8m west of C174218 1st cut, south of centre	Channel	50cm long	8.59	1.4	228	27
C174246	Mafic Volcanic	Fine grained, dark green basalt, heavy shear zone. mm white carbonate veins, minor to moderate, no sulphides associated.	2% very fine grained disseminated pyrite and some mm massive pyrite throughout	22.8m west of C174218 2nd cut, south of 1st cut south	Channel	50cm long	0.12	0.19	174	3
C174247	Mafic Volcanic	Fine grained, dark green basalt, strong carbonatization Moderate 1-5mm white randomly oriented carbonate veiing with sulphides associated. Strong shearing, minor rusting on weathered surface.	1-2% euhedral to subhedral disseminated and mm massive pyrite within and at margins of veins.	22.8m west of C174218 1st cut, north of centre cut	Channel	50cm long	0.353	0.6	73	4
C174248	Incipient Hydrothermal Breccia	Fine grained, medium to dark green basalt/incipient hydrothermal breccia. Cm sections of strong carbonate alteration as incipient hydrothermal breccia. Moderate mm carbonate veining with pyrite associated.	2-3% very fine grained euhedral to subhedral disseminated pyrite throughout the host rock and associated with carbonate veining.	22.8m west of C174218 2nd cut, north of 1st cut north	Channel	50cm long	0.495	0.3	32	5
C174249	Basaltic lapilli tuff	Fine grained, dark green, basaltic lapilli-tuff, massive. Moderate carbonatization throughout, minor mm randomly oriented white carbonate veining, sulphides not associated, mostly fracture infills.	Average 2% disseminated coarse grained pyrite, up to 10% on some faces, mostly cubic, some subhedral.	3.5m east of C174218, south wall	Grab bedrock		0.028	0.2	120	4
C174250	Mafic Volcanic	Fine grained, dark green basalt. Moderate cm white, glassy quartz veins with sulphides associated. Strong	1-6%, average of 3%, cubic pyrite associated in and with quartz veins as well as in host rock.	0.5m west of C174218 centre of trench	Grab bedrock		15.75	4.6	64	285

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
		shear zone.	Within quartz veins pyrite is coarse grained and fresh looking, within host rock pyrite is fine grained and appears more weathered.							
C174251	Basalt	Fine grained, dark green basalt. Strong chlorite, weak carbonate alteration and mm carbonate veins.	1% stringe, mm massive, disseminated pyrite.	26.4m east of C174218 1st cut, north of trench centre	Channel	50cm long	0.04	0.4	262	2
C174252	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration. Moderate shearing.	1-1.5% disseminated, coarse grained, mm massive, euhedral pyrite.	26.4m east of C174218 1st cut, south of trench center	Channel	50cm long	0.256	0.3	230	3
C174253	Basalt	Basalt with mm-cm xenoliths of cream-white, high silica-sericite breccia fragments. Late chlorite phase resulting in crackle breccia. Strong shear fabric. Sample incorporates 4cm quartz vein with pyrite and galena	3% disseminated pyrite. 5% disseminated and mm massive pyrite and 1.5-2% disseminated and semi-massive galena in quartz vein.	26.4m east of C174218 2nd cut, south of 1st cut south	Channel	50cm long	2.11	0.6	237	35
C174254	Basalt	Fine grained, green-grey basalt. Strong chlorite alteration. Weak mm vein and cm patches of carbonate. Moderate shearing, weak 0.5cm quartz-carbonate veins, no sulphides associated.	Trace-0.5% fine grained, disseminated, stringer pyrite, stringers are sheared.	28.9m east of C174218 1st cut, north of trench centre	Channel	50cm long	0.174	0.4	704	2
C174255	Basalt	2cm grey-white quartz vein in basalt.	5% disseminated, semi-massive, fine to medium grained, anhedral to euhedral pyrite. Trace galena, rare chalcopyrite.	28.9m east of C174218 1st cut, south of trench centre	Channel	50cm long	32.1	11.6	716	137
C174256	Mafic Tuff	Dark green, massive, mafic tuff.	No significant mineralization.	24.8m east of C174218 and 3m north of main vein, 1st cut north	Channel	50cm long	0.126	0.2	245	<2
C174257	Basalt	Fine grained, green-grey basalt. Weak to moderate silicification as pseudo-veins. Weak mm carbonate veins, moderate to strong chlorite alteration.	1% disseminated, medium to coarse grained, euhedral to subhedral pyrite.	24.8m east of C174218 and 3m north of main vein 2nd cut, north of 1st cut	Channel	50cm long	0.063	0.2	57	<2
C174258	Feldspar-phyric Basalt	Feldspar-phyric basalt. Strong pervasive carbonatization. 1% anhedral plagioclase feldspar phenocrysts.	1% disseminated, fine grained, anhedral to subhedral pyrite.	24.8m east of C174218 and 3m north of main vein 3rd cut, north of 2nd cut north	Channel	50cm long	0.016	0.19	65	<2
C174259	Dacite	Medium grained, medium grey dacite, ~40% quartz. Moderate chlorite alteration, weak mm carbonate veining.	Trace-3%, average 2%, disseminated, medium to coarse grained, cubic pyrite.	25m east of C174218 and 4.5m north of main vein, 1st cut north	Channel	50cm long	0.025	0.2	33	<2
C174260	Dacite	Fine grained, medium grey dacite. Weak to moderate mm	0.5-1% fine to coarse grained, euhedral to	25m east of C174218 and 4.5m	Channel	50cm long	0.064	0.19	33	<2

Table A: Sampe Locations and Descriptions							Au	Ag	Cu	Pb
Sample #	**Rock Type**	**Description**	**Mineralization**	**Location**	**Sample Type**	**Sample Specs**	ppm	ppm	ppm	ppm
		carbonate veins.	subhedral, disseminated pyrite.	north of main vein, 2nd cut north						
C174261	Quartz Vein	White quartz vein with 20-30% green host rock. Strong chlorite alteration and shearing in host rock. Strong ankerite alteration throughout.	2-10%, average 7%, cm-mm massive, disseminated, euhedral to subhedral pyrite. 0.5% mm massive, disseminated, dark grey galena in quartz, near pyrite.	34.2m east of C174218	Grab bedrock		34.2	20.9	1430	314
C174262	Basalt	2cm white-grey quartz vein in part brecciated.	5% disseminated, anhedral to euhedral pyrite in basalt. 1.5% disseminated galena. Trace chalcopyrite and rare malachite.	36.8m east of C174218	Grab bedrock		8.73	6.6	530	348
C174263	Silicificaiton Zone	Host rock (30-60%) is green-grey, moderate to strong chlorite alteration. Moderate ankerite mm-cm patches throughout. Strong silicification and cm glassy quartz veining.	3-5%, average 4%, interstitial, mm-cm massive, disseminated, euhedral to subhedral pyrite. 3-5%, average 4%, interstitial, mm massive chalcopyrite. 1-3% very fine grained, disseminated malachite often associated with pyrite and chalcopyrite. Fine grained, red, oxidized chalcpyrite at margins of most chalcopyrite.	34.6m east of C174218	Spot cut	50cm long	50.1	73.5	6730	887
C174264	Basalt	Quartz vein breccia in basalt. Mm-cm grey-white quartz vein fragments. Late chlorite veins forming crackle breccia.	3% disseminated and semi-massive pyrite. 0.5% chalcopyrite, trace malachite, rare galena.	35.0m east of C174218	Spot cut	50cm long	41	26.7	715	525
C174265	Basalt	Quartz vein breccia in basalt. Strong carbonate alteration and silicification.	5% disseminated and semi-massive pyrite. Rare galena, 0.5-1% chalcopyrite, minor malachite. 2mm visible gold cluster within grey quartz.	34.6m east of C174218	Grab bedrock		62.6	123	5830	1305
C174266	Quartz Vein	Glassy quartz vein with mm ribbons and patchs of strongly chloritized host rock. Weak mm carbonate veins.	5% mm massive, disseminated, stringer, cubic pyrite. 2-3% mm massive, disseminated, stringer chalcopyrite. 1% mm massive, silver grey galena. Rare disseminated malachite.	34.5m east of C174218	Core	28cm long	38	35.7	2420	549
C174267	Quartz Vein	Medium green, quartz-chlorite-carbonate-sericite vein. Strong chlorite and carbonate alteration. Intense rusting on weathered surfaces and fractures.	Average 20% semi-massive, cubic pyrite. Trace mm massive galena.	41.4m east of C174218	Grab bedrock		8.76	7.9	874	82
C174268	Quartz Carbonate Vein	Intensely oxidized quartz-carbonate vein material with subhedral quartz crystals.	10% disseminated, anhedral to euhedral pyrite, rare galena. Crystallized quartz with 2mm visible gold within tip of subhedral quartz crystal.	40.2m east of C174218 East pit area	Grab bedrock		1300	259	1200	2140

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
C174269	Quartz Chlorite Vein	Quartz-chlorite ladder vein, white opaque quartz with chlorite ladder structure and crackle breccia. Entire 12x12cm sample is vein material.	5% disseminated, anhedral to euhedral pyrite. 0.5% disseminated galena.	37.0m east of C174218	Grab bedrock		6.48	4.8	461	205
C174295	Quartz Vein	Glassy quartz vein and mm-cm quartz veining. Mm-cm ribbons of strong chlorite altered host rock, possibly basalt. Weak to moderate ankerite alteration as mm-cm patches.	10-15% mm massive, semi-massive, disseminated, euhedral to subhedral pyrite. 2-3% mm massive, disseminated chalcopyrite, often with pyrite and oxidized to red, blue and green. 0.5% disseminated, fine grained malachite, often associated with chalcopyrite. Possibly trace galena.	34.0m east of C174218	Grab bedrock		26	76.1	2260	908
C174296	Quartz Vein	Quartz-carbonate-chlorite vein.	3% disseminated chalcopyrite. 3% disseminated and semi-massive pyrite. Visible gold in 3mm cluster, associated with grey quartz. Site of original visible gold find.	34.0m east of C174218	Grab bedrock		301	178	2720	1190
C174401	Quartz Vein	4-cm quartz-chlorite vein in basalt. Moderately sheared and silicified.	3% disseminated and clustered fine grained . 1% disseminated fine grained chalcopyrite, trace malacite. Two, 3mm clusters of visible gold.	34m east of C174218	Grab bedrock		172	114	6570	860
C174451	Vein Breccia	Fine grained, dark green basalt/vein breccia. 40-80% quartz veining, grey-white veins, 3mm-5cm wide with sulphides associated. Minor to moderate rusting on weathered surface, moderate to strong silicification and carbonate alteration throughout.	5-10% Py, average of 8% disseminated coarse grained and mm massive, mostly cubic, within and at margins of quartz veins.	20.7m west of C174218 bottom of trench, north side	Grab bedrock		0.199	0.3	174	13
C174452	Mafic Volcanic	Fine grained, dark green basalt. Minor 1mm white quartz veins, few sulphides associated. Minor grey, glassy, coarse euhedral quartz on fracture surfaces, no sulphides associated.	1% disseminated cubic to subhedral pyrite, few associated in quartz veins.	27.4m west of C174218 north wall of trench	Channel	2-north, 50cm	0.094	0.19	191	4
C174453	Mafic Volcanic	Fine grained, dark green basalt, highly carbonatized throughout. Rare mm white carbonate veins, moderate rusting on weathered surface.	1% cubic to subhedral disseminated and mm massive pyrite associated with carbonatization.	27.4m west of C174218	Channel	1-north, 50cm	0.051	0.19	406	2
C174454	Mafic Volcanic	Fine grained, dark green basalt with cm-dm sections of strong carbonate alteration (likely ankerite, as it doesn't	3-4% cubic disseminated and mm massive pyrite in cm long stringers of pyrite within carbonate	27.4m west of C174218	Channel	1-south, 50cm	0.041	0.19	259	22

Table A: Sampe Locations and Descriptions										
							Au	Ag	Cu	Pb
Sample #	**Rock Type**	**Description**	**Mineralization**	**Location**	**Sample Type**	**Sample Specs**	ppm	ppm	ppm	ppm
		react to HCl) giving it a bleached green look. Strong rusting (Fe-cb) on weathered surface.	zones and in unaltered basalt							
C174455	Mafic Volcanic	Fine grained, dark green, moderately silicified basalt. Minor to moderate mm white quartz veining, minor rusting on weathered surface. Appears to be moderately sheared, moderate carbonate alteration throughout.	2% fine grained disseminated euhedral to subhedral pyrite throughout, not necessarily associated with veins.	27.4m west of C174218	Channel	2-south, 50cm	0.041	0.19	306	11
C174456	Mafic Volcanic	Fine grained, dark green basalt, highly carbonatized, moderately sheared.	1% disseminated fine grained cubic to subhedral pyrite throughout.	27.4m west of C174218 south wall of trench	Channel	3-south, 50cm	0.106	0.19	285	4
C174457	Mafic Volcanic	Fine grained, dark green basalt, highly carbonatized with moderate to strong 1-10mm grey-white quartz veining.	4-5% cubic to subhedral pyrite as mm massive and disseminated within and at margins of quartz veins.	1.6m east of C174218	Channel	1-north, 50cm	3.33	0.8	57	42
C174458	Mafic Volcanic	Fine grained, dark green basalt, massive. Minor 1-2mm carbonate veins, white, no sulphides associated. Moderate carbonate alteration throughout.	Trace disseminated cubic to subhedral pyrite, not associated with veins.	1.6m east of C174218	Channel	2-north, 50cm	0.026	0.19	11	11
C174459	Mafic Volcanic	Fine grained, dark green basalt. Moderate carbonate alteration throughout. Moderate mm quartz veins at random orientations. Moderate rusting on weathered surface.	1% cubic disseminated medium grained pyrite throughout, not associated with veins.	1.6m east of C174218	Channel	1-south, 50cm	0.054	0.5	80	11
C174460	Basaltic lapilli tuff	Fine grained basaltic lapilli tuff, minor 1-5mm white carbonate veining. Moderate carbonate alteration.	Trace-1% disseminated pyrite, cubic to subhedral associated with carbonate veins, often in sheared stringers of disseminated pyrite, subparallel to veins.	1.6m east of C174218	Channel	2-south, 50cm	0.013	0.2	45	3
C174461	Basaltic lapilli tuff	Fine grained, dark green basaltic lapilli-tuff. Moderate carbonate alteration throughout, minor mm carbonate veining.	0.5% cubic to subhedral medium grained disseminated pyrite.	1.6m east of C174218	Channel	3-south, 50cm	0.023	0.19	8	2
C174462	Mafic Volcanic	Fine grained, dark green basalt. Minor mm carbonate veins, white, randomly oriented, pyrite not associated. Moderate carbonate alteration.	2-3% disseminated and mm massive cubic to subhedral pyrite.	2.9m east of C174218	Channel	1-north, 50cm	0.034	0.19	233	3
C174463	Basaltic lapilli	Fine grained, dark green mm basaltic lapilli-tuff.	Trace-1% pyrite within quartz veins, average of 2%	2.9m east of C174218	Channel	1-south	0.012	0.7	158	7

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
	tuff	Moderate carbonate alteration, moderate to strong quartz veining. 1-3mm white veins, with pyrite associated. Pseudo vein breccia by quartz veining.	(1-3%) disseminated euhedral to subhedral pyrite, some mm massive associated with veins, at margins and in host rock.							
C174464	Mafic Volcanic	Fine grained, dark green basalt. Strong carbonate alteration throughout. Minor to moderate 1-5mm white carbonate veins, not necessarily associated with sulphides.	Average 5% disseminated, coarse grained euhedral to subhedral pyrite. Up to 10% disseminated pyrite in quartz veins on subhorizontal fractures.	2.9m east of C174218	Channel	2-south	0.024	0.19	15	4
C174465	Basalt	Medium green, massive, moderate carbonatization.	Trace fine grained prite.	11.3m east of C174218	Channel	1-north, 50cm	0.016	0.19	67	<2
C174466	Basalt	Dark green, fine grained, massive, unaltered.	No significant mineralization.	11.3m east of C174218	Channel	2-north, 50cm	0.039	0.2	142	<2
C174467	Basalt	Medium green, fine grained, moderate pervasive carbonatization.	No significant mineralization	11.3m east of C174218	Channel	3-north, 50cm	0.018	0.3	174	<2
C174468	Basalt	Medium green, fine grained. Occasional randomly oriented 2-3mm carbonate-quartz veinlets.	Trace fine grained disseminated pyrite.	11.3m east of C174218	Channel	1-south, 50cm	0.167	0.19	226	<2
C174469	Basalt	Medium green, fine grained, moderate carbonatization. Occasional 2-3mm randomly oriented carbonate-quartz veinlets.	Rare fine grained disseminated pyrite.	11.3m east of C174218	Channel	2-south, 50cm	0.147	0.2	286	<2
C174470	Basalt	Intense silicification and incipient quartz vein development with strong carbonate alteration and veinlets forming an incipient breccia.	3% fine grained disseminated anhedral to euhedral pyrite. Trace fine grained disseminated chalcoprite.	5.0m east of C174218, north side of trench	Spot cut	1-north, 10cm	48.6	8.5	165	13
C174471	Basalt	Medium green, fine grained, moderate carbonatization. Cm patches of silicification. High density of randomly oriented 0.5-3.0mm carbonate veinlets.	Trace fine grained disseminated anhedral to subhedral pyrite.	6.0 m east of C174218 south side of trench	Channel	1-north, 50cm	0.131	0.3	266	<2
C174472	Basalt	Medium green, fine grained. High density of mm randomly oriented carbonate-quartz veinlets. Quartz microbrecciated by late carbonate veinlets.	1% disseminated fine grained anedral to euhedral pyrite.	6.0 m east of C174218	Channel	1-south, 50cm	0.311	0.19	105	<2
C174473	Mafic lapilli tuff	Moderate pervasive carbonatization. Weak cm scale silicification.	Trace fine grained disseminated anhedral pyrite.	5cm east of C174218	Channel	1-north, 50cm	0.018	0.19	12	<2
C174474	Basalt	Medium green, fine grained, moderate pervasive	Trace fine grained anhedral pyrite.	5cm east of C174218	Channel	2-north, 50cm	0.02	0.2	6	<2

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
		carbonatization.								
C174475	Basalt	Medium green, fine grained. Moderalte pervasive carbonatization.	No significant mineralization.	5cm east of C174218	Channel	1-south, 50cm	0.013	0.19	2	<2
C174476	Basalt	Strong carbonatization forming an incipient breccia. Strong silicification forming incipient quartz veining.	3% disseminated and weak stringer pyrite.	5cm east of C174218	Channel	2-south, 50cm	9.65	3.4	191	414
C174477	Basalt	Moderate carbonatization and silicification.	Cm sections with 3% disseminated and mm massive pyrite clusters.	5cm east of C174218	Channel	3-south, 50cm	5.3	1.4	171	126
C174478	Basalt	Strong pervasive carbonatization forming an incipient breccia. 2cm flat lying quartz vein with mm orthoganol satellite veinlets. Minor flow breccia at cm-scale.	1% disseminated pyrite associated with veining.	1.6m east of C174218	Channel	3-north, 50cm Starts at 2-north	0.036	0.19	312	9
C174479	Basalt	Medium to coarse grained basalt. Strong carbonatization, moderate chloritization.	No significant mineralization.	1.6m east of C174218	Channel	4-north, 50cm end of north channel	0.034	0.2	124	<2
C174480	Volcanic	Very rusty quartz vein, host volcanic contain weakly banded pyrite.	20% pyrite in mm-2cm bands. Overall 10% disseminated and semi-massive, euhedral to anhedral, fine to medium grained pyrite, rare chalcopyrite.	28.0m east of C174218	Grab bedrock		151.5	55	1440	661
C174481	Volcanic	Grey-white, quartz vein and volcanic host rock with pyrite.	10-15% disseminated, fine to medium grained, semi-massive pyrite associated with quartz vein.	28.2m east of C174218	Grab bedrock		229	89.3	6740	617
C174482	Basalt	Basalt with intense silicic and quartz veining breccia.	10% disseminated and semi-massive, fine to medium grained pyrite, rare chalcopyrite.	28.25m E of C174218	Spot cut	15cm	196	68.9	3600	595
C174483	Quartz-Chl Vein	Quartz-chlorite vein with pyrite.	3-5% disseminated and semi-massive, yellow and white, fine to medium grained, anhedral to euhedral pyrite.	27.8m E of C174218	Spot cut	15cm	103.5	37.8	1170	338
C174484	Basalt	Basalt with intense silicic and incipient quartz-chlorite veining.	1-3% disseminated, fine grained, anhedral to euhedral pyrite.	5.7m at 214° back to C174218 north side of trench	Grab bedrock		11.85	2.7	89	13
C174485	Basalt	6cm quartz vein in basalt.	1% disseminated pyrite in vein.	3.0m east of C174218	Core	25cm long	0.886	1.7	63	34
C174486	Basalt	Fine grained basalt with mm scale incipient carbonate-	1% pyrite associated with veinlets.	2.86m east of C174218	Core	20cm long	0.015	0.19	120	<2

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
		quartz veinlets.								
C174487	Basalt	Intense silicification and chloritization forming an incipient quartz vein and quartz flooding.	3% disseminated and stringer very fine grained to fine grained pyrite.	2.6m east of C174218	Core	30cm long	8.01	2.5	206	39
C174488	Basalt	Intermittent mm to cm scale, up to 2cm quartz veining with pyrite.	3% disseminated and cluster pyrite associated with quartz veining.	4.4m west of C174218	Core	27cm long	6.04	2.4	265	116
C174489	Basalt	Strongly sheared basalt, containing mm scale, subparallel quartz-carbonate veinlets. Strong chloritization, weak epidotization.	3% pyrte associated with veinlets and intermittently and at edges.	5.5m west of C174218 centre of trench	Grab bedrock		0.608	0.5	188	5
C174490	Quartz-Chl Vein	Quartz-chorite vein with pyrite.	5% disseminated, anhedral to euhedral, fine to medium grained pyrite, also as mm massive.	8.5m west of C174218 south side	Spot cut	12cm long	36.7	7.5	133	336
C174491	Basalt	Medium green, fine grained basalt.	Trace fine grained, disseminated pyrite.	9.3m west of C174218	Core	50cm long	5.07	0.7	154	11
C174492	Basalt	Basalt with mm-scale, randomly oriented carbonate-quartz veinlets	No significant mineralization.	27.2m east of C174218	Channel	1-north	0.101	0.19	205	<2
C174493	Basalt	Medium green, fine grained basalt. Moderate pervasive carbonatization.	1% very fine grained disseminated pyrite.	27.2m east of C174218	Channel	1-south	4.06	1.8	371	4
C174494	Basalt	Basalt, strong carbonatization, moderate silica forming incipient quartz veins.	5% disseminated and cluster pyrite associated with quartz.	29.8m east of C174218 centre of trench	Grab bedrock		26.2	12.4	1250	73
C174495	Basalt	Strong carbonatization and chloritization. Moderate to strong silicification and quartz veining.	3% disseminated, fine grained, anhedral to euhedral pyrite associated with quartz.	18.6m west of C174218 north wall	Grab bedrock		1.27	0.7	82	7
C174496	Basalt	Intensely sheared basalt. Moderate sericitization.	Overall 15% pyrite, semi-massive, euhedral pyrite in 1cm band hosted by shear.	18.6m west of C174218 south wall	Grab bedrock		0.198	0.9	305	10
C174497	Basalt	Intensely carbonate and quartz veined basalt. Intense chloritization associated with quartz.	5% disseminated, fine to medium grained, anhedral to euhedral pyrite associated with quartz.	19.5m west of C174218 north wall	Grab bedrock		4.05	1	102	7
C174498	Basalt	Basalt, weak shearing with intense carbonatization associated with incipient quartz veining. Stringer pyrite forming brecciation of carbonate alteration section.	3% disseminated, fine grained, anhedral to subhedral pyrite associated with quartz and mm stringer pyrite.	10.2m west of C174218	Core sample	50cm long	8.86	1.7	199	26

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
C174499	Quartz-Chl Vein	Quartz-chlorite vein, weakly banded at mm-scale, ribbon vein.	7% disseminated, fine to medium grained, anhedral to euhedral pyrite. Rare galena.	33.7m east of C174218	Grab bedrock		37.9	26.9	1390	397
C174500	Basalt	mm-cm scale quartz vein and moderate silicification in intensely chloritized basalt.	3% disseminated and cluster fine to medium grained, anhedral to euhedral pyrite.	28.8m east of C174218	Grab bedrock		20.2	13.8	1350	95
N651351	Dacite	Medium grained, green-grey dacite. 20-30% quartz. Weak to moderate silicification of pseudo-quartz veins. Moderate to strong shearing. Strong ankerite on weathered surfaces.	0.5% disseminated, coarse grained, cubic pyrite.	Hook Lake, 17.8m N of WP 888 at 32°	Channel cut	SH-MV	0.005	<0.2	16	<2
N651352 *5012204*	Basalt	Fine grained, green-grey andesite. Moderate to strong hairline to mm carbonate veining. Weak cm patches of pink and grey silicification. Moderate chlorite alteration.	1% disseminated, fine grained pyrite in cm patches and stringers.	Cree Lake, 4 North	Channel cut	50cm long	0.169	<0.2	203	2
N651353 *5012206*	Basalt	Feldspar-phyric basalt with 3% mm crystals. Mild chloritization. Massive, dark green. Strong carbonatization as hairline veinlets.	Trace fine grained pyrite.	Cree Lake, 6 North	Channel cut	50cm long	0.043	<0.2	36	2
N651354 *5012207*	Basalt	Feldspar-phyric basalt with 5% crysals. Moderate chloritization, massive, dark green. Strong carbonatization as hairline veinlets.	Trace fine grained pyrite.	Cree Lake, 7 North	Channel cut	50cm long	0.091	<0.2	54	2
N651355 *5012213*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration and mm carbonate veining. Weak to moderate yellowish sericite in carbonate veins.	No visible sulphides.	Cree lake, 7 South	Channel cut	50cm long	0.067	<0.2	291	<2
N651356 *5012201*	Basalt	Massive, dark green basalt. 5% mm altered hornblende crystals. Moderate carbonatization and chloritization.	No significant mineralization.	Cree Lake, 5.1m W of east pit edge 1 South	Channel cut	50cm long	0.256	<0.2	362	<2
N651357 *5012202*	Basalt	Highly altered, medium grey andesite, fine grained. Strong carbonate, overprinting weak to moderate chlorite alteration. Moderate vuggyness, mm-cm vugs with strong rusting on walls. Weak mm quartz-carbonate veins.	0.5% fine grained, disseminated pyrite.	Cree Lake, Start 5.1m W of east pit 2 North	Channel cut	50cm long	0.315	<0.2	224	<2
N651358 *5012208*	Basalt	Massive dark green basalt. 3% chlorited altered hornblende crystals. Moderate chloritization and carbonatization.	No significant mineralization.	Cree Lake, 2 South	Channel cut	50cm long	0.037	<0.2	58	<2
N651359 *5012212*	Basalt	Fine grained, altered, dark green basalt. Strong chlorite, moderate sericite alteration overprinting. Trace mm vugs with	No visible sulphides.	Cree Lake, 6 South	Channel cut	50cm long	0.064	<0.2	135	<2

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
		rusting on walls. Weak carbonate ± quartz veining.								
N651360 *5012203*	Basalt	Fine grained, dark green, highly altered/sheared basalt. Strong chlorite, moderate carbonate, weak to moderate sericite alteration. Very strong shearing. Weak to moderate carbonate-quartz veins, randomly oriented (syn-/post-shearing).	0.5% very fine grained, disseminated pyrite.	Cree Lake, 3 North	Channel cut	50cm long	0.208	<0.2	403	<2
N651361 *5012205*	Basalt	Dark green, massive basalt. Strong carbonatization. Weak mm patchy silicic alteration. Moderate chloritization.	No significant mineralization.	Cree Lake, 5 North	Channel cut	50cm long	0.55	<0.2	49	<2
N651362 *5012211*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate, moderate sericite alteration. Weak mm carbonate veining.	No visible sulphides.	Cree Lake, 5 South	Channel cut	50cm long	0.042	<0.2	40	<2
N651363 *5012210*	Basalt	Dark green, fine grained, massive basalt. Strong carbonatization forming mm-scale veins. Weak silicification.	No significant mineralization.	Cree Lake, 4 South	Channel cut	50cm long	0.464	<0.2	150	6
N651364 *5012209*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate, weak sericite alteration. Trace mm carbonate veining. Weak shearing.	Trace disseminated, fine grained pyrite.	Cree Lake, 3 South	Channel cut	50cm long	0.02	<0.2	72	<2
N651365 *5012238*	Basalt	Dark green, fine grained, sheared basalt. Moderate to strong carbonatization forming incipient brecciation.		Cree Lake, 23 North	Channel cut	50cm long	0.127	<0.2	501	<2
N651366 *5012236*	Silicification Zone	Fine grained, highly altered and silicified basalt. Strong grey-white silicification overprinting everything. Silicified parts pseudo-brecciated. Weak to moderate sericite in trace silicified areas. Weak mm vugs at edgs of silicic areas.	0.5-1% coarse grained, mm massive, cubic pyrite associated with silicic areas.	Cree Lake, 21 North	Channel cut	50cm long	0.032	0.3	26	6
N651367 *5012237*	Basalt	Dark green, fine grained basalt, variably sheared. Strong carbonatization, forming mm scale randomly oriented carbonate veinlets.	Trace fine grained pyrite, rare chalcopyrite.	Cree Lake, 22 North	Channel cut	50cm long	0.034	<0.2	364	<2
N651368 *5012233*	Basalt	Fine grained, moderately sheared. Moderate to strong carbonatization.	Trace disseminated, fine grained, euhedral pyrite.	Cree Lake, 18 North	Channel cut	50cm long	0.062	<0.2	281	3
N651369 *5012242*	Basalt	Fine grained, medium green-grey basalt. Strong chlorite, moderate carbonate alteration. Trace carbonate mm veins.	Trace, disseminated, very fine grained pyrite.	Cree Lake, 27 North - Finish cut	Channel cut	50cm long	0.235	0.5	582	3

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
N651370 *5012231*	Basalt	Fine grained, moderately sheared basalt. Weak carbonatization.	No significant mineralization.	Cree Lake, 16 South - 8.7m W of C177208	Channel cut	50cm long	0.086	<0.2	262	2
N651371 *5012240*	Basalt	Fine grained, green-grey basalt. Strong chlorite, moderate carbonate alteration and mm carbonate veining. Moderate shearing.	Trace-0.5% disseminated, fine grained pyrite. Trace possible very fine grained, bronze-brown pyrrhotite (not magnetic).	Cree Lake, 25 North	Channel cut	50cm long	0.114	<0.2	543	2
N651372 *5012234*	Basalt	Fine grained, massive basalt. Moderate carbonatization forming mm carbonate veinlets and incipient brecciation.	No significant mineralization.	Cree Lake, 19 North	Channel cut	50cm long	0.05	0.2	384	3
N651373 *5012232*	Alteration Zone	Strong chlorite, moderate to strong carbonate alteration. Fine grained, green, altered basalt. Strong silicification as quartz veins and mm-cm pseudo-veins. Strong shearing.	2-3% mm massive, stringer, disseminated yellow-bronze and brown-bronze pyrite.	Cree Lake, 17 North	Channel cut	50cm long	1.465	0.4	156	22
N651374 *5012239*	Basalt	Fine grained, sheared basalt. Weak carbonatization.	Trace, very fine grained, disseminated, pyrite.	Cree Lake, 24 North	Channel cut	50cm long	0.073	<0.2	478	2
N651375 *5012241*	Basalt	Fine grained, sheared basalt. Strong, late carbonate. Mm carbonate vesicle filling.	Rare, fine grained, euhedral pyrite.	Cree Lake, 26 North	Channel cut	50cm long	2.24	0.3	86	<2
N651376 *5012235*	Basalt	Fine grained, medium grey basalt. Moderate chlorite, moderate carbonate alteration. Weak mm carbonate veins.	No visible sulphides.	Cree Lake, 20 North	Channel cut	50cm long	0.011	0.3	72	3
N651377 *5012216*	Basalt	Fine grained, medium green-grey basalt. Strong chlorite, moderate carbonate alteration. Weak quartz-carbonate mm veins. Strong to moderate shearing.	Trace-0.5% disseminated pyrite.	Cree Lake, 10 North	Channel cut	50cm long	0.148	0.2	408	<2
N651378 *5012249*	Basalt	Fine grained, intensely sheared basalt.	No significant mineralization.	Cree Lake, 17 South - 70cm cut South of Quartz vein	Channel cut	70cm long	0.09	<0.2	320	6
N651379 *5012245*	Basalt	Fine grained, medium grey basalt. Strong carbonate alteration, trae mm carbonate veins.	No visible sulphides.	Cree Lake, 30 North	Channel cut	50cm long	0.059	<0.2	10	<2
N651380 *5012217*	Basalt	Fine grained basalt, variably sheared to massive. Strong carbonatization.	1% disseminated, fine grained pyrite.	Cree Lake, 11 North	Channel cut	50cm long	0.098	<0.2	223	<2
N651381 *5012246*	Basat	Fine grained, medium grey basalt. Strong carbonate alteration, trace mm carbonate veins and mm carbonate	Trace, disseminated pyrite.	Cree Lake, 31 North	Channel cut	50cm long	0.01	0.4	9	2

Table A: Sampe Locations and Descriptions										
							Au	Ag	Cu	Pb
Sample #	**Rock Type**	**Description**	**Mineralization**	**Location**	**Sample Type**	**Sample Specs**	ppm	ppm	ppm	ppm
		deposit on weathered surface. Strong shearing.								
N651382 *5012214*	Basalt	Fine grained, dark green basalt. Strongly sheared, intensely pitted. Strong carbonatization forming up to 0.5cm veins.	1-3% fine grained, disseminated pyrite.	Cree Lake, 8 North - 19.6m East of C174208	Channel cut	50cm long	0.029	<0.2	265	2
N651383 *5012243*	Basalt	Fine grained, medium grey basalt. Strong carbonate alteration, giving a ghostly look. Weak mm sericite veins, weak shearing.	Rare, disseminated, fine grained pyrite.	Cree Lake, 28 North - Start, 17.9m W of C174208	Channel cut	50cm long	0.02	<0.2	10	<2
N651384 *5012218*	Basalt	Variably sheared, fine grained basalt.	1% disseminated, fine grained pyrite.	Cree Lake, 12 North - Finish	Channel cut	50cm long	0.083	<0.2	318	<2
N651385 *5012244*	Basalt	Fine grained, medium grey basalt. Strong carbonate, weak chlorite alteration.	No visible sulphides.	Cree Lake, 29 North	Channel cut	50cm long	0.008	<0.2	5	<2
N651386 *5012248*	Basalt	Fine grained, medium grey andesite. Moderate to strong carbonate alteration, strong shearing.	No visible sulphides.	Cree Lake, 33 North	Channel cut	50cm long	0.007	<0.2	7	2
N651387 *5012215*	Basalt	Fine grained, dark green basalt. Strong, pervasive carbonatization, forming mm-scale veinlets. Variably sheared.	1% disseminated, fine grained pyrite.	Cree Lake, 9 North	Channel cut	50cm long	0.239	<0.2	308	2
N651388 *5012247*	Basalt	Fine grained, medium grey basalt. Moderate to strong carbonate alteration. Weak, mm carbonate veins.	Trace-0.5%, disseminated, fine grained pyrite.	Cree Lake, 32 North	Channel cut	50cm long	0.007	<0.2	16	<2
N651389 *5012221*	Basalt	Basalt, quartz-carbonate veined. Mm-cm scale carbonate-quartz veins, one 1cm quartz-chlorite-carbonate ribbon vein.	Trace, fine grained pyrite.	Cree Lake, 10 South.	Channel cut	50cm long	1.58	0.2	25	<2
N651390 *5012225*	Basalt	Fine grained, medium green basalt. Strong chlorite alteration, moderate carbonate alteration. Moderate cm pseudo-brecciated carbonate veining. Strong shearing.	0.5% disseminated, stringer, mm massive pyrite.	Cree Lake, 14 South.	Channel cut	50cm long	0.114	<0.2	296	3
N651391 *5012224*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration. Strong silicification in cm patches. 3% coarse grained, black mineral, looks like augite. Moderate shearing.	1-1.5% medium to coarse grained, disseminated, mm massive pyrite, most associated with silicic alteration.	Cree Lake, 13 South	Channel cut	50cm long	0.12	0.2	268	2
N651392 *5012220*	Basalt	Fine grained, medium green-grey basalt. Moderate to strong chlorite, moderate carbonate alteration. Weak mm carbonate	Trace-0.5% disseminated, coarse grained pyrite.	Cree Lake, 9 South	Channel cut	50cm long	0.119	<0.2	19	3

Table A: Sampe Locations and Descriptions

Sample #	Rock Type	Description	Mineralization	Location	Sample Type	Sample Specs	Au ppm	Ag ppm	Cu ppm	Pb ppm
		veins.								
N651393 *5012222*	Basalt	Fine grained, dark green basalt. Strong chlorite, weak carbonate alteration. Moderate cm carbonate ± quartz veins, moderate cm vuggyness.	Trace-0.5%, disseminated, cubic, coarse grained pyrite.	Cree Lake, 11 South	Channel cut	50cm long	0.065	<0.2	65	<2
N651394 *5012226*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration. Trace mm carbonate veins, moderate shearing.	Trace, coarse-grained, cubic, disseminated pyrite.	Cree Lake, 15 South - Finish cut	Channel cut	50cm long	0.12	<0.2	35	3
N651395 *5012228*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration. Weak to moderate quartz-carbonate veins. Moderate shearing.	Trace, disseminated, fine grained pyrite.	Cree Lake, 14 North	Channel cut	50cm long	0.059	0.2	194	3
N651396 *5012219*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration. Weak mm carbonate veins. Weak mm red-brown veins, not magnetic, possibly sphalerite.	Trace, disseminated, fine to medium grained pyrite. 1-1.5% mm massive, stringer, disseminated, brown-bronze (not magnetic) pyrrhotite.	Cree Lake, 8 South	Channel cut	50cm long	0.84	<0.2	86	<2
N651397 *5012227*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration. Moderate mm-cm carbonate-quartz veins. Moderate shearing.	Trace, coarse grained, cubic pyrite.	Cree Lake, 13 North - 6.8m East of C174208	Channel cut	50cm long	0.119	<0.2	173	2
N651398 *5012229*	Basalt	Fine grained, medium grey basalt. Strong carbonate, moderate chlorite alteration.	1% disseminated, stringer, mm massive pyrite. 0.5% red-brown, disseminated sphalerite.	Cree Lake, 15 North	Channel cut	50cm long	0.066	<0.2	427	4
N651399 *5012223*	Basalt	Fine grained, dark green basalt. Strong chlorite, moderate carbonate alteration. Weak mm carbonate veins. Weak cm-mm vugs with rusting on walls. Moderate shearing.	0.5% disseminated, mm massive pyrite.	Cree Lake, 12 South	Channel cut	50cm long	0.07	0.2	180	<2
N651400 *5012230*	Alteration Zone	Fine grained, dark green and white, altered basalt. Intense chlorite, strong carbonate alteration. Moderate quartz, cm veins, slightly ductiley deformed. Strong shearing, weak ductile deformation.	3-4% cubic, disseminated, mm massive pyrite, rarely in quartz vein.	Cree Lake, 16 North	Channel cut	50cm long	0.047	0.9	508	4

APPENDIX-C

Raw Assay Data

SAMPLE DESCRIPTION	Au-AA23 Au ppm	Au-GRA21 Au ppm	Au-GRA21 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm
C165601	>10.0	19.2		5.5	0.69	172	<10	10	<0.5	5	3.87	26.1
C165602	7.38			3.9	0.78	73	<10	10	<0.5	7	5.34	<0.5
C165603	0.083			0.4	1.75	8	<10	70	<0.5	<2	2.35	<0.5
C165604	>10.0	47.8		16	0.85	164	<10	20	<0.5	5	5.08	2.4
C165605	0.804			0.3	1.15	25	<10	50	<0.5	<2	3.61	<0.5
C165606	0.266			0.2	2.31	10	<10	10	<0.5	<2	0.88	<0.5
C174201	0.069			0.9	2.83	113	<10	40	<0.5	14	0.41	<0.5
C174202	>10.0	14.15		3.4	0.52	94	<10	10	<0.5	5	4.39	0.6
C174203	>10.0	63.1		16.9	1.03	289	<10	10	<0.5	8	5.61	2.5
C174204	0.328			2.1	1.11	361	<10	20	<0.5	<2	7.42	<0.5
C174205	>10.0	41		12.1	0.84	227	<10	20	<0.5	6	4.02	3.3
C174206	>10.0	13.4		9.2	0.77	188	<10	20	<0.5	27	4.43	5.9
C174207	>10.0	19.15		9.3	0.32	214	<10	10	<0.5	11	1.97	29.2
C174208	0.471			0.8	1.17	6	<10	20	<0.5	8	3.84	<0.5
C174209	2.05			0.5	2.05	29	<10	20	<0.5	3	6.36	0.9
C174210	>10.0	100.5	105.5	27.8	1.48	143	<10	30	<0.5	14	3.66	2.3
C174211	>10.0	10.5	9.86	3.3	0.99	138	<10	20	<0.5	3	4.12	4.1
C174212	>10.0	61.1		16.4	1.07	285	<10	10	<0.5	7	4.66	31.2
C174213	>10.0	51.7		14.4	0.9	339	<10	10	<0.5	8	4.21	49.2
C174214	>10.0	195		57.6	0.37	880	<10	<10	<0.5	35	1.16	139.5
C174215	>10.0	184		43.4	0.17	459	<10	20	<0.5	18	1.88	41.7
C174216	0.303			<0.2	2.28	9	<10	20	<0.5	2	6.2	<0.5
C174217	>10.0	83.7		22.5	0.23	266	<10	<10	<0.5	8	5.67	10.3
C174218	>10.0	22.4		6.3	1.54	153	<10	20	<0.5	9	5.24	1
C174219	8.73			1	1.32	104	<10	20	<0.5	4	5.63	<0.5
C174220	0.066			<0.2	2.75	3	<10	10	<0.5	2	5.41	<0.5
C174221	4.64			1.4	1.67	49	<10	20	<0.5	4	4.24	0.8
C174222	>10.0	45.6		14.7	1.23	145	<10	20	<0.5	5	5.5	20
C174223	>10.0	139.5		56.6	0.4	924	<10	20	<0.5	65	0.34	3.3
C174224	0.063			3.5	0.51	77	<10	10	<0.5	3	5.71	18.1
C174225	>10.0	39.4		6.9	0.66	125	<10	10	<0.5	7	3.09	33.5
C174226	0.817			0.9	2.12	19	<10	20	<0.5	<2	6.57	<0.5
C174227	>10.0	36.1		13.5	0.59	227	<10	10	<0.5	10	2.38	25.3
C174228	9.35			2.6	0.68	109	<10	<10	<0.5	4	6.2	0.9

SAMPLE DESCRIPTION	Au-AA23 Au ppm	Au-GRA21 Au ppm	Au-GRA21 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm
C174229	4.72			11.9	0.93	231	<10	10	<0.5	10	5.32	18.5
C174230	3.12			0.9	1.15	86	<10	30	<0.5	2	4.13	<0.5
C174231	>10.0	69.3		24.8	0.47	320	<10	10	<0.5	14	2.5	58.1
C174232	>10.0	90.9		32.5	0.6	282	<10	10	<0.5	18	4.06	77
C174233	5.45			2.4	2.29	74	<10	30	<0.5	4	6.31	3
C174234	0.451			<0.2	4.54	<2	<10	<10	<0.5	<2	1.92	0.5
C174235	0.195			0.3	4.47	4	<10	10	<0.5	2	6.85	<0.5
C174236	0.095			<0.2	4.24	3	<10	10	<0.5	3	5.82	<0.5
C174237	5.71			1.9	0.93	123	<10	20	<0.5	4	5.09	1.5
C174238	0.052			<0.2	3.08	3	<10	20	<0.5	<2	4.4	<0.5
C174239	0.029			<0.2	3.14	<2	<10	20	<0.5	<2	3.19	<0.5
C174240	0.019			<0.2	2.86	4	<10	20	<0.5	3	3.49	<0.5
C174241	3.76			1.1	2.36	66	<10	30	<0.5	3	3.77	<0.5
C174242	1.315			0.5	3	24	<10	20	<0.5	<2	5.84	<0.5
C174243	>10.0	45.2		9.3	1.57	85	<10	20	<0.5	5	1.2	1.6
C174244	0.136			0.3	2.07	7	<10	30	<0.5	2	0.39	<0.5
C174245	8.59			1.4	3.55	51	<10	20	<0.5	3	4.68	<0.5
C174246	0.12			<0.2	4.73	<2	<10	10	<0.5	3	4.48	<0.5
C174247	0.353			0.6	2.58	4	<10	20	<0.5	2	1.75	<0.5
C174248	0.495			0.3	1.99	14	<10	20	<0.5	<2	5.75	<0.5
C174249	0.028			0.2	3.5	<2	<10	<10	<0.5	2	5.35	<0.5
C174250	>10.0	15.75		4.6	1.45	49	<10	20	<0.5	4	4.66	0.6
C174451	0.199			0.3	1.3	14	<10	10	<0.5	3	10.1	<0.5
C174452	0.094			<0.2	4.52	4	<10	10	<0.5	2	4.9	<0.5
C174453	0.051			<0.2	4.33	13	<10	20	<0.5	2	2.94	<0.5
C174454	0.041			<0.2	3.29	24	<10	30	<0.5	2	0.52	<0.5
C174455	0.041			<0.2	4.28	7	<10	20	<0.5	<2	3.1	<0.5
C174456	0.106			<0.2	4.81	4	<10	10	<0.5	2	5.66	<0.5
C174457	3.33			0.8	1.77	27	<10	30	<0.5	2	3.74	<0.5
C174458	0.026			<0.2	2.88	2	<10	10	<0.5	2	3.84	<0.5
C174459	0.054			0.5	2.62	2	<10	20	<0.5	3	2.8	<0.5
C174460	0.013			0.2	3.15	<2	<10	10	<0.5	<2	5.86	<0.5
C174461	0.023			<0.2	2.95	<2	<10	<10	<0.5	<2	4.5	<0.5
C174462	0.034			<0.2	4.39	<2	<10	<10	<0.5	3	4.97	<0.5

SAMPLE DESCRIPTION	Au-AA23 Au ppm	Au-GRA21 Au ppm	Au-GRA21 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm
C174463	0.012			0.7	3	3	<10	10	<0.5	5	4.8	<0.5
C174464	0.024			<0.2	2.39	<2	<10	30	<0.5	2	4.63	<0.5
C174465	0.016			<0.2	4.76	<2	<10	10	<0.5	2	5.62	<0.5
C174466	0.039			0.2	5.2	<2	<10	10	<0.5	3	4.91	<0.5
C174467	0.018			0.3	5.15	<2	<10	10	<0.5	<2	3.12	<0.5
C174468	0.167			<0.2	4.55	6	<10	20	<0.5	4	2.97	<0.5
C174469	0.147			0.2	4.23	<2	<10	10	<0.5	4	2.57	<0.5
C174470	>10.0	48.6		8.5	0.87	72	<10	10	<0.5	<2	6.63	<0.5
C174471	0.131			0.3	3.88	8	<10	<10	<0.5	<2	5.53	<0.5
C174472	0.311			<0.2	3.92	3	<10	<10	<0.5	<2	6.48	<0.5
C174473	0.018			<0.2	3.04	2	<10	20	<0.5	<2	4.85	<0.5
C174474	0.02			0.2	2.82	<2	<10	10	<0.5	<2	4.29	<0.5
C174475	0.013			<0.2	3.09	2	<10	20	<0.5	<2	4.17	<0.5
C174476	>10.0	9.65		3.4	1.2	68	<10	20	<0.5	5	6.87	2
C174477	5.3			1.4	3.02	58	<10	10	<0.5	<2	6.62	<0.5
C174478	0.036			<0.2	3.54	4	<10	10	<0.5	5	6.65	<0.5
C174479	0.034			0.2	3.06	<2	<10	20	<0.5	2	3.44	<0.5
C174480	>10.0	151.5		55	0.45	649	<10	20	<0.5	54	0.58	3.2
C174481	>10.0	229		89.3	0.8	334	<10	10	<0.5	491	1.56	1.1
C174482	>10.0	196		68.9	1.24	353	<10	10	<0.5	164	3.14	1.1
C174483	>10.0	103.5		37.8	0.21	484	<10	<10	<0.5	26	2.18	12.3
C174484	>10.0	11.85		2.7	0.58	48	<10	<10	<0.5	<2	5.49	<0.5
C174485	0.886			1.7	1.66	6	<10	<10	<0.5	5	4.88	<0.5
C174486	0.015			<0.2	3.78	7	<10	<10	<0.5	<2	7.26	<0.5
C174487	8.01			2.5	1.23	86	<10	20	<0.5	2	7.46	<0.5
C174488	6.04			2.4	1.55	182	<10	10	<0.5	2	5.81	0.8
C174489	0.608			0.5	2.16	41	<10	30	<0.5	<2	4.44	<0.5
C174490	>10.0	36.7		7.5	0.45	181	<10	10	<0.5	5	3.01	32.8
C174491	5.07			0.7	3.43	57	<10	10	<0.5	<2	6.47	<0.5
C174492	0.101			<0.2	4.29	<2	<10	20	<0.5	2	6.35	<0.5
C174493	4.06			1.8	3.08	40	<10	50	<0.5	9	0.63	<0.5
C174494	>10.0	26.2		12.4	1.77	88	<10	40	<0.5	61	1.23	<0.5
C174495	1.27			0.7	1.42	39	<10	10	<0.5	<2	3.29	<0.5
C174496	0.198			0.9	1.65	138	<10	30	<0.5	10	0.19	<0.5

SAMPLE DESCRIPTION	Au-AA23 Au ppm	Au-GRA21 Au ppm	Au-GRA21 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm
C174497	4.05			1	0.69	67	<10	10	<0.5	<2	3.83	4.4
C174498	8.86			1.7	2.77	99	<10	20	<0.5	2	6.49	<0.5
C174499	>10.0	37.9		26.9	0.45	219	<10	10	<0.5	49	1.32	16.7
C174500	>10.0	20.2		13.8	1.66	88	<10	40	<0.5	134	1.24	<0.5
N651352	0.169			<0.2	1.65	<2	<10	70	<0.5	<2	2.46	<0.5
N651353	0.043			<0.2	2.81	<2	<10	30	<0.5	<2	2.62	<0.5
N651354	0.091			<0.2	2.49	<2	<10	30	<0.5	<2	2.51	<0.5
N651355	0.067			<0.2	4.21	2	<10	20	<0.5	<2	2.05	<0.5
N651356	0.256			<0.2	2.22	7	<10	60	<0.5	<2	3.39	<0.5
N651357	0.315			<0.2	3.69	2	<10	40	<0.5	<2	2.53	<0.5
N651358	0.037			<0.2	3.98	<2	<10	40	<0.5	<2	2.9	<0.5
N651359	0.064			<0.2	3.87	8	<10	20	<0.5	<2	2.28	<0.5
N651360	0.208			<0.2	4.65	4	<10	40	<0.5	<2	5.6	<0.5
N651361	0.55			<0.2	2.33	4	<10	40	<0.5	<2	2.27	<0.5
N651362	0.042			<0.2	4.61	5	<10	20	<0.5	<2	1.98	<0.5
N651363	0.464			<0.2	4.72	<2	<10	10	<0.5	<2	1.96	<0.5
N651364	0.02			<0.2	4.84	<2	<10	10	<0.5	<2	1.18	<0.5
N651365	0.127			<0.2	5.28	<2	<10	30	<0.5	<2	1.87	<0.5
N651366	0.032			0.3	2.3	3	<10	60	<0.5	<2	1.85	<0.5
N651367	0.034			<0.2	4.95	<2	<10	40	<0.5	<2	2.14	<0.5
N651368	0.062			<0.2	4.89	<2	<10	20	<0.5	<2	4.31	<0.5
N651369	0.235			0.5	5.42	<2	<10	60	<0.5	<2	2.53	<0.5
N651370	0.086			<0.2	4.93	4	<10	40	<0.5	<2	3.04	<0.5
N651371	0.114			<0.2	5.07	<2	<10	50	<0.5	<2	3.24	<0.5
N651372	0.05			0.2	4.89	5	<10	30	<0.5	<2	4.34	<0.5
N651373	1.465			0.4	2.54	37	<10	50	<0.5	<2	5.33	2.7
N651374	0.073			<0.2	4.97	<2	<10	10	<0.5	<2	3.37	<0.5
N651375	2.24			0.3	2.54	<2	<10	70	<0.5	<2	1.91	<0.5
N651376	0.011			0.3	3.17	<2	<10	40	<0.5	<2	3.54	<0.5
N651377	0.148			0.2	3.3	10	<10	70	<0.5	<2	2.52	<0.5
N651378	0.09			<0.2	5.11	<2	<10	50	<0.5	<2	1.86	<0.5
N651379	0.059			<0.2	2.04	<2	<10	50	<0.5	<2	3.69	<0.5
N651380	0.098			<0.2	5.23	4	<10	50	<0.5	<2	2.87	<0.5
N651381	0.01			0.4	2.24	<2	<10	40	<0.5	<2	2.63	<0.5

SAMPLE DESCRIPTION	Au-AA23 Au ppm	Au-GRA21 Au ppm	Au-GRA21 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm
N651382	0.029			<0.2	3.96	3	<10	40	<0.5	<2	2.07	<0.5
N651383	0.02			<0.2	1.48	6	<10	50	<0.5	<2	1.95	<0.5
N651384	0.083			<0.2	5.24	3	<10	40	<0.5	<2	2.54	<0.5
N651385	0.008			<0.2	2.14	<2	<10	40	<0.5	<2	2.74	<0.5
N651386	0.007			<0.2	2.6	<2	<10	40	<0.5	<2	3.03	<0.5
N651387	0.239			<0.2	3.68	22	<10	50	<0.5	<2	2.94	<0.5
N651388	0.007			<0.2	2.67	<2	<10	50	<0.5	<2	2.58	<0.5
N651389	1.58			0.2	1.74	<2	<10	10	<0.5	<2	3.25	<0.5
N651390	0.114			<0.2	4.88	4	<10	40	<0.5	<2	3.28	<0.5
N651391	0.12			0.2	4.18	<2	<10	20	<0.5	<2	4.41	<0.5
N651392	0.119			<0.2	4.07	3	<10	20	<0.5	<2	3.8	<0.5
N651393	0.065			<0.2	2.47	<2	<10	40	<0.5	<2	2.34	<0.5
N651394	0.12			<0.2	5.59	<2	<10	40	<0.5	<2	2.82	<0.5
N651395	0.059			0.2	4.18	<2	<10	60	<0.5	<2	5.79	<0.5
N651396	0.84			<0.2	4.67	5	<10	30	<0.5	<2	4.85	<0.5
N651397	0.119			<0.2	3.8	<2	<10	40	<0.5	2	6.94	<0.5
N651398	0.066			<0.2	3.32	30	<10	100	<0.5	<2	2.51	<0.5
N651399	0.07			0.2	5.04	10	<10	60	<0.5	<2	2.42	<0.5
N651400	0.047			0.9	2.98	71	<10	120	<0.5	2	2.33	<0.5

SAMPLE DESCRIPTION	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %
C165601	15	33	559	3.09	<10	7	0.06	<10	0.25	354	1	0.02
C165602	20	41	138	3.19	<10	<1	0.07	<10	0.35	382	12	0.02
C165603	26	67	117	3.64	<10	<1	0.38	10	0.7	315	2	0.02
C165604	23	30	278	4.28	<10	1	0.09	<10	0.33	387	5	<0.01
C165605	26	31	61	2.82	<10	<1	0.31	10	0.35	346	3	0.03
C165606	21	136	20	3.38	10	<1	0.02	10	2.12	454	1	0.08
C174201	93	133	640	18.9	10	<1	0.21	<10	0.96	539	3	0.01
C174202	25	27	262	3.31	<10	1	0.06	<10	0.2	327	3	0.01
C174203	28	24	175	7.02	<10	2	0.04	<10	0.42	497	2	<0.01
C174204	38	28	202	7.8	10	<1	0.09	<10	2.03	1475	7	0.04
C174205	28	34	196	4.28	<10	2	0.16	<10	0.28	376	2	0.01
C174206	41	29	1215	5.33	<10	1	0.13	<10	0.29	356	8	0.01
C174207	13	21	1010	2.74	<10	7	0.03	<10	0.11	247	1	<0.01
C174208	27	87	132	4.75	<10	<1	0.1	<10	0.88	374	7	0.04
C174209	15	81	94	4.2	10	<1	0.18	<10	0.87	711	2	0.01
C174210	24	58	133	4.83	<10	2	0.23	<10	0.56	429	2	0.01
C174211	14	35	201	3.1	<10	1	0.11	<10	0.35	446	2	<0.01
C174212	17	39	585	5.03	<10	8	0.09	<10	0.43	501	2	<0.01
C174213	16	31	493	5.34	<10	10	0.08	<10	0.38	457	2	<0.01
C174214	20	14	650	10.85	<10	41	0.03	<10	0.14	168	2	<0.01
C174215	10	16	385	4.92	<10	14	0.03	<10	0.06	187	1	<0.01
C174216	18	122	34	4.08	10	1	0.18	<10	1.13	687	2	0.02
C174217	9	11	108	3.52	<10	3	0.01	<10	0.09	382	2	<0.01
C174218	38	55	370	4.86	<10	1	0.13	<10	0.58	591	3	<0.01
C174219	45	51	169	4.11	<10	<1	0.14	<10	0.48	579	3	<0.01
C174220	23	192	31	4.44	10	1	0.02	<10	2.39	689	<1	0.05
C174221	21	56	73	4.4	<10	<1	0.14	<10	0.61	556	2	0.01
C174222	17	43	156	4.46	<10	5	0.12	<10	0.47	557	<1	0.01
C174223	25	9	1330	15	<10	4	0.11	<10	0.11	112	12	<0.01
C174224	17	19	328	2.97	<10	2	0.04	<10	0.19	419	1	<0.01
C174225	19	35	142	3.9	<10	6	0.04	<10	0.32	345	1	<0.01
C174226	17	70	46	4.86	<10	<1	0.14	<10	0.76	770	1	0.01
C174227	24	35	233	4.55	<10	4	0.08	<10	0.2	294	<1	0.01
C174228	16	46	80	3.08	<10	<1	0.02	<10	0.28	524	1	<0.01

SAMPLE DESCRIPTION	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %
C174229	28	45	270	4.43	<10	3	0.07	<10	0.47	466	1	0.01
C174230	19	46	71	4.01	<10	<1	0.14	<10	0.43	412	2	0.01
C174231	17	27	269	4.32	<10	10	0.05	<10	0.16	285	1	0.01
C174232	18	33	283	4.86	<10	13	0.06	<10	0.22	338	1	0.02
C174233	30	104	240	5.37	10	1	0.24	<10	0.94	766	2	0.03
C174234	39	242	189	8.32	20	<1	0.01	<10	3.27	1060	1	0.04
C174235	37	201	328	7.62	10	<1	0.04	<10	3.08	1070	1	0.02
C174236	29	205	287	6.73	10	1	0.05	<10	3.27	983	1	0.03
C174237	32	39	193	3.61	<10	<1	0.11	<10	0.39	458	1	0.01
C174238	22	131	46	5.18	10	<1	0.15	10	1.9	779	<1	0.02
C174239	23	136	69	5.35	10	<1	0.16	10	2	748	<1	0.02
C174240	22	138	6	5.21	10	1	0.19	10	1.59	683	<1	0.04
C174241	34	107	106	5.98	10	<1	0.23	<10	1.16	585	<1	0.02
C174242	28	133	231	6.64	10	<1	0.21	<10	1.18	859	3	0.02
C174243	36	81	417	4.81	<10	2	0.12	<10	0.67	500	2	0.02
C174244	79	96	957	5.96	<10	<1	0.2	<10	0.76	391	33	0.01
C174245	38	165	228	7.31	10	1	0.1	<10	1.88	1010	<1	0.02
C174246	39	225	174	8.06	10	<1	0.02	<10	3.33	1150	<1	0.03
C174247	30	113	73	5.51	10	<1	0.16	<10	1.14	684	1	0.02
C174248	16	64	32	4.02	<10	<1	0.14	<10	0.85	804	1	0.02
C174249	33	206	120	6.48	10	1	<0.01	<10	2.97	866	1	0.04
C174250	16	43	64	4.09	<10	<1	0.11	<10	0.55	567	<1	0.01
C174451	26	75	174	4.56	<10	<1	0.03	<10	0.61	930	7	0.02
C174452	37	197	191	7.74	10	<1	0.05	<10	2.93	1005	3	0.02
C174453	47	188	406	8.57	10	<1	0.1	<10	2.07	1105	1	0.01
C174454	51	160	259	8.5	10	<1	0.17	<10	1.28	798	2	0.01
C174455	45	180	306	8.67	10	<1	0.11	<10	2.2	1005	<1	0.01
C174456	37	220	285	7.77	10	1	0.02	<10	3.43	1030	3	0.02
C174457	24	71	57	3.92	<10	<1	0.2	10	0.75	489	2	0.02
C174458	20	183	11	4.62	10	<1	0.05	10	2.33	671	<1	0.04
C174459	21	155	80	4.49	10	1	0.11	10	1.85	679	2	0.04
C174460	25	179	45	5.65	10	1	0.04	<10	2.18	833	<1	0.03
C174461	21	191	8	4.6	10	1	0.01	10	2.48	696	<1	0.05
C174462	36	229	233	7.4	10	<1	<0.01	<10	3.56	1030	1	0.03

SAMPLE DESCRIPTION	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %
C174463	24	191	158	5.36	10	<1	0.02	<10	2.34	756	7	0.04
C174464	21	118	15	4.38	10	<1	0.14	10	1.51	607	<1	0.02
C174465	37	244	67	8.07	10	1	0.03	10	3.72	1155	<1	0.03
C174466	44	241	142	8.62	10	<1	0.01	<10	4.44	1215	<1	0.02
C174467	43	239	174	8.06	10	<1	0.01	<10	4.9	1135	<1	0.02
C174468	41	227	226	8.88	10	<1	0.07	<10	3.26	1145	<1	0.02
C174469	42	194	286	6.84	<10	1	0.01	<10	3.83	893	<1	0.01
C174470	15	26	165	3.01	<10	1	0.03	<10	0.48	488	1	0.01
C174471	42	214	266	6.99	10	<1	<0.01	<10	3.02	972	<1	0.03
C174472	39	220	105	7.16	10	<1	<0.01	<10	2.95	1010	<1	0.03
C174473	26	145	12	4.74	10	<1	0.14	10	2.21	729	<1	0.03
C174474	24	190	6	4.63	10	<1	0.05	10	2.38	648	<1	0.05
C174475	23	177	2	4.63	<10	<1	0.1	10	2.4	678	<1	0.03
C174476	20	39	191	3.33	<10	1	0.11	<10	0.48	609	1	0.01
C174477	37	160	171	6.54	<10	<1	0.06	<10	1.67	878	<1	0.02
C174478	34	188	312	5.98	10	<1	0.03	<10	3.09	908	<1	0.03
C174479	27	188	124	5.49	10	<1	0.05	10	1.99	785	<1	0.04
C174480	27	10	1440	10.4	<10	5	0.11	<10	0.15	134	7	0.01
C174481	35	35	6740	6.43	<10	4	0.04	<10	0.32	316	1	0.01
C174482	47	54	3600	6.96	<10	4	0.07	<10	0.47	495	<1	0.01
C174483	15	10	1170	7.13	<10	5	0.01	<10	0.07	216	<1	0.01
C174484	10	16	89	2.23	<10	<1	0.02	<10	0.31	393	1	0.01
C174485	15	92	63	3.34	10	<1	0.04	<10	1.2	525	15	0.06
C174486	42	214	120	6.78	10	<1	0.01	<10	3.08	988	<1	0.08
C174487	55	49	206	4.44	<10	1	0.13	<10	0.52	566	2	0.02
C174488	26	75	265	4.6	<10	<1	0.1	<10	0.71	601	2	0.03
C174489	29	95	188	5.59	<10	1	0.19	<10	0.87	625	<1	0.01
C174490	29	24	133	4.11	<10	4	0.04	<10	0.19	279	1	0.01
C174491	34	163	154	6.62	10	1	0.1	10	2.02	999	<1	0.04
C174492	39	175	205	7.73	<10	<1	0.12	<10	2.68	1145	<1	0.01
C174493	64	127	371	8.38	10	<1	0.28	<10	0.9	760	<1	<0.01
C174494	52	62	1250	5.82	<10	1	0.19	<10	0.62	478	3	0.01
C174495	11	30	82	3.44	<10	<1	0.04	<10	0.82	664	2	0.01
C174496	240	75	305	11.55	<10	<1	0.23	10	0.5	314	<1	0.01

SAMPLE DESCRIPTION	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %
C174497	20	26	102	2.3	<10	1	0.09	<10	0.31	417	<1	0.01
C174498	32	105	199	5.96	10	<1	0.19	<10	1.39	764	<1	0.02
C174499	26	33	1390	4.38	<10	5	0.04	<10	0.21	203	2	0.01
C174500	50	52	1350	5.44	<10	1	0.2	<10	0.56	428	9	0.01
N651352	19	55	203	2.85	<10	<1	0.31	10	0.85	334	<1	0.03
N651353	25	158	36	4.46	10	<1	0.05	10	2.41	562	<1	0.06
N651354	22	147	54	3.97	10	<1	0.05	10	2.09	549	<1	0.07
N651355	38	190	291	6.5	10	1	<0.01	<10	4.03	963	<1	0.02
N651356	23	96	362	3.97	<10	<1	0.29	10	1.08	548	5	0.02
N651357	29	112	224	5.89	<10	<1	0.17	<10	2.77	781	<1	0.01
N651358	33	212	58	6.41	10	<1	0.05	10	3.5	853	<1	0.05
N651359	33	159	135	5.6	<10	1	<0.01	<10	3.68	824	<1	0.01
N651360	36	157	403	6.97	<10	<1	0.2	<10	3.6	935	<1	0.01
N651361	21	110	49	3.99	10	<1	0.13	10	1.73	501	<1	0.04
N651362	40	192	40	6.7	<10	1	0.01	<10	4.51	982	<1	0.02
N651363	42	206	150	7.2	10	<1	0.01	<10	4.68	991	<1	0.01
N651364	37	239	72	7.6	20	1	<0.01	<10	4.96	1015	<1	0.03
N651365	43	247	501	8.48	20	<1	0.01	<10	4.71	1095	2	0.02
N651366	23	107	26	4.19	10	<1	0.23	10	1.28	561	1	0.02
N651367	44	203	364	8.27	20	<1	0.09	<10	3.61	1145	<1	0.01
N651368	45	211	281	8.38	20	<1	0.11	<10	3.32	1145	<1	0.02
N651369	43	234	582	8.06	20	<1	0.01	<10	5.38	1040	2	0.02
N651370	41	238	262	8.86	20	1	0.02	<10	3.58	1095	<1	0.03
N651371	38	229	543	7.86	20	<1	0.01	<10	4.8	1010	9	0.02
N651372	43	237	384	7.82	20	<1	0.03	<10	3.76	1065	<1	0.03
N651373	37	100	156	5.59	<10	<1	0.18	<10	1.32	742	2	0.01
N651374	42	231	478	7.83	20	<1	0.01	<10	4.58	1035	2	0.03
N651375	26	192	86	3.98	10	<1	0.07	<10	2.14	507	1	0.05
N651376	24	179	72	4.96	10	<1	0.13	10	2.28	710	<1	0.04
N651377	48	126	408	5.74	<10	<1	0.27	<10	2.14	776	2	0.01
N651378	47	230	320	8.98	20	<1	0.07	<10	3.6	1150	<1	0.03
N651379	16	57	10	2.97	<10	<1	0.29	10	1.08	471	<1	0.02
N651380	48	229	223	8.67	20	1	0.1	<10	4.29	1160	<1	0.02
N651381	24	90	9	3.38	10	1	0.22	<10	1.46	503	<1	0.01

SAMPLE DESCRIPTION	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %
N651382	46	181	265	7.75	10	<1	0.21	<10	2.23	1080	1	0.01
N651383	14	46	10	2.13	<10	<1	0.3	10	0.63	320	<1	0.03
N651384	48	233	318	8.24	20	1	0.03	<10	4.72	1175	<1	0.02
N651385	13	57	5	3.19	10	<1	0.26	10	1.17	492	<1	0.02
N651386	18	102	7	3.7	10	<1	0.24	10	1.77	542	<1	0.03
N651387	51	125	308	6.96	10	<1	0.19	<10	2.39	976	<1	<0.01
N651388	18	112	16	3.87	10	<1	0.23	10	1.83	564	<1	0.03
N651389	13	164	25	2.87	10	<1	0.03	<10	1.39	447	6	0.08
N651390	45	221	296	8.61	20	<1	0.01	<10	3.89	1005	<1	0.03
N651391	34	191	268	7.01	10	<1	0.01	<10	3.49	884	2	0.03
N651392	32	251	19	6.43	10	<1	0.01	10	3.5	893	1	0.06
N651393	19	210	65	3.96	20	<1	0.03	10	2.14	557	1	0.07
N651394	41	232	35	11	20	<1	0.01	<10	3.82	1330	<1	0.02
N651395	37	170	194	8.15	10	<1	0.19	<10	2.12	1285	<1	0.01
N651396	40	224	86	7.63	10	1	0.05	<10	3.82	1065	17	0.03
N651397	33	180	173	6.61	10	1	0.08	<10	2.75	1110	1	0.02
N651398	38	141	427	7.27	10	<1	0.35	<10	1.13	894	<1	0.01
N651399	49	219	180	8.37	20	<1	0.01	10	4.6	1025	1	0.03
N651400	57	122	508	7.44	10	<1	0.43	<10	0.89	749	1	<0.01

SAMPLE DESCRIPTION	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm
C165601	23	90	90	1.89	3	3	23	<20	0.02	<10	<10	26
C165602	35	140	166	2.02	<2	2	31	<20	0.03	<10	<10	22
C165603	108	610	16	1.59	<2	3	13	<20	0.12	<10	<10	27
C165604	38	210	1050	3.12	<2	3	26	<20	0.02	<10	<10	23
C165605	67	690	6	1.66	<2	3	29	<20	0.08	<10	<10	16
C165606	83	680	11	0.11	2	3	42	<20	0.13	<10	<10	56
C174201	114	340	24	>10.0	<2	8	5	<20	0.18	<10	<10	94
C174202	26	100	96	2.32	<2	1	23	<20	0.03	<10	<10	14
C174203	34	90	464	5.95	<2	4	29	<20	0.01	<10	<10	26
C174204	37	460	21	5.24	<2	16	190	<20	<0.01	<10	<10	130
C174205	61	250	627	3.35	3	2	22	<20	0.04	<10	<10	14
C174206	66	190	698	4.93	<2	2	24	<20	0.04	<10	<10	16
C174207	20	70	378	2.13	<2	1	12	<20	0.01	<10	<10	12
C174208	95	450	14	4.14	<2	4	37	<20	0.1	<10	<10	51
C174209	76	390	70	0.63	<2	3	35	<20	0.06	<10	<10	31
C174210	83	500	910	3	<2	2	20	<20	0.07	<10	<10	17
C174211	40	160	349	1.37	<2	2	20	<20	0.03	<10	<10	20
C174212	45	150	862	3.72	<2	3	23	<20	0.03	<10	<10	23
C174213	39	120	1520	4.55	<2	2	21	<20	0.03	<10	<10	18
C174214	30	40	8300	>10.0	<2	1	8	<20	0.01	<10	<10	8
C174215	12	30	4760	4.74	<2	1	11	<20	<0.01	<10	<10	6
C174216	103	530	47	0.16	<2	4	31	<20	0.12	<10	<10	38
C174217	10	40	3720	3.58	<2	1	28	<20	<0.01	<10	<10	8
C174218	68	350	813	2.36	<2	4	27	<20	0.04	<10	<10	41
C174219	62	250	39	1.96	<2	5	30	<20	0.06	<10	<10	45
C174220	115	500	21	0.68	<2	9	35	<20	0.16	<10	<10	88
C174221	65	290	118	0.91	<2	4	21	<20	0.04	<10	<10	30
C174222	49	180	900	2.35	<2	5	28	<20	0.04	<10	<10	27
C174223	51	110	841	>10.0	5	1	8	<20	0.01	<10	<10	7
C174224	23	110	441	2.08	<2	2	29	<20	0.01	<10	<10	17
C174225	34	60	619	2.8	2	2	15	<20	0.02	<10	<10	22
C174226	67	330	36	0.73	<2	6	34	<20	0.06	<10	<10	38
C174227	34	80	1830	3.64	3	3	14	<20	0.04	<10	<10	22
C174228	29	40	336	1.67	<2	3	31	<20	0.01	<10	<10	35

SAMPLE DESCRIPTION	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm
C174229	33	90	1545	3.32	<2	5	26	<20	0.05	<10	<10	40
C174230	57	220	83	1.94	2	2	21	<20	0.05	<10	<10	18
C174231	22	40	2630	3.82	<2	2	13	<20	0.02	<10	<10	17
C174232	25	60	1890	4.35	3	2	18	<20	0.03	<10	<10	24
C174233	74	230	271	1.37	<2	9	32	<20	0.14	<10	<10	86
C174234	89	270	20	0.1	<2	26	10	<20	0.23	<10	<10	254
C174235	80	270	4	0.2	<2	25	31	<20	0.23	<10	<10	206
C174236	97	310	4	0.13	<2	21	26	<20	0.23	<10	<10	184
C174237	49	110	57	2.12	2	3	27	<20	0.05	<10	<10	28
C174238	93	470	3	0.05	<2	5	19	<20	0.15	<10	<10	57
C174239	112	510	6	0.17	<2	6	16	<20	0.15	<10	<10	64
C174240	127	590	3	0.27	<2	4	19	<20	0.13	<10	<10	47
C174241	86	250	19	2.43	2	8	17	<20	0.14	<10	<10	76
C174242	72	250	7	0.81	<2	11	32	<20	0.18	<10	<10	108
C174243	89	240	90	1.65	<2	5	6	<20	0.08	<10	<10	58
C174244	148	370	3	2.12	<2	6	1	<20	0.13	<10	<10	61
C174245	84	300	27	0.34	<2	15	28	<20	0.18	<10	<10	139
C174246	82	280	3	0.27	<2	31	25	<20	0.23	<10	<10	236
C174247	98	420	4	0.36	<2	7	10	<20	0.1	<10	<10	72
C174248	61	470	5	0.31	<2	5	33	<20	0.06	<10	<10	40
C174249	88	380	4	1.23	<2	20	27	<20	0.25	<10	<10	176
C174250	60	230	285	1.24	<2	3	21	<20	0.04	<10	<10	24
C174451	41	160	13	2.52	<2	7	87	<20	0.05	<10	<10	63
C174452	89	250	4	0.12	<2	24	23	<20	0.2	<10	<10	192
C174453	96	320	2	0.2	<2	17	14	<20	0.2	<10	<10	160
C174454	100	370	22	1.05	<2	11	3	<20	0.14	<10	<10	122
C174455	94	310	11	0.28	<2	16	17	<20	0.19	<10	<10	149
C174456	80	270	4	0.1	<2	33	33	<20	0.21	<10	<10	236
C174457	89	470	42	0.73	2	3	17	<20	0.1	<10	<10	28
C174458	109	520	11	0.05	<2	9	16	<20	0.15	<10	<10	78
C174459	114	550	11	0.28	<2	7	14	<20	0.16	<10	<10	61
C174460	88	380	3	0.09	<2	17	27	<20	0.18	<10	<10	134
C174461	101	480	2	0.05	<2	11	22	<20	0.16	<10	<10	93
C174462	91	270	3	0.45	<2	25	34	<20	0.28	<10	<10	228

SAMPLE DESCRIPTION	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm
C174463	97	430	7	0.6	<2	14	24	<20	0.21	<10	<10	124
C174464	101	560	4	0.56	<2	5	22	<20	0.15	<10	<10	41
C174465	95	300	<2	0.05	<2	29	31	<20	0.18	<10	<10	232
C174466	94	300	<2	0.04	2	30	27	<20	0.26	<10	<10	262
C174467	98	300	<2	0.04	<2	18	31	<20	0.27	<10	<10	222
C174468	90	330	<2	0.08	4	24	17	<20	0.17	<10	<10	231
C174469	82	270	<2	0.15	<2	8	59	<20	0.26	<10	<10	148
C174470	20	30	13	1.14	4	3	33	<20	0.02	<10	<10	26
C174471	92	290	<2	0.42	<2	11	43	<20	0.24	<10	<10	197
C174472	79	250	<2	0.36	<2	14	43	<20	0.27	<10	<10	216
C174473	119	530	<2	0.18	<2	5	24	<20	0.14	<10	<10	53
C174474	112	510	<2	0.4	<2	8	24	<20	0.16	<10	<10	80
C174475	117	530	<2	0.03	<2	7	19	<20	0.14	<10	<10	65
C174476	50	210	414	1	2	3	35	<20	0.03	<10	<10	25
C174477	75	240	126	0.87	3	19	31	<20	0.14	<10	<10	155
C174478	85	330	9	0.98	<2	16	40	<20	0.21	<10	<10	161
C174479	94	480	<2	0.05	<2	12	19	<20	0.22	<10	<10	122
C174480	37	140	661	>10.0	4	1	6	<20	0.01	<10	<10	9
C174481	73	70	617	4.86	5	3	11	<20	0.01	<10	<10	32
C174482	94	110	595	4.84	3	4	19	<20	0.02	<10	<10	50
C174483	18	10	338	7.02	4	1	12	<20	<0.01	<10	<10	11
C174484	12	20	13	0.94	<2	2	24	<20	<0.01	<10	<10	15
C174485	51	260	34	0.58	<2	5	30	<20	0.1	<10	<10	65
C174486	88	270	<2	1	<2	21	42	<20	0.22	<10	<10	219
C174487	67	600	39	2.64	<2	4	44	<20	0.05	<10	<10	37
C174488	50	130	116	2.08	<2	7	30	<20	0.09	<10	<10	62
C174489	80	360	5	1.56	2	5	22	<20	0.12	<10	<10	57
C174490	30	40	336	3.55	<2	1	16	<20	0.02	<10	<10	13
C174491	75	250	11	0.77	<2	20	37	<20	0.14	<10	<10	157
C174492	88	310	<2	0.12	2	15	39	<20	0.15	<10	<10	151
C174493	144	320	4	1.39	<2	11	5	<20	0.11	<10	<10	100
C174494	93	260	73	1.95	<2	6	9	<20	0.05	<10	<10	55
C174495	26	160	7	0.56	<2	4	18	<20	0.01	<10	<10	26
C174496	161	350	10	9.46	6	5	5	<20	0.07	<10	<10	56

SAMPLE DESCRIPTION	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm
C174497	26	280	7	1.04	<2	1	23	<20	0.03	<10	<10	11
C174498	70	260	26	1.68	<2	9	38	<20	0.12	<10	<10	87
C174499	33	310	397	3.43	<2	2	12	<20	0.02	<10	<10	19
C174500	76	290	95	2.01	<2	4	9	<20	0.06	<10	<10	41
N651352	95	420	2	0.21	<2	2	20	<20	0.13	<10	<10	23
N651353	101	570	2	0.04	<2	6	32	<20	0.12	<10	<10	65
N651354	81	560	2	0.03	<2	6	51	<20	0.11	<10	<10	67
N651355	84	270	<2	0.03	<2	8	87	<20	0.27	<10	<10	153
N651356	86	370	<2	0.06	<2	4	22	<20	0.1	<10	<10	27
N651357	87	330	<2	0.04	<2	8	19	<20	0.18	<10	<10	83
N651358	91	330	<2	0.07	<2	17	21	<20	0.2	<10	<10	162
N651359	74	260	<2	0.02	<2	7	116	<20	0.24	<10	<10	121
N651360	80	270	<2	0.06	<2	15	43	<20	0.2	10	<10	140
N651361	80	460	<2	0.08	2	6	21	<20	0.12	<10	<10	51
N651362	79	280	<2	0.01	<2	10	93	<20	0.24	<10	<10	162
N651363	92	250	6	0.04	4	10	65	<20	0.25	<10	<10	157
N651364	92	310	<2	0.04	<2	21	13	<20	0.24	<10	<10	223
N651365	85	290	<2	0.27	4	28	9	<20	0.21	<10	<10	254
N651366	106	550	6	0.28	7	5	12	<20	0.1	<10	<10	42
N651367	87	270	<2	0.21	7	20	10	<20	0.18	<10	<10	198
N651368	94	270	3	0.14	6	25	19	<20	0.21	<10	<10	212
N651369	95	270	3	0.19	10	25	15	<20	0.24	<10	<10	241
N651370	89	290	2	0.18	8	28	17	<20	0.24	<10	<10	257
N651371	74	270	2	0.31	5	26	18	<20	0.24	<10	<10	249
N651372	91	290	3	0.19	4	32	20	<20	0.24	10	<10	247
N651373	75	190	22	1.13	6	8	26	<20	0.11	<10	<10	78
N651374	76	270	2	0.37	5	27	18	<20	0.25	10	<10	250
N651375	69	330	<2	0.11	2	8	12	<20	0.14	<10	<10	93
N651376	105	460	3	0.11	3	10	18	<20	0.17	<10	<10	88
N651377	84	270	<2	0.44	3	10	16	<20	0.17	<10	<10	93
N651378	93	290	6	0.29	5	26	11	<20	0.23	<10	<10	226
N651379	79	540	<2	0.07	<2	3	20	<20	0.11	<10	<10	24
N651380	101	290	<2	0.28	6	25	17	<20	0.3	<10	<10	221
N651381	99	520	2	0.17	8	3	13	<20	0.11	<10	<10	28

SAMPLE DESCRIPTION	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm
N651382	111	310	2	0.22	6	12	13	<20	0.16	<10	<10	122
N651383	78	600	<2	0.06	<2	2	13	<20	0.1	<10	<10	18
N651384	89	290	<2	0.2	2	28	17	<20	0.28	<10	<10	244
N651385	80	570	<2	0.02	<2	2	15	<20	0.11	<10	<10	23
N651386	89	520	2	0.01	<2	4	16	<20	0.13	<10	<10	36
N651387	91	260	2	0.66	3	10	19	<20	0.14	10	<10	103
N651388	102	530	<2	0.03	4	4	14	<20	0.13	<10	<10	36
N651389	52	280	<2	0.02	<2	6	24	<20	0.09	<10	<10	71
N651390	85	320	3	0.22	8	23	26	<20	0.26	<10	<10	241
N651391	76	260	2	0.13	7	17	41	<20	0.22	<10	<10	196
N651392	115	310	3	0.05	<2	25	23	<20	0.21	<10	<10	235
N651393	69	390	<2	0.05	<2	9	23	<20	0.18	<10	<10	109
N651394	95	330	3	0.14	9	36	15	<20	0.2	20	<10	270
N651395	95	310	3	0.1	3	15	25	<20	0.13	10	<10	145
N651396	95	280	<2	0.29	8	26	24	<20	0.14	<10	<10	218
N651397	80	250	2	0.35	5	22	40	<20	0.06	10	<10	168
N651398	97	330	4	0.24	7	10	11	<20	0.1	<10	<10	104
N651399	108	320	<2	0.27	<2	19	24	<20	0.19	<10	<10	236
N651400	106	330	4	1.82	<2	10	14	<20	0.15	<10	<10	101

SAMPLE DESCRIPTION	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Zn-OG46 Zn %
C165601	<10	2380	
C165602	10	52	
C165603	<10	58	
C165604	<10	194	
C165605	10	29	
C165606	<10	31	
C174201	20	37	
C174202	<10	65	
C174203	<10	200	
C174204	<10	114	
C174205	<10	285	
C174206	<10	372	
C174207	<10	2500	
C174208	140	56	
C174209	<10	190	
C174210	10	242	
C174211	<10	390	
C174212	<10	2800	
C174213	<10	3890	
C174214	<10	>10000	1.73
C174215	<10	4080	
C174216	<10	198	
C174217	<10	552	
C174218	<10	175	
C174219	<10	86	
C174220	<10	76	
C174221	<10	152	
C174222	<10	1900	
C174223	<10	325	
C174224	<10	1015	
C174225	<10	2680	
C174226	<10	114	
C174227	<10	1720	
C174228	<10	98	

SAMPLE DESCRIPTION	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Zn-OG46 Zn %
C174229	<10	1240	
C174230	<10	60	
C174231	<10	4080	
C174232	10	5090	
C174233	<10	274	
C174234	<10	118	
C174235	<10	122	
C174236	<10	97	
C174237	<10	102	
C174238	<10	85	
C174239	<10	70	
C174240	<10	41	
C174241	<10	74	
C174242	<10	68	
C174243	10	139	
C174244	20	35	
C174245	10	87	
C174246	<10	91	
C174247	10	88	
C174248	<10	63	
C174249	<10	57	
C174250	<10	142	
C174451	20	54	
C174452	<10	57	
C174453	<10	55	
C174454	20	50	
C174455	10	72	
C174456	<10	94	
C174457	<10	77	
C174458	<10	101	
C174459	10	68	
C174460	<10	98	
C174461	<10	52	
C174462	<10	65	

SAMPLE DESCRIPTION	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Zn-OG46 Zn %
C174463	<10	56	
C174464	<10	54	
C174465	<10	67	
C174466	<10	66	
C174467	<10	58	
C174468	<10	62	
C174469	<10	53	
C174470	<10	35	
C174471	<10	70	
C174472	<10	61	
C174473	<10	72	
C174474	<10	50	
C174475	<10	111	
C174476	<10	209	
C174477	<10	149	
C174478	10	71	
C174479	<10	68	
C174480	<10	283	
C174481	<10	175	
C174482	<10	207	
C174483	<10	1095	
C174484	<10	26	
C174485	<10	39	
C174486	<10	53	
C174487	<10	53	
C174488	<10	123	
C174489	10	52	
C174490	<10	1920	
C174491	<10	102	
C174492	<10	145	
C174493	10	172	
C174494	<10	80	
C174495	<10	120	
C174496	<10	40	

SAMPLE DESCRIPTION	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Zn-OG46 Zn %
C174497	10	250	
C174498	<10	81	
C174499	<10	727	
C174500	<10	78	
N651352	<10	32	
N651353	<10	45	
N651354	<10	34	
N651355	<10	42	
N651356	<10	74	
N651357	<10	110	
N651358	<10	97	
N651359	<10	35	
N651360	<10	134	
N651361	<10	47	
N651362	<10	43	
N651363	<10	62	
N651364	<10	60	
N651365	<10	63	
N651366	<10	40	
N651367	<10	60	
N651368	<10	133	
N651369	<10	49	
N651370	<10	98	
N651371	<10	61	
N651372	<10	117	
N651373	<10	194	
N651374	<10	60	
N651375	<10	30	
N651376	<10	69	
N651377	<10	36	
N651378	10	86	
N651379	<10	52	
N651380	<10	58	
N651381	<10	50	

SAMPLE DESCRIPTION	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Zn-OG46 Zn %
N651382	<10	63	
N651383	10	33	
N651384	<10	57	
N651385	<10	53	
N651386	<10	38	
N651387	<10	48	
N651388	<10	49	
N651389	<10	29	
N651390	<10	59	
N651391	<10	49	
N651392	<10	93	
N651393	<10	33	
N651394	<10	79	
N651395	<10	53	
N651396	10	122	
N651397	<10	56	
N651398	<10	37	
N651399	<10	70	
N651400	130	32	

APPENDIX-D

Duplicate Analysis Data

SD08114669 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-08-15 DATE FINALIZED : 2008-08-30
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
C165602	7.38											
C165602	7.47											

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Au Check	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd
DESCRIPTIO	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
C174207	>10.0											
C174207	>10.0											
C174217		83.7										
C174217		82.2										
C174227	>10.0											
C174227	>10.0											
C174229				11.9	0.93	231	<10	10	<0.5	10	5.32	18.5
C174229				12	0.94	231	<10	10	<0.5	11	5.34	18.7

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
C174207												
C174207												
C174217												
C174217												
C174227												
C174227												
C174229	28	45	270	4.43	<10	3	0.07	<10	0.47	466	1	0.01
C174229	28	45	267	4.42	<10	3	0.07	<10	0.47	469	1	0.01

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm
C174207												
C174207												
C174217												
C174217												
C174227												
C174227												
C174229	33	90	1545	3.32	<2	5	26	<20	0.05	<10	<10	40
C174229	31	90	1525	3.32	<2	5	27	<20	0.05	<10	<10	41

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	Zn-OG46
SAMPLE	W	Zn	Zn
DESCRIPTIO	ppm	ppm	%
C174207			
C174207			
C174217			
C174217			
C174227			
C174227			
C174229	<10	1240	
C174229	<10	1240	

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
C174232		90.9										
C174232		93.1										
C174238	0.052											
C174238	0.051											
C174452			<0.2	4.52	4	<10	10	<0.5	2	4.9	<0.5	37
C174452			<0.2	4.55	6	<10	10	<0.5	2	4.96	<0.5	39
C174458	0.026											
C174458	0.023											

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm
C174232												
C174232												
C174238												
C174238												
C174452	197	191	7.74	10	<1	0.05	<10	2.93	1005	3	0.02	89
C174452	198	190	7.83	10	<1	0.06	<10	2.96	1035	2	0.02	89
C174458												
C174458												

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm
C174232												
C174232												
C174238												
C174238												
C174452		250	4	0.12	<2	24	23	<20	0.2	<10	<10	192	<10
C174452		260	4	0.11	<2	24	23	<20	0.2	<10	<10	194	<10
C174458												
C174458												

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41
SAMPLE	Zn
DESCRIPTIO	ppm
C174232	
C174232	
C174238	
C174238	
C174452	57
C174452	57
C174458	
C174458	

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
C174468			<0.2	4.55	6	<10	20	<0.5	4	2.97	<0.5	41
C174468			0.3	4.32	10	<10	20	<0.5	<2	2.84	<0.5	38
C174471	0.131											
C174471	0.108											
C174496	0.198											
C174496	NSS											

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
DESCRIPTIO	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
C174468	227	226	8.88	10	<1	0.07	<10	3.26	1145	<1	0.02	90
C174468	215	217	8.48	10	<1	0.06	<10	3.12	1095	<1	0.02	85
C174471												
C174471												
C174496												
C174496												

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W
DESCRIPTIO	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
C174468	330	<2	0.08	4	24	17	<20	0.17	<10	<10	231	<10
C174468	320	<2	0.08	<2	23	17	<20	0.16	<10	<10	219	<10
C174471												
C174471												
C174496												
C174496												

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41
SAMPLE	Zn
DESCRIPTIO	ppm
C174468	62
C174468	59
C174471	
C174471	
C174496	
C174496	

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
C174253			0.6	3.27	14	<10	20	<0.5	<2	4.27	1.1	36
C174253			0.9	3.43	17	<10	20	<0.5	<2	4.44	1.3	36
C174260	0.064											
C174260	0.054											
C174287	<0.005											
C174287	<0.005											
C174290			0.5	3.47	32	<10	20	<0.5	2	4.45	<0.5	40
C174290			0.4	3.45	31	<10	20	<0.5	<2	4.42	<0.5	40

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm
C174253	162	237	7	10	1	0.13	<10	1.79	995	<1	0.03	91
C174253	167	243	7.26	10	1	0.13	<10	1.86	1040	<1	0.03	94
C174260												
C174260												
C174287												
C174287												
C174290	79	107	9.38	10	1	0.02	<10	3.53	1775	81	0.03	152
C174290	78	121	9.35	10	<1	0.02	<10	3.53	1760	83	0.03	149

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm
C174253	360	35	0.61	<2	12	35	<20	0.14	<10	<10	150	<10
C174253	380	37	0.64	<2	13	37	<20	0.15	<10	<10	155	<10
C174260												
C174260												
C174287												
C174287												
C174290	430	9	0.45	<2	33	100	<20	0.03	<10	<10	295	<10
C174290	430	7	0.45	<2	33	100	<20	0.03	<10	<10	292	<10

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	Ag-OG46
SAMPLE	Zn	Ag
DESCRIPTION	ppm	ppm
C174253	230	
C174253	238	
C174260		
C174260		
C174287		
C174287		
C174290	170	
C174290	167	

SD08163338 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-11-14 DATE FINALIZED : 2008-11-24
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm
C174407		0.3	3.87	7	<10	10	0.5	<2	5.06	<0.5	38	61
C174407		0.4	3.91	8	<10	10	0.5	<2	5.09	<0.5	38	61
C174419	0.073											
C174419	0.069											
C174439	0.013											
C174439	0.011											
C174443		1.7	0.71	8	<10	60	<0.5	<2	2.1	<0.5	14	8
C174443		1.6	0.72	9	<10	70	<0.5	<2	2.17	<0.5	14	8

SD08163338 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-11-14 DATE FINALIZED : 2008-11-24
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
DESCRIPTION	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm
C174407	127	10.3	20	<1	0.01	<10	3.31	1845	<1	0.05	35	510
C174407	129	10.4	20	<1	0.01	<10	3.34	1865	<1	0.05	36	520
C174419												
C174419												
C174439												
C174439												
C174443	149	3.75	<10	<1	0.31	10	0.8	526	<1	0.04	41	520
C174443	151	3.86	<10	<1	0.32	10	0.82	540	<1	0.04	43	540

SD08163338 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-11-14 DATE FINALIZED : 2008-11-24
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C174407	<2	0.24	<2	36	115	<20	0.06	<10	<10	316	<10	122
C174407	<2	0.25	<2	36	117	<20	0.07	<10	<10	317	<10	122
C174419												
C174419												
C174439												
C174439												
C174443	11	1.89	<2	2	40	<20	<0.01	<10	<10	10	<10	29
C174443	11	1.94	<2	2	40	<20	<0.01	<10	<10	10	<10	30

SD08172591 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-12-05 DATE FINALIZED : 2008-12-15
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
N651372		0.2	4.89	5	<10	30	<0.5	<2	4.34	<0.5	43	237
N651372		<0.2	4.88	4	<10	30	<0.5	<2	4.34	<0.5	45	236

SD08172591 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-12-05 DATE FINALIZED : 2008-12-15
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
DESCRIPTION	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm
N651372	384	7.82	20	<1	0.03	<10	3.76	1065	<1	0.03	91	290
N651372	382	7.85	10	<1	0.03	<10	3.76	1065	<1	0.03	92	300

SD08172591 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-12-05 DATE FINALIZED : 2008-12-15
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
N651372	3	0.19	4	32	20	<20	0.24	10	<10	247	<10	117
N651372	<2	0.19	7	32	20	<20	0.25	<10	<10	248	<10	116

APPENDIX-E

Standard Analysis Data

SD08114669 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-08-15 DATE FINALIZED : 2008-08-30
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
CDN-GS-2C	2.16											
OxN62		7.28										
G2000			3.4	1.91	488	<10	770	1	<2	0.51	6.8	23
OREAS-45P			0.2	3.55	7	<10	170	0.6	<2	0.25	<0.5	97
OxP50		14.85										
BLANK	<0.005											
BLANK		<0.05										
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1

SD08114669 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-08-15 DATE FINALIZED : 2008-08-30
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm
CDN-GS-2C												
OxN62												
G2000	72	292	3.71	10	1	0.42	20	0.66	537	6	0.02	275
OREAS-45P	870	641	15.8	10	1	0.08	10	0.11	991	1	<0.01	295
OxP50												
BLANK												
BLANK												
BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	1	<0.01	<1

SD08114669 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-08-15 DATE FINALIZED : 2008-08-30
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm
CDN-GS-2C												
OxN62												
G2000	930	631	0.27	29	7	71	<20	0.05	<10	<10	67	10
OREAS-45P	350	15	0.02	<2	55	16	<20	0.21	<10	<10	224	<10
OxP50												
BLANK												
BLANK												
BLANK	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10

SD08114669 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-08-15 DATE FINALIZED : 2008-08-30
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41
SAMPLE	Zn
DESCRIPTIO	ppm
CDN-GS-2C	
OxN62	
G2000	1330
OREAS-45P	122
OxP50	
BLANK	
BLANK	
BLANK	4

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Au Check	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd
DESCRIPTIO	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
CDN-CM-3	0.502											
CDN-CM-3	0.46											
CDN-CM-3	0.443											
CDN-CM-3	0.448											
OxN62		7.55										
OxN62		7.32										
OxN62		7.64	7.64									
OxN62		7.62										
OxN62		7.42										
G2000				2.9	1.83	479	<10	760	1	<2	0.53	7.1
GBM3961c				9.1	1.65	774	<10	30	<0.5	25	2.39	20.5
GBM399-5												
OxP50		14.95	14.95									
OxP50		15.1										
CDN-GS-2C	2.11											
OREAS-45P				<0.2	3.56	4	<10	170	0.6	2	0.25	<0.5
OxP50		14.65										
OxP50		14.95										
SJ32	2.7											
OxP50		14.7										
MP-1b												
GBM999-5				59.1	0.2	3	<10	60	<0.5	<2	0.05	<0.5
SJ32	2.69											
CDN-GS-2C	2.14											
BLANK	<0.005											
BLANK	<0.005											
BLANK	<0.005											
BLANK	0.009											
BLANK		<0.05										
BLANK		<0.05										
BLANK		<0.05	<0.05									
BLANK		<0.05										

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Au Check	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd
DESCRIPTIO	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
BLANK		<0.05										
BLANK				<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5
BLANK				<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5
BLANK												

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %
CDN-CM-3												
CDN-CM-3												
CDN-CM-3												
CDN-CM-3												
OxN62												
OxN62												
OxN62												
OxN62												
OxN62												
G2000	23	71	317	3.68	10	1	0.41	20	0.65	580	7	0.03
GBM3961c	156	217	3110	7.81	10	1	0.17	<10	1.98	678	8	0.05
GBM399-5												
OxP50												
OxP50												
CDN-GS-2C												
OREAS-45P	97	866	704	16.3	10	<1	0.08	10	0.11	1050	2	0.01
OxP50												
OxP50												
SJ32												
OxP50												
MP-1b												
GBM999-5	3	5	507	2.92	<10	<1	0.05	10	0.02	62	3	0.01
SJ32												
CDN-GS-2C												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
BLANK												
BLANK	<1	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	1	<0.01
BLANK	<1	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01
BLANK												

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm
CDN-CM-3												
CDN-CM-3												
CDN-CM-3												
CDN-CM-3												
OxN62												
OxN62												
OxN62												
OxN62												
OxN62												
G2000	271	970	658	0.28	24	7	69	<20	0.05	<10	<10	67
GBM3961c	2050	260	1880	3.89	23	7	54	<20	0.05	<10	<10	69
GBM399-5												
OxP50												
OxP50												
CDN-GS-2C												
OREAS-45P	287	370	17	0.03	<2	56	16	<20	0.2	<10	<10	231
OxP50												
OxP50												
SJ32												
OxP50												
MP-1b												
GBM999-5	4	40	511	0.31	5	1	4	<20	<0.01	<10	<10	6
SJ32												
CDN-GS-2C												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
BLANK												
BLANK	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1
BLANK	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1
BLANK												

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	Zn-OG46
SAMPLE	W	Zn	Zn
DESCRIPTIO	ppm	ppm	%
CDN-CM-3			
CDN-CM-3			
CDN-CM-3			
CDN-CM-3			
OxN62			
OxN62			
OxN62			
OxN62			
OxN62			
G2000	10	1305	
GBM3961c	10	6890	
GBM399-5			0.93
OxP50			
OxP50			
CDN-GS-2C			
OREAS-45P	<10	122	
OxP50			
OxP50			
SJ32			
OxP50			
MP-1b			16.8
GBM999-5	<10	114	
SJ32			
CDN-GS-2C			
BLANK			
BLANK			
BLANK			
BLANK			
BLANK			
BLANK			
BLANK			
BLANK			

SD08140243 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 31
DATE RECEIVED : 2008-10-01 DATE FINALIZED : 2008-10-22
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	Zn-OG46
SAMPLE	W	Zn	Zn
DESCRIPTIO	ppm	ppm	%
BLANK			
BLANK	<10	<2	
BLANK	<10	<2	
BLANK			<0.01

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
CDN-CM-3	0.533											
OXD57	0.43											
OxN62		7.56										
OxN62		7.42										
G2000			3.5	1.9	486	<10	870	1	2	0.55	7	23
GBM3961c			8.5	1.61	763	<10	40	<0.5	26	2.38	20.3	156
OxP50		15.05										
SJ32	2.72											
OREAS-45P			<0.2	3.69	4	<10	180	0.6	5	0.26	<0.5	102
GBM999-5			62.7	0.2	<2	<10	50	<0.5	2	0.06	<0.5	3
OxP50		14.7										
OxN62	7.67											
BLANK	<0.005											
BLANK	0.005											
BLANK		<0.05										
BLANK		<0.05										
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm
CDN-CM-3												
OXD57												
OxN62												
OxN62												
G2000	74	309	3.84	10	1	0.43	20	0.68	578	5	0.04	278
GBM3961c	216	3060	8.03	10	1	0.16	10	1.94	686	8	0.06	2080
OxP50												
SJ32												
OREAS-45P	899	686	16.6	20	<1	0.08	10	0.12	1065	1	0.02	297
GBM999-5	5	499	2.86	<10	<1	0.05	10	0.02	63	3	0.02	2
OxP50												
OxN62												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1
BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm
CDN-CM-3												
OXD57												
OxN62												
OxN62												
G2000	970	668	0.29	24	7	69	<20	0.05	<10	<10	70	10
GBM3961c	250	1840	3.87	22	7	51	<20	0.05	<10	<10	68	10
OxP50												
SJ32												
OREAS-45P	370	19	0.04	<2	57	13	<20	0.21	<10	<10	234	<10
GBM999-5	40	516	0.3	4	1	2	<20	<0.01	<10	<10	6	<10
OxP50												
OxN62												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10
BLANK	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10

SD08145567 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 33
DATE RECEIVED : 2008-10-12 DATE FINALIZED : 2008-11-03
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41
SAMPLE	Zn
DESCRIPTIO	ppm
CDN-CM-3	
OXD57	
OxN62	
OxN62	
G2000	1300
GBM3961c	6470
OxP50	
SJ32	
OREAS-45P	125
GBM999-5	109
OxP50	
OxN62	
BLANK	
BLANK	
BLANK	
BLANK	
BLANK	<2
BLANK	<2

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTIO	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
CDN-CM-3	0.457											
CDN-CM-3	0.424											
OxN62		7.56										
OxN62		7.6										
GBM3961c			9.1	1.61	796	<10	30	<0.5	25	2.41	21.3	163
OxP50		14.85										
SJ32	2.69											
OxP50		15.05										
GBM999-5			64.2	0.2	2	<10	60	<0.5	2	0.06	<0.5	3
SJ32	2.61											
BLANK	<0.005											
BLANK	<0.005											
BLANK		<0.05										
BLANK		<0.05										
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm
CDN-CM-3												
CDN-CM-3												
OxN62												
OxN62												
GBM3961c	221	3070	8.22	<10	<1	0.17	10	1.99	701	8	0.06	2170
OxP50												
SJ32												
OxP50												
GBM999-5	3	506	2.93	<10	<1	0.05	10	0.01	60	3	0.01	2
SJ32												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm
CDN-CM-3												
CDN-CM-3												
OxN62												
OxN62												
GBM3961c	260	1930	3.97	25	7	51	<20	0.05	<10	<10	71	<10
OxP50												
SJ32												
OxP50												
GBM999-5	40	515	0.33	6	1	4	<20	<0.01	<10	<10	6	<10
SJ32												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10

SD08150196 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 30
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-12
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41
SAMPLE	Zn
DESCRIPTIO	ppm
CDN-CM-3	
CDN-CM-3	
OxN62	
OxN62	
GBM3961c	6770
OxP50	
SJ32	
OxP50	
GBM999-5	114
SJ32	
BLANK	
BLANK	
BLANK	
BLANK	
BLANK	<2

SD08150197 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-14
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
DESCRIPTIO	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
CDN-CM-3	0.432											
OXD57	0.412											
G2000		3.2	1.89	486	<10	870	1	<2	0.53	7.4	24	73
OREAS-45P		<0.2	3.64	3	<10	170	0.6	<2	0.26	<0.5	105	895
OxN62	7.92											
LKSD-3		2.6	1.68	25	<10	150	0.6	4	0.62	0.5	27	48
SJ32	2.61											
BLANK	<0.005											
BLANK	<0.005											
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1

SD08150197 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-14
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm
CDN-CM-3												
OXD57												
G2000	318	3.95	10	1	0.43	20	0.68	589	6	0.04	279	980
OREAS-45P	696	17.1	20	<1	0.08	10	0.11	1095	<1	0.02	301	370
OxN62												
LKSD-3	36	3.15	10	<1	0.24	40	0.75	1185	1	0.03	42	940
SJ32												
BLANK												
BLANK												
BLANK	<1	0.01	<10	<1	<0.01	<10	<0.01	<5	1	<0.01	<1	<10

SD08150197 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 6
DATE RECEIVED : 2008-10-21 DATE FINALIZED : 2008-11-14
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTIO	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
CDN-CM-3												
OXD57												
G2000	706	0.29	26	7	70	<20	0.05	<10	<10	69	10	1330
OREAS-45P	11	0.04	<2	57	15	<20	0.2	<10	<10	234	<10	120
OxN62												
LKSD-3	22	0.17	<2	6	29	<20	0.11	<10	<10	49	<10	128
SJ32												
BLANK												
BLANK												
BLANK	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2

SD08153096 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-10-24 DATE FINALIZED : 2008-11-05
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
DESCRIPTIO	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
OxN62	7.32											
GBM3961c		8.5	1.62	773	10	40	<0.5	26	2.4	21.4	157	221
GBM399-5												
MP-1b												
OxP50	14.55											
GBM999-5		59.4	0.2	4	<10	60	<0.5	<2	0.07	<0.5	3	5
BLANK	<0.05											
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1
BLANK												

SD08153096 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-10-24 DATE FINALIZED : 2008-11-05
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm
OxN62												
GBM3961c	3110	8.11	<10	2	0.16	10	1.95	701	5	0.06	2100	270
GBM399-5												
MP-1b												
OxP50												
GBM999-5	508	2.89	<10	<1	0.05	10	0.03	69	4	0.02	3	40
BLANK												
BLANK	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	1	<0.01	<1	10
BLANK												

SD08153096 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-10-24 DATE FINALIZED : 2008-11-05
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTIO	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm
OxN62												
GBM3961c	1915	3.85	24	7	53	<20	0.05	<10	<10	70	20	6650
GBM399-5												
MP-1b												
OxP50												
GBM999-5	506	0.32	4	1	4	<20	<0.01	<10	<10	6	<10	114
BLANK												
BLANK	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK												

SD08153096 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-10-24 DATE FINALIZED : 2008-11-05
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Ag-OG46
SAMPLE	Ag
DESCRIPTIO	ppm
OxN62	
GBM3961c	
GBM399-5	26
MP-1b	54
OxP50	
GBM999-5	
BLANK	
BLANK	
BLANK	<1

SD08158965 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-21
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
OxN62		7.65										
G2000			3.3	1.8	463	<10	790	1	4	0.52	6.8	23
OREAS-45P			0.4	3.46	3	<10	170	0.6	5	0.24	<0.5	99
OxP50		14.85										
SJ32	2.67											
BLANK	<0.005											
BLANK		<0.05										
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1

SD08158965 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-21
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm
OxN62												
G2000	71	306	3.81	10	1	0.41	20	0.66	563	5	0.03	278
OREAS-45P	852	663	15.8	20	1	0.07	10	0.11	1045	<1	0.02	296
OxP50												
SJ32												
BLANK												
BLANK												
BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1

SD08158965 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-21
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm
OxN62												
G2000	940	640	0.27	25	7	67	<20	0.05	<10	<10	67	10
OREAS-45P	350	18	0.03	<2	55	15	<20	0.19	<10	<10	224	<10
OxP50												
SJ32												
BLANK												
BLANK												
BLANK	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10

SD08158965 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 1
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-21
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41
SAMPLE	Zn
DESCRIPTION	ppm
OxN62	
G2000	1260
OREAS-45P	116
OxP50	
SJ32	
BLANK	
BLANK	
BLANK	<2

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm	Au-GRA21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm
CDN-CM-3	0.497											
CDN-CM-3	0.507											
CDN-CM-3	0.497											
OXD57	0.428											
OxN62		7.57										
OxN62		7.53										
G2000			3.6	1.86	487	<10	810	1	<2	0.55	7.6	23
GBM3961c			8.5	1.55	748	<10	50	<0.5	23	2.36	20.2	153
GBM399-5												
GBM399-5												
GBM999-5			65	0.19	3	<10	60	<0.5	<2	0.06	<0.5	3
SJ32	2.77											
OxP50		15.05										
OREAS-45P			0.3	3.76	6	<10	190	0.7	2	0.27	<0.5	103
SJ32	2.6											
MP-1b												
OxN62	7.66											
SJ32	2.6											
OxP50		15.05										
BLANK	<0.005											
BLANK	<0.005											
BLANK	<0.005											
BLANK	<0.005											
BLANK		<0.05										
BLANK		<0.05										
BLANK			<0.2	<0.01	2	<10	<10	<0.5	<2	<0.01	<0.5	<1
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1
BLANK												
BLANK												

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm
CDN-CM-3												
CDN-CM-3												
CDN-CM-3												
OXD57												
OxN62												
OxN62												
G2000	72	318	3.93	10	1	0.43	20	0.69	588	6	0.03	273
GBM3961c	211	2990	7.83	<10	1	0.16	10	1.93	682	8	0.06	2070
GBM399-5												
GBM399-5												
GBM999-5	5	503	2.84	<10	<1	0.05	10	0.02	64	3	0.01	4
SJ32												
OxP50												
OREAS-45P	935	712	16.6	20	<1	0.08	20	0.12	1145	1	0.01	305
SJ32												
MP-1b												
OxN62												
SJ32												
OxP50												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1
BLANK	<1	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1
BLANK												
BLANK												

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm
CDN-CM-3												
CDN-CM-3												
CDN-CM-3												
OXD57												
OxN62												
OxN62												
G2000	970	691	0.3	25	7	67	<20	0.05	<10	<10	69	10
GBM3961c	250	1875	3.7	24	7	50	<20	0.04	<10	<10	67	20
GBM399-5												
GBM399-5												
GBM999-5	40	523	0.28	5	1	4	<20	<0.01	<10	<10	6	<10
SJ32												
OxP50												
OREAS-45P	380	22	0.02	<2	60	15	<20	0.2	<10	<10	245	<10
SJ32												
MP-1b												
OxN62												
SJ32												
OxP50												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10
BLANK	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10
BLANK												
BLANK												

SD08158966 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 50
DATE RECEIVED : 2008-11-04 DATE FINALIZED : 2008-11-27
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	Ag-OG46
SAMPLE	Zn	Ag
DESCRIPTION	ppm	ppm
CDN-CM-3		
CDN-CM-3		
CDN-CM-3		
OXD57		
OxN62		
OxN62		
G2000	1325	
GBM3961c	6340	
GBM399-5		28
GBM399-5		24
GBM999-5	117	
SJ32		
OxP50		
OREAS-45P	121	
SJ32		
MP-1b		46
OxN62		
SJ32		
OxP50		
BLANK		
BLANK		
BLANK		
BLANK		
BLANK		
BLANK		
BLANK	<2	
BLANK	<2	
BLANK		<1
BLANK		2

SD08163338 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-11-14 DATE FINALIZED : 2008-11-24
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
CDN-CM-3	0.449											
G2000		3.5	1.98	510	<10	890	1	<2	0.56	7.3	23	72
GBM3961c		8.9	1.58	777	<10	20	<0.5	22	2.33	20.6	154	203
SJ32	2.73											
GBM999-5		63.1	0.2	2	<10	60	<0.5	<2	0.07	<0.5	4	5
OREAS-45P		0.4	3.97	4	<10	180	0.7	<2	0.27	<0.5	105	939
BLANK	<0.005											
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1

SD08163338 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-11-14 DATE FINALIZED : 2008-11-24
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm
CDN-CM-3												
G2000	329	3.91	10	<1	0.45	20	0.71	603	5	0.03	277	1040
GBM3961c	3060	7.93	10	<1	0.16	<10	1.98	683	9	0.06	2030	260
SJ32												
GBM999-5	535	3	<10	<1	0.05	10	0.02	66	3	<0.01	4	50
OREAS-45P	734	18.3	20	<1	0.09	20	0.13	1160	1	0.02	308	400
BLANK												
BLANK	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10
BLANK	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10

SD08163338 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-11-14 DATE FINALIZED : 2008-11-24
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
CDN-CM-3												
G2000	736	0.29	27	8	74	<20	0.06	<10	<10	72	10	1330
GBM3961c	1920	3.94	24	7	51	<20	0.04	<10	<10	68	10	6530
SJ32												
GBM999-5	539	0.32	3	1	4	<20	<0.01	<10	<10	6	<10	115
OREAS-45P	15	0.04	<2	63	16	<20	0.22	<10	<10	251	<10	122
BLANK												
BLANK	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2

SD08172591 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-12-05 DATE FINALIZED : 2008-12-15
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
CDN-CM-3	0.492											
CDN-CM-3	0.426											
G2000		3	1.77	460	<10	880	1	<2	0.52	7	22	67
G2000		3.6	1.86	468	<10	910	1	2	0.52	7.1	22	72
GBM3961c		8.7	1.46	714	<10	50	<0.5	24	2.28	19.7	148	199
OREAS-45P		<0.2	3.56	2	<10	170	0.6	3	0.25	<0.5	96	871
SJ32	2.68											
GBM999-5		60.5	0.19	<2	<10	50	<0.5	<2	0.06	<0.5	3	5
SJ32	2.55											
SJ32	2.7											
BLANK	<0.005											
BLANK	<0.005											
BLANK	<0.005											
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	1	<1
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1

SD08172591 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-12-05 DATE FINALIZED : 2008-12-15
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm
CDN-CM-3												
CDN-CM-3												
G2000	299	3.68	10	<1	0.41	20	0.65	552	5	0.03	264	930
G2000	301	3.8	10	1	0.41	20	0.67	582	5	0.02	257	940
GBM3961c	2880	7.68	<10	1	0.15	10	1.82	648	8	0.05	2010	240
OREAS-45P	656	15.7	10	1	0.08	10	0.1	1050	1	0.01	291	350
SJ32												
GBM999-5	498	2.76	<10	<1	0.05	10	<0.01	60	3	0.01	2	30
SJ32												
SJ32												
BLANK												
BLANK												
BLANK												
BLANK	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10
BLANK	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10
BLANK	<1	<0.01	<10	<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10

SD08172591 - Finalized
CLIENT : MANTMN - Mantis Mineral Corp
# of SAMPLES : 49
DATE RECEIVED : 2008-12-05 DATE FINALIZED : 2008-12-15
PROJECT : CREE LAKE
CERTIFICATE COMMENTS :
PO NUMBER :

SAMPLE DESCRIPTION	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm
CDN-CM-3												
CDN-CM-3												
G2000	637	0.26	27	7	65	<20	0.05	<10	<10	66	<10	1240
G2000	656	0.26	25	7	70	<20	0.05	<10	<10	66	10	1250
GBM3961c	1810	3.57	21	6	47	<20	0.04	<10	<10	64	10	6580
OREAS-45P	15	0.03	<2	56	13	<20	0.2	<10	<10	224	<10	115
SJ32												
GBM999-5	504	0.3	7	1	3	<20	<0.01	<10	<10	6	<10	109
SJ32												
SJ32												
BLANK												
BLANK												
BLANK												
BLANK	<2	<0.01	<2	<1	1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2
BLANK	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2

APPENDIX-F

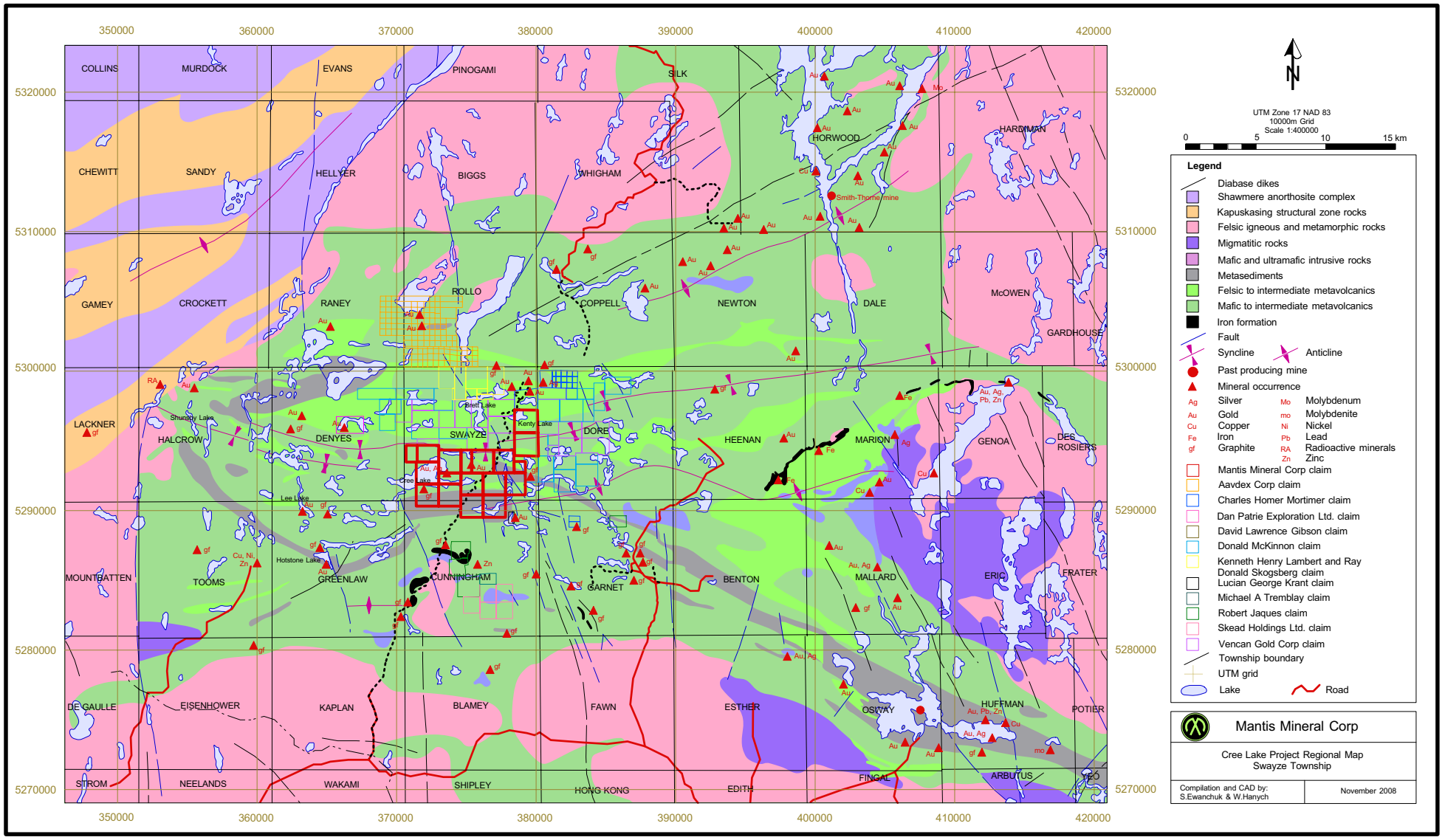
Flint Rock Occurrence Trench Map

APPENDIX-G

Buffalo-Canadian Occurrence Trench Map

APPENDIX-H

Cree Lake Regional Geological Map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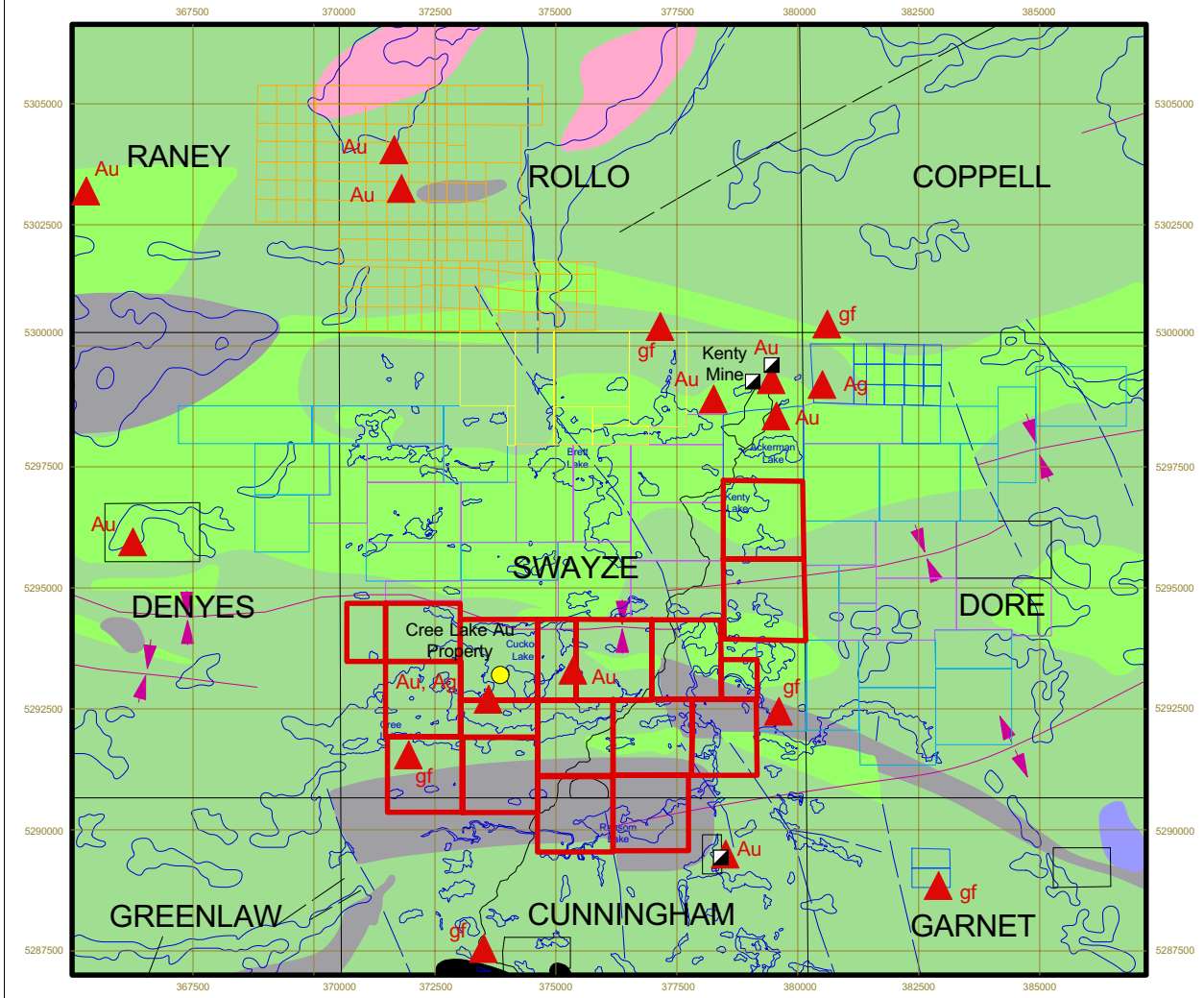
5290000
5280000
5270000
COLLINS
MURDOCK
EVANS
PINOGAMI
SILK
HORWOOD
HARDMAN
CHEWITT
SANDY
HELLYER
BIGGS
WHIGHAM
Smith-Thorne mine
GAMEY
CROCKETT
RANEY
ROLLO
COPPELL
NEWTON
DALE
McOWEN
GARDHOUSE
LACKNER
HALCROW
Shunsby Lake
DENYES
SWAYZE
Brett Lake
Kenty Lake
DORE
HEENAN
MARION
GENOA
DES ROSIERS
Cree Lake
Lee Lake
Hotstone Lake
MOUNTBATTEN
TOOMS
GREENLAW
CUNNINGHAM
GARNET
BENTON
MALLARD
ERIC
FRATER
DE GAULLE
EISENHOWER
KAPLAN
BLAMEY
FAWN
ESTHER
OSWAY
HUFFMAN
POTIER
STROM
NEELANDS
WAKAMI
SHIPLEY
HONG KONG
EDITH
FINGAL
ARBUTUS
N
UTM Zone 17 NAD 83
10000m Grid
Scale 1:400000
0
5
10
15 km
Legend
Diabase dikes
Shawmere anorthosite complex
Kapuskasing structural zone rocks
Felsic igneous and metamorphic rocks
Migmatitic rocks
Mafic and ultramafic intrusive rocks
Metasediments
Felsic to intermediate metavolcanics
Mafic to intermediate metavolcanics
Iron formation
Fault
Syncline
Anticline
Past producing mine
Mineral occurrence
Ag Silver
Au Gold
Cu Copper
Fe Iron
gf Graphite
Mo Molybdenum
mo Molybdenite
Ni Nickel
Pb Lead
RA Radioactive minerals
Zn Zinc
Mantis Mineral Corp claim
Aavdex Corp claim
Charles Homer Mortimer claim
Dan Patrie Exploration Ltd. claim
David Lawrence Gibson claim
Donald McKinnon claim
Kenneth Henry Lambert and Ray Donald Skogsberg claim
Lucian George Krant claim
Michael A Tremblay claim
Robert Jaques claim
Skead Holdings Ltd. claim
Vencan Gold Corp claim
Township boundary
UTM grid
Lake
Road
Mantis Mineral Corp
Cree Lake Project Regional Map
Swayze Township
Compilation and CAD by:
S.Ewanchuk & W.Hanych
November 2008

APPENDIX-I

Cree Lake Property Geological Map



N

UTM Zone 17 NAD 83
500m Grid
Scale 1:150000

0 1 5 7.5 km

Legend

- Diabase dikes
- Shawmere anorthosite complex
- Kapuskasing structural zone rocks
- Felsic igneous and metamorphic rocks
- Migmatitic rocks
- Mafic and ultramafic intrusive rocks
- Metasediments
- Felsic to intermediate metavolcanics
- Mafic to intermediate metavolcanics
- Iron formation
- Fault
- Syncline
- Anticline
- Township boundary
- DORE Township
- Lake
- Mantis Mineral Corp claim
- Aavdex Corp claim
- Charles Homer Mortimer claim
- Dan Patrie Exploration Ltd. claim
- David Lawrence Gibson claim
- Donald McKinnon claim
- Kenneth Henry Lambert and Ray Donald Skogsberg claim
- Lucian George Krant claim
- Robert Jaques claim
- Vencan Gold Corp claim
- Cree Lake occurrence
- Mineral occurrence
- Au Gold
- gf Graphite
- UTM grid
- Mine shaft

Mantis Mineral Corp

Cree Lake Claim Map
Swayze Township

Compilation and CAD by:
S.Ewanchuk & W.Hanych

November 2008

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 21-NOV-2008
This copy reported on 26-NOV-2008
Account: MANTMN

CERTIFICATE SD08158965

Project: CREE LAKE

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 4-NOV-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

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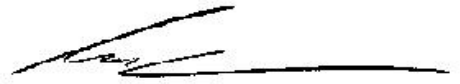
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 21-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158965

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
C174266		0.28	>10.0	38.0	35.7	0.51	199	<10	10	<0.5	85	2.60	4.8	32	29	2420

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Finalized Date: 21-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158965

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1
C174266		3.67	<10	2	0.04	<10	0.22	235	4	0.03	56	50	549	2.73	<2	2

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TORONTO ON M5C 1B5

Finalized Date: 21-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158965

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
C174266		18	<20	0.01	<10	<10	22	<10	367

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 5-NOV-2008
Account: MANTMN

CERTIFICATE SD08153096

Project: CREE LAKE

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 24-OCT-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

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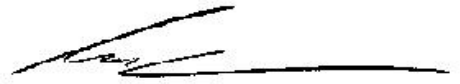
Signature: 

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TORONTO ON M5C 1B5

Finalized Date: 5-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08153096

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA22 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
C174401		0.82	172.0	>100	0.49	394	<10	20	<0.5	112	1.14	13.9	69	43	6570	4.90

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Finalized Date: 5-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08153096

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
C174401		<10	10	0.06	<10	0.20	179	1	0.01	150	60	860	3.99	<2	2	16

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TORONTO ON M5C 1B5

Finalized Date: 5-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08153096

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	1
C174401		<20	0.02	<10	<10	30	10	1755	114

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Finalized Date: 14-NOV-2008
This copy reported on 17-NOV-2008
Account: MANTMN

CERTIFICATE SD08150197

Project: CREE LAKE

P.O. No.:

This report is for 6 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 21-OCT-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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TORONTO ON M5C 1B5

Finalized Date: 14-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08150197

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
C174485		0.20	0.886	1.7	1.66	6	<10	<10	<0.5	5	4.88	<0.5	15	92	63	3.34
C174486		0.24	0.015	<0.2	3.78	7	<10	<10	<0.5	<2	7.26	<0.5	42	214	120	6.78
C174487		0.32	8.01	2.5	1.23	86	<10	20	<0.5	2	7.46	<0.5	55	49	206	4.44
C174488		0.26	6.04	2.4	1.55	182	<10	10	<0.5	2	5.81	0.8	26	75	265	4.60
C174491		0.46	5.07	0.7	3.43	57	<10	10	<0.5	<2	6.47	<0.5	34	163	154	6.62
C174498		0.48	8.86	1.7	2.77	99	<10	20	<0.5	2	6.49	<0.5	32	105	199	5.96

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8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 14-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08150197

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
C174485		10	<1	0.04	<10	1.20	525	15	0.06	51	260	34	0.58	<2	5	30
C174486		10	<1	0.01	<10	3.08	988	<1	0.08	88	270	<2	1.00	<2	21	42
C174487		<10	1	0.13	<10	0.52	566	2	0.02	67	600	39	2.64	<2	4	44
C174488		<10	<1	0.10	<10	0.71	601	2	0.03	50	130	116	2.08	<2	7	30
C174491		10	1	0.10	10	2.02	999	<1	0.04	75	250	11	0.77	<2	20	37
C174498		10	<1	0.19	<10	1.39	764	<1	0.02	70	260	26	1.68	<2	9	38

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TORONTO ON M5C 1B5

Finalized Date: 14-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08150197

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
C174485		<20	0.10	<10	<10	65	<10	39
C174486		<20	0.22	<10	<10	219	<10	53
C174487		<20	0.05	<10	<10	37	<10	53
C174488		<20	0.09	<10	<10	62	<10	123
C174491		<20	0.14	<10	<10	157	<10	102
C174498		<20	0.12	<10	<10	87	<10	81

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Finalized Date: 12-NOV-2008
This copy reported on 13-NOV-2008
Account: MANTMN

CERTIFICATE SD08150196

Project: CREE LAKE

P.O. No.:

This report is for 30 Rock samples submitted to our lab in Sudbury, ON, Canada on 21-OCT-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

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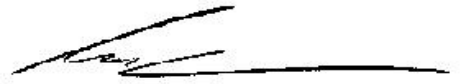
Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 12-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08150196

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
C174465		2.14	0.016		<0.2	4.76	<2	<10	10	<0.5	2	5.62	<0.5	37	244	67
C174466		2.62	0.039		0.2	5.20	<2	<10	10	<0.5	3	4.91	<0.5	44	241	142
C174467		2.10	0.018		0.3	5.15	<2	<10	10	<0.5	<2	3.12	<0.5	43	239	174
C174468		1.78	0.167		<0.2	4.55	6	<10	20	<0.5	4	2.97	<0.5	41	227	226
C174469		3.20	0.147		0.2	4.23	<2	<10	10	<0.5	4	2.57	<0.5	42	194	286
C174470		0.74	>10.0	48.6	8.5	0.87	72	<10	10	<0.5	<2	6.63	<0.5	15	26	165
C174471		2.16	0.131		0.3	3.88	8	<10	<10	<0.5	<2	5.53	<0.5	42	214	266
C174472		2.34	0.311		<0.2	3.92	3	<10	<10	<0.5	<2	6.48	<0.5	39	220	105
C174473		2.70	0.018		<0.2	3.04	2	<10	20	<0.5	<2	4.85	<0.5	26	145	12
C174474		2.38	0.020		0.2	2.82	<2	<10	10	<0.5	<2	4.29	<0.5	24	190	6
C174475		2.00	0.013		<0.2	3.09	2	<10	20	<0.5	<2	4.17	<0.5	23	177	2
C174476		3.00	>10.0	9.65	3.4	1.20	68	<10	20	<0.5	5	6.87	2.0	20	39	191
C174477		3.24	5.30		1.4	3.02	58	<10	10	<0.5	<2	6.62	<0.5	37	160	171
C174478		2.18	0.036		<0.2	3.54	4	<10	10	<0.5	5	6.65	<0.5	34	188	312
C174479		1.32	0.034		0.2	3.06	<2	<10	20	<0.5	2	3.44	<0.5	27	188	124
C174480		1.86	>10.0	151.5	55.0	0.45	649	<10	20	<0.5	54	0.58	3.2	27	10	1440
C174481		0.66	>10.0	229	89.3	0.80	334	<10	10	<0.5	491	1.56	1.1	35	35	6740
C174482		0.68	>10.0	196.0	68.9	1.24	353	<10	10	<0.5	164	3.14	1.1	47	54	3600
C174483		1.14	>10.0	103.5	37.8	0.21	484	<10	<10	<0.5	26	2.18	12.3	15	10	1170
C174484		1.32	>10.0	11.85	2.7	0.58	48	<10	<10	<0.5	<2	5.49	<0.5	10	16	89
C174489		1.08	0.608		0.5	2.16	41	<10	30	<0.5	<2	4.44	<0.5	29	95	188
C174490		0.56	>10.0	36.7	7.5	0.45	181	<10	10	<0.5	5	3.01	32.8	29	24	133
C174492		2.16	0.101		<0.2	4.29	<2	<10	20	<0.5	2	6.35	<0.5	39	175	205
C174493		2.16	4.06		1.8	3.08	40	<10	50	<0.5	9	0.63	<0.5	64	127	371
C174494		0.86	>10.0	26.2	12.4	1.77	88	<10	40	<0.5	61	1.23	<0.5	52	62	1250
C174495		1.64	1.270		0.7	1.42	39	<10	10	<0.5	<2	3.29	<0.5	11	30	82
C174496		0.70	0.198		0.9	1.65	138	<10	30	<0.5	10	0.19	<0.5	240	75	305
C174497		1.58	4.05		1.0	0.69	67	<10	10	<0.5	<2	3.83	4.4	20	26	102
C174499		1.52	>10.0	37.9	26.9	0.45	219	<10	10	<0.5	49	1.32	16.7	26	33	1390
C174500		1.42	>10.0	20.2	13.8	1.66	88	<10	40	<0.5	134	1.24	<0.5	50	52	1350

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 12-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08150196

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C174465		8.07	10	1	0.03	10	3.72	1155	<1	0.03	95	300	<2	0.05	<2	29
C174466		8.62	10	<1	0.01	<10	4.44	1215	<1	0.02	94	300	<2	0.04	2	30
C174467		8.06	10	<1	0.01	<10	4.90	1135	<1	0.02	98	300	<2	0.04	<2	18
C174468		8.88	10	<1	0.07	<10	3.26	1145	<1	0.02	90	330	<2	0.08	4	24
C174469		6.84	<10	1	0.01	<10	3.83	893	<1	0.01	82	270	<2	0.15	<2	8
C174470		3.01	<10	1	0.03	<10	0.48	488	1	0.01	20	30	13	1.14	4	3
C174471		6.99	10	<1	<0.01	<10	3.02	972	<1	0.03	92	290	<2	0.42	<2	11
C174472		7.16	10	<1	<0.01	<10	2.95	1010	<1	0.03	79	250	<2	0.36	<2	14
C174473		4.74	10	<1	0.14	10	2.21	729	<1	0.03	119	530	<2	0.18	<2	5
C174474		4.63	10	<1	0.05	10	2.38	648	<1	0.05	112	510	<2	0.40	<2	8
C174475		4.63	<10	<1	0.10	10	2.40	678	<1	0.03	117	530	<2	0.03	<2	7
C174476		3.33	<10	1	0.11	<10	0.48	609	1	0.01	50	210	414	1.00	2	3
C174477		6.54	<10	<1	0.06	<10	1.67	878	<1	0.02	75	240	126	0.87	3	19
C174478		5.98	10	<1	0.03	<10	3.09	908	<1	0.03	85	330	9	0.98	<2	16
C174479		5.49	10	<1	0.05	10	1.99	785	<1	0.04	94	480	<2	0.05	<2	12
C174480		10.40	<10	5	0.11	<10	0.15	134	7	0.01	37	140	661	>10.0	4	1
C174481		6.43	<10	4	0.04	<10	0.32	316	1	0.01	73	70	617	4.86	5	3
C174482		6.96	<10	4	0.07	<10	0.47	495	<1	0.01	94	110	595	4.84	3	4
C174483		7.13	<10	5	0.01	<10	0.07	216	<1	0.01	18	10	338	7.02	4	1
C174484		2.23	<10	<1	0.02	<10	0.31	393	1	0.01	12	20	13	0.94	<2	2
C174489		5.59	<10	1	0.19	<10	0.87	625	<1	0.01	80	360	5	1.56	2	5
C174490		4.11	<10	4	0.04	<10	0.19	279	1	0.01	30	40	336	3.55	<2	1
C174492		7.73	<10	<1	0.12	<10	2.68	1145	<1	0.01	88	310	<2	0.12	2	15
C174493		8.38	10	<1	0.28	<10	0.90	760	<1	<0.01	144	320	4	1.39	<2	11
C174494		5.82	<10	1	0.19	<10	0.62	478	3	0.01	93	260	73	1.95	<2	6
C174495		3.44	<10	<1	0.04	<10	0.82	664	2	0.01	26	160	7	0.56	<2	4
C174496		11.55	<10	<1	0.23	10	0.50	314	<1	0.01	161	350	10	9.46	6	5
C174497		2.30	<10	1	0.09	<10	0.31	417	<1	0.01	26	280	7	1.04	<2	1
C174499		4.38	<10	5	0.04	<10	0.21	203	2	0.01	33	310	397	3.43	<2	2
C174500		5.44	<10	1	0.20	<10	0.56	428	9	0.01	76	290	95	2.01	<2	4

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 12-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08150196

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
C174465		31	<20	0.18	<10	<10	232	<10	67
C174466		27	<20	0.26	<10	<10	262	<10	66
C174467		31	<20	0.27	<10	<10	222	<10	58
C174468		17	<20	0.17	<10	<10	231	<10	62
C174469		59	<20	0.26	<10	<10	148	<10	53
C174470		33	<20	0.02	<10	<10	26	<10	35
C174471		43	<20	0.24	<10	<10	197	<10	70
C174472		43	<20	0.27	<10	<10	216	<10	61
C174473		24	<20	0.14	<10	<10	53	<10	72
C174474		24	<20	0.16	<10	<10	80	<10	50
C174475		19	<20	0.14	<10	<10	65	<10	111
C174476		35	<20	0.03	<10	<10	25	<10	209
C174477		31	<20	0.14	<10	<10	155	<10	149
C174478		40	<20	0.21	<10	<10	161	10	71
C174479		19	<20	0.22	<10	<10	122	<10	68
C174480		6	<20	0.01	<10	<10	9	<10	283
C174481		11	<20	0.01	<10	<10	32	<10	175
C174482		19	<20	0.02	<10	<10	50	<10	207
C174483		12	<20	<0.01	<10	<10	11	<10	1095
C174484		24	<20	<0.01	<10	<10	15	<10	26
C174489		22	<20	0.12	<10	<10	57	10	52
C174490		16	<20	0.02	<10	<10	13	<10	1920
C174492		39	<20	0.15	<10	<10	151	<10	145
C174493		5	<20	0.11	<10	<10	100	10	172
C174494		9	<20	0.05	<10	<10	55	<10	80
C174495		18	<20	0.01	<10	<10	26	<10	120
C174496		5	<20	0.07	<10	<10	56	<10	40
C174497		23	<20	0.03	<10	<10	11	10	250
C174499		12	<20	0.02	<10	<10	19	<10	727
C174500		9	<20	0.06	<10	<10	41	<10	78

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 3-NOV-2008
Account: MANTMN

CERTIFICATE SD08145567

Project: CREE LAKE

P.O. No.:

This report is for 33 Rock samples submitted to our lab in Sudbury, ON, Canada on 12-OCT-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 3-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08145567

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
C174232		1.18	>10.0	90.9	32.5	0.60	282	<10	10	<0.5	18	4.06	77.0	18	33	283
C174233		2.98	5.45		2.4	2.29	74	<10	30	<0.5	4	6.31	3.0	30	104	240
C174234		1.56	0.451		<0.2	4.54	<2	<10	<10	<0.5	<2	1.92	0.5	39	242	189
C174235		3.16	0.195		0.3	4.47	4	<10	10	<0.5	2	6.85	<0.5	37	201	328
C174236		2.56	0.095		<0.2	4.24	3	<10	10	<0.5	3	5.82	<0.5	29	205	287
C174237		1.40	5.71		1.9	0.93	123	<10	20	<0.5	4	5.09	1.5	32	39	193
C174238		2.22	0.052		<0.2	3.08	3	<10	20	<0.5	<2	4.40	<0.5	22	131	46
C174239		2.36	0.029		<0.2	3.14	<2	<10	20	<0.5	<2	3.19	<0.5	23	136	69
C174240		2.16	0.019		<0.2	2.86	4	<10	20	<0.5	3	3.49	<0.5	22	138	6
C174241		3.40	3.76		1.1	2.36	66	<10	30	<0.5	3	3.77	<0.5	34	107	106
C174242		3.48	1.315		0.5	3.00	24	<10	20	<0.5	<2	5.84	<0.5	28	133	231
C174243		1.04	>10.0	45.2	9.3	1.57	85	<10	20	<0.5	5	1.20	1.6	36	81	417
C174244		1.46	0.136		0.3	2.07	7	<10	30	<0.5	2	0.39	<0.5	79	96	957
C174245		3.04	8.59		1.4	3.55	51	<10	20	<0.5	3	4.68	<0.5	38	165	228
C174246		4.28	0.120		<0.2	4.73	<2	<10	10	<0.5	3	4.48	<0.5	39	225	174
C174247		2.14	0.353		0.6	2.58	4	<10	20	<0.5	2	1.75	<0.5	30	113	73
C174248		2.78	0.495		0.3	1.99	14	<10	20	<0.5	<2	5.75	<0.5	16	64	32
C174249		1.70	0.028		0.2	3.50	<2	<10	<10	<0.5	2	5.35	<0.5	33	206	120
C174250		0.66	>10.0	15.75	4.6	1.45	49	<10	20	<0.5	4	4.66	0.6	16	43	64
C174451		3.66	0.199		0.3	1.30	14	<10	10	<0.5	3	10.10	<0.5	26	75	174
C174452		2.02	0.094		<0.2	4.52	4	<10	10	<0.5	2	4.90	<0.5	37	197	191
C174453		1.68	0.051		<0.2	4.33	13	<10	20	<0.5	2	2.94	<0.5	47	188	406
C174454		1.98	0.041		<0.2	3.29	24	<10	30	<0.5	2	0.52	<0.5	51	160	259
C174455		2.56	0.041		<0.2	4.28	7	<10	20	<0.5	<2	3.10	<0.5	45	180	306
C174456		2.22	0.106		<0.2	4.81	4	<10	10	<0.5	2	5.66	<0.5	37	220	285
C174457		2.98	3.33		0.8	1.77	27	<10	30	<0.5	2	3.74	<0.5	24	71	57
C174458		2.78	0.026		<0.2	2.88	2	<10	10	<0.5	2	3.84	<0.5	20	183	11
C174459		3.32	0.054		0.5	2.62	2	<10	20	<0.5	3	2.80	<0.5	21	155	80
C174460		2.82	0.013		0.2	3.15	<2	<10	10	<0.5	<2	5.86	<0.5	25	179	45
C174461		2.82	0.023		<0.2	2.95	<2	<10	<10	<0.5	<2	4.50	<0.5	21	191	8
C174462		2.52	0.034		<0.2	4.39	<2	<10	<10	<0.5	3	4.97	<0.5	36	229	233
C174463		2.04	0.012		0.7	3.00	3	<10	10	<0.5	5	4.80	<0.5	24	191	158
C174464		2.10	0.024		<0.2	2.39	<2	<10	30	<0.5	2	4.63	<0.5	21	118	15

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Finalized Date: 3-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08145567

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C174232		4.86	<10	13	0.06	<10	0.22	338	1	0.02	25	60	1890	4.35	3	2
C174233		5.37	10	1	0.24	<10	0.94	766	2	0.03	74	230	271	1.37	<2	9
C174234		8.32	20	<1	0.01	<10	3.27	1060	1	0.04	89	270	20	0.10	<2	26
C174235		7.62	10	<1	0.04	<10	3.08	1070	1	0.02	80	270	4	0.20	<2	25
C174236		6.73	10	1	0.05	<10	3.27	983	1	0.03	97	310	4	0.13	<2	21
C174237		3.61	<10	<1	0.11	<10	0.39	458	1	0.01	49	110	57	2.12	2	3
C174238		5.18	10	<1	0.15	10	1.90	779	<1	0.02	93	470	3	0.05	<2	5
C174239		5.35	10	<1	0.16	10	2.00	748	<1	0.02	112	510	6	0.17	<2	6
C174240		5.21	10	1	0.19	10	1.59	683	<1	0.04	127	590	3	0.27	<2	4
C174241		5.98	10	<1	0.23	<10	1.16	585	<1	0.02	86	250	19	2.43	2	8
C174242		6.64	10	<1	0.21	<10	1.18	859	3	0.02	72	250	7	0.81	<2	11
C174243		4.81	<10	2	0.12	<10	0.67	500	2	0.02	89	240	90	1.65	<2	5
C174244		5.96	<10	<1	0.20	<10	0.76	391	33	0.01	148	370	3	2.12	<2	6
C174245		7.31	10	1	0.10	<10	1.88	1010	<1	0.02	84	300	27	0.34	<2	15
C174246		8.06	10	<1	0.02	<10	3.33	1150	<1	0.03	82	280	3	0.27	<2	31
C174247		5.51	10	<1	0.16	<10	1.14	684	1	0.02	98	420	4	0.36	<2	7
C174248		4.02	<10	<1	0.14	<10	0.85	804	1	0.02	61	470	5	0.31	<2	5
C174249		6.48	10	1	<0.01	<10	2.97	866	1	0.04	88	380	4	1.23	<2	20
C174250		4.09	<10	<1	0.11	<10	0.55	567	<1	0.01	60	230	285	1.24	<2	3
C174451		4.56	<10	<1	0.03	<10	0.61	930	7	0.02	41	160	13	2.52	<2	7
C174452		7.74	10	<1	0.05	<10	2.93	1005	3	0.02	89	250	4	0.12	<2	24
C174453		8.57	10	<1	0.10	<10	2.07	1105	1	0.01	96	320	2	0.20	<2	17
C174454		8.50	10	<1	0.17	<10	1.28	798	2	0.01	100	370	22	1.05	<2	11
C174455		8.67	10	<1	0.11	<10	2.20	1005	<1	0.01	94	310	11	0.28	<2	16
C174456		7.77	10	1	0.02	<10	3.43	1030	3	0.02	80	270	4	0.10	<2	33
C174457		3.92	<10	<1	0.20	10	0.75	489	2	0.02	89	470	42	0.73	2	3
C174458		4.62	10	<1	0.05	10	2.33	671	<1	0.04	109	520	11	0.05	<2	9
C174459		4.49	10	1	0.11	10	1.85	679	2	0.04	114	550	11	0.28	<2	7
C174460		5.65	10	1	0.04	<10	2.18	833	<1	0.03	88	380	3	0.09	<2	17
C174461		4.60	10	1	0.01	10	2.48	696	<1	0.05	101	480	2	0.05	<2	11
C174462		7.40	10	<1	<0.01	<10	3.56	1030	1	0.03	91	270	3	0.45	<2	25
C174463		5.36	10	<1	0.02	<10	2.34	756	7	0.04	97	430	7	0.60	<2	14
C174464		4.38	10	<1	0.14	10	1.51	607	<1	0.02	101	560	4	0.56	<2	5

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 3-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08145567

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
C174232		18	<20	0.03	<10	<10	24	10	5090
C174233		32	<20	0.14	<10	<10	86	<10	274
C174234		10	<20	0.23	<10	<10	254	<10	118
C174235		31	<20	0.23	<10	<10	206	<10	122
C174236		26	<20	0.23	<10	<10	184	<10	97
C174237		27	<20	0.05	<10	<10	28	<10	102
C174238		19	<20	0.15	<10	<10	57	<10	85
C174239		16	<20	0.15	<10	<10	64	<10	70
C174240		19	<20	0.13	<10	<10	47	<10	41
C174241		17	<20	0.14	<10	<10	76	<10	74
C174242		32	<20	0.18	<10	<10	108	<10	68
C174243		6	<20	0.08	<10	<10	58	10	139
C174244		1	<20	0.13	<10	<10	61	20	35
C174245		28	<20	0.18	<10	<10	139	10	87
C174246		25	<20	0.23	<10	<10	236	<10	91
C174247		10	<20	0.10	<10	<10	72	10	88
C174248		33	<20	0.06	<10	<10	40	<10	63
C174249		27	<20	0.25	<10	<10	176	<10	57
C174250		21	<20	0.04	<10	<10	24	<10	142
C174451		87	<20	0.05	<10	<10	63	20	54
C174452		23	<20	0.20	<10	<10	192	<10	57
C174453		14	<20	0.20	<10	<10	160	<10	55
C174454		3	<20	0.14	<10	<10	122	20	50
C174455		17	<20	0.19	<10	<10	149	10	72
C174456		33	<20	0.21	<10	<10	236	<10	94
C174457		17	<20	0.10	<10	<10	28	<10	77
C174458		16	<20	0.15	<10	<10	78	<10	101
C174459		14	<20	0.16	<10	<10	61	10	68
C174460		27	<20	0.18	<10	<10	134	<10	98
C174461		22	<20	0.16	<10	<10	93	<10	52
C174462		34	<20	0.28	<10	<10	228	<10	65
C174463		24	<20	0.21	<10	<10	124	<10	56
C174464		22	<20	0.15	<10	<10	41	<10	54

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 22-OCT-2008
Account: MANTMN

CERTIFICATE SD08140243

Project: CREE LAKE

P.O. No.:

This report is for 31 Rock samples submitted to our lab in Sudbury, ON, Canada on 1-OCT-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANTIS MINERAL CORP**
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SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 22-OCT-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08140243

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Au Check	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
C174201		0.62	0.069			0.9	2.83	113	<10	40	<0.5	14	0.41	<0.5	93	133
C174202		0.22	>10.0	14.15		3.4	0.52	94	<10	10	<0.5	5	4.39	0.6	25	27
C174203		1.18	>10.0	63.1		16.9	1.03	289	<10	10	<0.5	8	5.61	2.5	28	24
C174204		1.06	0.328			2.1	1.11	361	<10	20	<0.5	<2	7.42	<0.5	38	28
C174205		0.82	>10.0	41.0		12.1	0.84	227	<10	20	<0.5	6	4.02	3.3	28	34
C174206		0.96	>10.0	13.40		9.2	0.77	188	<10	20	<0.5	27	4.43	5.9	41	29
C174207		1.90	>10.0	19.15		9.3	0.32	214	<10	10	<0.5	11	1.97	29.2	13	21
C174208		1.82	0.471			0.8	1.17	6	<10	20	<0.5	8	3.84	<0.5	27	87
C174209		0.28	2.05			0.5	2.05	29	<10	20	<0.5	3	6.36	0.9	15	81
C174210		0.32	>10.0	100.5	105.5	27.8	1.48	143	<10	30	<0.5	14	3.66	2.3	24	58
C174211		0.80	>10.0	10.50	9.86	3.3	0.99	138	<10	20	<0.5	3	4.12	4.1	14	35
C174212		0.88	>10.0	61.1		16.4	1.07	285	<10	10	<0.5	7	4.66	31.2	17	39
C174213		1.06	>10.0	51.7		14.4	0.90	339	<10	10	<0.5	8	4.21	49.2	16	31
C174214		0.58	>10.0	195.0		57.6	0.37	880	<10	<10	<0.5	35	1.16	139.5	20	14
C174215		1.14	>10.0	184.0		43.4	0.17	459	<10	20	<0.5	18	1.88	41.7	10	16
C174216		0.42	0.303			<0.2	2.28	9	<10	20	<0.5	2	6.20	<0.5	18	122
C174217		0.62	>10.0	83.7		22.5	0.23	266	<10	<10	<0.5	8	5.67	10.3	9	11
C174218		0.54	>10.0	22.4		6.3	1.54	153	<10	20	<0.5	9	5.24	1.0	38	55
C174219		0.44	8.73			1.0	1.32	104	<10	20	<0.5	4	5.63	<0.5	45	51
C174220		1.14	0.066			<0.2	2.75	3	<10	10	<0.5	2	5.41	<0.5	23	192
C174221		0.46	4.64			1.4	1.67	49	<10	20	<0.5	4	4.24	0.8	21	56
C174222		0.74	>10.0	45.6		14.7	1.23	145	<10	20	<0.5	5	5.50	20.0	17	43
C174223		1.68	>10.0	139.5		56.6	0.40	924	<10	20	<0.5	65	0.34	3.3	25	9
C174224		0.42	0.063			3.5	0.51	77	<10	10	<0.5	3	5.71	18.1	17	19
C174225		1.66	>10.0	39.4		6.9	0.66	125	<10	10	<0.5	7	3.09	33.5	19	35
C174226		0.36	0.817			0.9	2.12	19	<10	20	<0.5	<2	6.57	<0.5	17	70
C174227		0.90	>10.0	36.1		13.5	0.59	227	<10	10	<0.5	10	2.38	25.3	24	35
C174228		1.30	9.35			2.6	0.68	109	<10	<10	<0.5	4	6.20	0.9	16	46
C174229		0.88	4.72			11.9	0.93	231	<10	10	<0.5	10	5.32	18.5	28	45
C174230		0.38	3.12			0.9	1.15	86	<10	30	<0.5	2	4.13	<0.5	19	46
C174231		0.70	>10.0	69.3		24.8	0.47	320	<10	10	<0.5	14	2.50	58.1	17	27

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 22-OCT-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08140243

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
C174201		640	18.9	10	<1	0.21	<10	0.96	539	3	0.01	114	340	24	>10.0	<2
C174202		262	3.31	<10	1	0.06	<10	0.20	327	3	0.01	26	100	96	2.32	<2
C174203		175	7.02	<10	2	0.04	<10	0.42	497	2	<0.01	34	90	464	5.95	<2
C174204		202	7.80	10	<1	0.09	<10	2.03	1475	7	0.04	37	460	21	5.24	<2
C174205		196	4.28	<10	2	0.16	<10	0.28	376	2	0.01	61	250	627	3.35	3
C174206		1215	5.33	<10	1	0.13	<10	0.29	356	8	0.01	66	190	698	4.93	<2
C174207		1010	2.74	<10	7	0.03	<10	0.11	247	1	<0.01	20	70	378	2.13	<2
C174208		132	4.75	<10	<1	0.10	<10	0.88	374	7	0.04	95	450	14	4.14	<2
C174209		94	4.20	10	<1	0.18	<10	0.87	711	2	0.01	76	390	70	0.63	<2
C174210		133	4.83	<10	2	0.23	<10	0.56	429	2	0.01	83	500	910	3.00	<2
C174211		201	3.10	<10	1	0.11	<10	0.35	446	2	<0.01	40	160	349	1.37	<2
C174212		585	5.03	<10	8	0.09	<10	0.43	501	2	<0.01	45	150	862	3.72	<2
C174213		493	5.34	<10	10	0.08	<10	0.38	457	2	<0.01	39	120	1520	4.55	<2
C174214		650	10.85	<10	41	0.03	<10	0.14	168	2	<0.01	30	40	8300	>10.0	<2
C174215		385	4.92	<10	14	0.03	<10	0.06	187	1	<0.01	12	30	4760	4.74	<2
C174216		34	4.08	10	1	0.18	<10	1.13	687	2	0.02	103	530	47	0.16	<2
C174217		108	3.52	<10	3	0.01	<10	0.09	382	2	<0.01	10	40	3720	3.58	<2
C174218		370	4.86	<10	1	0.13	<10	0.58	591	3	<0.01	68	350	813	2.36	<2
C174219		169	4.11	<10	<1	0.14	<10	0.48	579	3	<0.01	62	250	39	1.96	<2
C174220		31	4.44	10	1	0.02	<10	2.39	689	<1	0.05	115	500	21	0.68	<2
C174221		73	4.40	<10	<1	0.14	<10	0.61	556	2	0.01	65	290	118	0.91	<2
C174222		156	4.46	<10	5	0.12	<10	0.47	557	<1	0.01	49	180	900	2.35	<2
C174223		1330	15.0	<10	4	0.11	<10	0.11	112	12	<0.01	51	110	841	>10.0	5
C174224		328	2.97	<10	2	0.04	<10	0.19	419	1	<0.01	23	110	441	2.08	<2
C174225		142	3.90	<10	6	0.04	<10	0.32	345	1	<0.01	34	60	619	2.80	2
C174226		46	4.86	<10	<1	0.14	<10	0.76	770	1	0.01	67	330	36	0.73	<2
C174227		233	4.55	<10	4	0.08	<10	0.20	294	<1	0.01	34	80	1830	3.64	3
C174228		80	3.08	<10	<1	0.02	<10	0.28	524	1	<0.01	29	40	336	1.67	<2
C174229		270	4.43	<10	3	0.07	<10	0.47	466	1	0.01	33	90	1545	3.32	<2
C174230		71	4.01	<10	<1	0.14	<10	0.43	412	2	0.01	57	220	83	1.94	2
C174231		269	4.32	<10	10	0.05	<10	0.16	285	1	0.01	22	40	2630	3.82	<2

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 22-OCT-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08140243

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Zn
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.01
C174201		8	5	<20	0.18	<10	<10	94	20	37	
C174202		1	23	<20	0.03	<10	<10	14	<10	65	
C174203		4	29	<20	0.01	<10	<10	26	<10	200	
C174204		16	190	<20	<0.01	<10	<10	130	<10	114	
C174205		2	22	<20	0.04	<10	<10	14	<10	285	
C174206		2	24	<20	0.04	<10	<10	16	<10	372	
C174207		1	12	<20	0.01	<10	<10	12	<10	2500	
C174208		4	37	<20	0.10	<10	<10	51	140	56	
C174209		3	35	<20	0.06	<10	<10	31	<10	190	
C174210		2	20	<20	0.07	<10	<10	17	10	242	
C174211		2	20	<20	0.03	<10	<10	20	<10	390	
C174212		3	23	<20	0.03	<10	<10	23	<10	2800	
C174213		2	21	<20	0.03	<10	<10	18	<10	3890	
C174214		1	8	<20	0.01	<10	<10	8	<10	>10000	1.73
C174215		1	11	<20	<0.01	<10	<10	6	<10	4080	
C174216		4	31	<20	0.12	<10	<10	38	<10	198	
C174217		1	28	<20	<0.01	<10	<10	8	<10	552	
C174218		4	27	<20	0.04	<10	<10	41	<10	175	
C174219		5	30	<20	0.06	<10	<10	45	<10	86	
C174220		9	35	<20	0.16	<10	<10	88	<10	76	
C174221		4	21	<20	0.04	<10	<10	30	<10	152	
C174222		5	28	<20	0.04	<10	<10	27	<10	1900	
C174223		1	8	<20	0.01	<10	<10	7	<10	325	
C174224		2	29	<20	0.01	<10	<10	17	<10	1015	
C174225		2	15	<20	0.02	<10	<10	22	<10	2680	
C174226		6	34	<20	0.06	<10	<10	38	<10	114	
C174227		3	14	<20	0.04	<10	<10	22	<10	1720	
C174228		3	31	<20	0.01	<10	<10	35	<10	98	
C174229		5	26	<20	0.05	<10	<10	40	<10	1240	
C174230		2	21	<20	0.05	<10	<10	18	<10	60	
C174231		2	13	<20	0.02	<10	<10	17	<10	4080	

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212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 30-AUG-2008
Account: MANTMN

CERTIFICATE SD08114669

Project: CREE LAKE

P.O. No.:

This report is for 6 Rock samples submitted to our lab in Sudbury, ON, Canada on 15-AUG-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

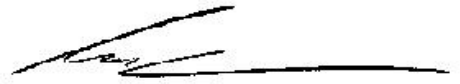
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08114669

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
C165601		1.96	>10.0	19.20	5.5	0.69	172	<10	10	<0.5	5	3.87	26.1	15	33	559
C165602		1.12	7.38		3.9	0.78	73	<10	10	<0.5	7	5.34	<0.5	20	41	138
C165603		1.30	0.083		0.4	1.75	8	<10	70	<0.5	<2	2.35	<0.5	26	67	117
C165604		1.16	>10.0	47.8	16.0	0.85	164	<10	20	<0.5	5	5.08	2.4	23	30	278
C165605		0.88	0.804		0.3	1.15	25	<10	50	<0.5	<2	3.61	<0.5	26	31	61
C165606		1.52	0.266		0.2	2.31	10	<10	10	<0.5	<2	0.88	<0.5	21	136	20

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Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08114669

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C165601		3.09	<10	7	0.06	<10	0.25	354	1	0.02	23	90	90	1.89	3	3
C165602		3.19	<10	<1	0.07	<10	0.35	382	12	0.02	35	140	166	2.02	<2	2
C165603		3.64	<10	<1	0.38	10	0.70	315	2	0.02	108	610	16	1.59	<2	3
C165604		4.28	<10	1	0.09	<10	0.33	387	5	<0.01	38	210	1050	3.12	<2	3
C165605		2.82	<10	<1	0.31	10	0.35	346	3	0.03	67	690	6	1.66	<2	3
C165606		3.38	10	<1	0.02	10	2.12	454	1	0.08	83	680	11	0.11	2	3

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CERTIFICATE OF ANALYSIS SD08114669

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
C165601		23	<20	0.02	<10	<10	26	<10	2380
C165602		31	<20	0.03	<10	<10	22	10	52
C165603		13	<20	0.12	<10	<10	27	<10	58
C165604		26	<20	0.02	<10	<10	23	<10	194
C165605		29	<20	0.08	<10	<10	16	10	29
C165606		42	<20	0.13	<10	<10	56	<10	31

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SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 15-DEC-2008
Account: MANTMN

CERTIFICATE SD08172591

Project: CREE LAKE

P.O. No.:

This report is for 49 Rock samples submitted to our lab in Sudbury, ON, Canada on 5-DEC-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15-DEC-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08172591

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
N651352		1.66	0.169	<0.2	1.65	<2	<10	70	<0.5	<2	2.46	<0.5	19	55	203	2.85
N651353		1.78	0.043	<0.2	2.81	<2	<10	30	<0.5	<2	2.62	<0.5	25	158	36	4.46
N651354		1.98	0.091	<0.2	2.49	<2	<10	30	<0.5	<2	2.51	<0.5	22	147	54	3.97
N651355		1.80	0.067	<0.2	4.21	2	<10	20	<0.5	<2	2.05	<0.5	38	190	291	6.50
N651356		1.06	0.256	<0.2	2.22	7	<10	60	<0.5	<2	3.39	<0.5	23	96	362	3.97
N651357		1.06	0.315	<0.2	3.69	2	<10	40	<0.5	<2	2.53	<0.5	29	112	224	5.89
N651358		1.50	0.037	<0.2	3.98	<2	<10	40	<0.5	<2	2.90	<0.5	33	212	58	6.41
N651359		1.76	0.064	<0.2	3.87	8	<10	20	<0.5	<2	2.28	<0.5	33	159	135	5.60
N651360		1.96	0.208	<0.2	4.65	4	<10	40	<0.5	<2	5.60	<0.5	36	157	403	6.97
N651361		1.74	0.550	<0.2	2.33	4	<10	40	<0.5	<2	2.27	<0.5	21	110	49	3.99
N651362		1.32	0.042	<0.2	4.61	5	<10	20	<0.5	<2	1.98	<0.5	40	192	40	6.70
N651363		1.40	0.464	<0.2	4.72	<2	<10	10	<0.5	<2	1.96	<0.5	42	206	150	7.20
N651364		1.56	0.020	<0.2	4.84	<2	<10	10	<0.5	<2	1.18	<0.5	37	239	72	7.60
N651365		1.26	0.127	<0.2	5.28	<2	<10	30	<0.5	<2	1.87	<0.5	43	247	501	8.48
N651366		1.18	0.032	0.3	2.30	3	<10	60	<0.5	<2	1.85	<0.5	23	107	26	4.19
N651367		1.38	0.034	<0.2	4.95	<2	<10	40	<0.5	<2	2.14	<0.5	44	203	364	8.27
N651368		1.28	0.062	<0.2	4.89	<2	<10	20	<0.5	<2	4.31	<0.5	45	211	281	8.38
N651369		1.12	0.235	0.5	5.42	<2	<10	60	<0.5	<2	2.53	<0.5	43	234	582	8.06
N651370		1.28	0.086	<0.2	4.93	4	<10	40	<0.5	<2	3.04	<0.5	41	238	262	8.86
N651371		1.46	0.114	<0.2	5.07	<2	<10	50	<0.5	<2	3.24	<0.5	38	229	543	7.86
N651372		1.82	0.050	0.2	4.89	5	<10	30	<0.5	<2	4.34	<0.5	43	237	384	7.82
N651373		1.38	1.465	0.4	2.54	37	<10	50	<0.5	<2	5.33	2.7	37	100	156	5.59
N651374		1.06	0.073	<0.2	4.97	<2	<10	10	<0.5	<2	3.37	<0.5	42	231	478	7.83
N651375		1.20	2.24	0.3	2.54	<2	<10	70	<0.5	<2	1.91	<0.5	26	192	86	3.98
N651376		1.04	0.011	0.3	3.17	<2	<10	40	<0.5	<2	3.54	<0.5	24	179	72	4.96
N651377		1.54	0.148	0.2	3.30	10	<10	70	<0.5	<2	2.52	<0.5	48	126	408	5.74
N651378		1.06	0.090	<0.2	5.11	<2	<10	50	<0.5	<2	1.86	<0.5	47	230	320	8.98
N651379		1.34	0.059	<0.2	2.04	<2	<10	50	<0.5	<2	3.69	<0.5	16	57	10	2.97
N651380		1.16	0.098	<0.2	5.23	4	<10	50	<0.5	<2	2.87	<0.5	48	229	223	8.67
N651381		1.54	0.010	0.4	2.24	<2	<10	40	<0.5	<2	2.63	<0.5	24	90	9	3.38
N651382		1.42	0.029	<0.2	3.96	3	<10	40	<0.5	<2	2.07	<0.5	46	181	265	7.75
N651383		1.70	0.020	<0.2	1.48	6	<10	50	<0.5	<2	1.95	<0.5	14	46	10	2.13
N651384		1.70	0.083	<0.2	5.24	3	<10	40	<0.5	<2	2.54	<0.5	48	233	318	8.24
N651385		1.44	0.008	<0.2	2.14	<2	<10	40	<0.5	<2	2.74	<0.5	13	57	5	3.19
N651386		1.34	0.007	<0.2	2.60	<2	<10	40	<0.5	<2	3.03	<0.5	18	102	7	3.70
N651387		1.64	0.239	<0.2	3.68	22	<10	50	<0.5	<2	2.94	<0.5	51	125	308	6.96
N651388		1.38	0.007	<0.2	2.67	<2	<10	50	<0.5	<2	2.58	<0.5	18	112	16	3.87
N651389		1.26	1.580	0.2	1.74	<2	<10	10	<0.5	<2	3.25	<0.5	13	164	25	2.87
N651390		1.64	0.114	<0.2	4.88	4	<10	40	<0.5	<2	3.28	<0.5	45	221	296	8.61
N651391		1.62	0.120	0.2	4.18	<2	<10	20	<0.5	<2	4.41	<0.5	34	191	268	7.01

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Finalized Date: 15-DEC-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08172591

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
N651352		<10	<1	0.31	10	0.85	334	<1	0.03	95	420	2	0.21	<2	2	20
N651353		10	<1	0.05	10	2.41	562	<1	0.06	101	570	2	0.04	<2	6	32
N651354		10	<1	0.05	10	2.09	549	<1	0.07	81	560	2	0.03	<2	6	51
N651355		10	1	<0.01	<10	4.03	963	<1	0.02	84	270	<2	0.03	<2	8	87
N651356		<10	<1	0.29	10	1.08	548	5	0.02	86	370	<2	0.06	<2	4	22
N651357		<10	<1	0.17	<10	2.77	781	<1	0.01	87	330	<2	0.04	<2	8	19
N651358		10	<1	0.05	10	3.50	853	<1	0.05	91	330	<2	0.07	<2	17	21
N651359		<10	1	<0.01	<10	3.68	824	<1	0.01	74	260	<2	0.02	<2	7	116
N651360		<10	<1	0.20	<10	3.60	935	<1	0.01	80	270	<2	0.06	<2	15	43
N651361		10	<1	0.13	10	1.73	501	<1	0.04	80	460	<2	0.08	2	6	21
N651362		<10	1	0.01	<10	4.51	982	<1	0.02	79	280	<2	0.01	<2	10	93
N651363		10	<1	0.01	<10	4.68	991	<1	0.01	92	250	6	0.04	4	10	65
N651364		20	1	<0.01	<10	4.96	1015	<1	0.03	92	310	<2	0.04	<2	21	13
N651365		20	<1	0.01	<10	4.71	1095	2	0.02	85	290	<2	0.27	4	28	9
N651366		10	<1	0.23	10	1.28	561	1	0.02	106	550	6	0.28	7	5	12
N651367		20	<1	0.09	<10	3.61	1145	<1	0.01	87	270	<2	0.21	7	20	10
N651368		20	<1	0.11	<10	3.32	1145	<1	0.02	94	270	3	0.14	6	25	19
N651369		20	<1	0.01	<10	5.38	1040	2	0.02	95	270	3	0.19	10	25	15
N651370		20	1	0.02	<10	3.58	1095	<1	0.03	89	290	2	0.18	8	28	17
N651371		20	<1	0.01	<10	4.80	1010	9	0.02	74	270	2	0.31	5	26	18
N651372		20	<1	0.03	<10	3.76	1065	<1	0.03	91	290	3	0.19	4	32	20
N651373		<10	<1	0.18	<10	1.32	742	2	0.01	75	190	22	1.13	6	8	26
N651374		20	<1	0.01	<10	4.58	1035	2	0.03	76	270	2	0.37	5	27	18
N651375		10	<1	0.07	<10	2.14	507	1	0.05	69	330	<2	0.11	2	8	12
N651376		10	<1	0.13	10	2.28	710	<1	0.04	105	460	3	0.11	3	10	18
N651377		<10	<1	0.27	<10	2.14	776	2	0.01	84	270	<2	0.44	3	10	16
N651378		20	<1	0.07	<10	3.60	1150	<1	0.03	93	290	6	0.29	5	26	11
N651379		<10	<1	0.29	10	1.08	471	<1	0.02	79	540	<2	0.07	<2	3	20
N651380		20	1	0.10	<10	4.29	1160	<1	0.02	101	290	<2	0.28	6	25	17
N651381		10	1	0.22	<10	1.46	503	<1	0.01	99	520	2	0.17	8	3	13
N651382		10	<1	0.21	<10	2.23	1080	1	0.01	111	310	2	0.22	6	12	13
N651383		<10	<1	0.30	10	0.63	320	<1	0.03	78	600	<2	0.06	<2	2	13
N651384		20	1	0.03	<10	4.72	1175	<1	0.02	89	290	<2	0.20	2	28	17
N651385		10	<1	0.26	10	1.17	492	<1	0.02	80	570	<2	0.02	<2	2	15
N651386		10	<1	0.24	10	1.77	542	<1	0.03	89	520	2	0.01	<2	4	16
N651387		10	<1	0.19	<10	2.39	976	<1	<0.01	91	260	2	0.66	3	10	19
N651388		10	<1	0.23	10	1.83	564	<1	0.03	102	530	<2	0.03	4	4	14
N651389		10	<1	0.03	<10	1.39	447	6	0.08	52	280	<2	0.02	<2	6	24
N651390		20	<1	0.01	<10	3.89	1005	<1	0.03	85	320	3	0.22	8	23	26
N651391		10	<1	0.01	<10	3.49	884	2	0.03	76	260	2	0.13	7	17	41

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CERTIFICATE OF ANALYSIS SD08172591

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
N651352		<20	0.13	<10	<10	23	<10	32
N651353		<20	0.12	<10	<10	65	<10	45
N651354		<20	0.11	<10	<10	67	<10	34
N651355		<20	0.27	<10	<10	153	<10	42
N651356		<20	0.10	<10	<10	27	<10	74
N651357		<20	0.18	<10	<10	83	<10	110
N651358		<20	0.20	<10	<10	162	<10	97
N651359		<20	0.24	<10	<10	121	<10	35
N651360		<20	0.20	10	<10	140	<10	134
N651361		<20	0.12	<10	<10	51	<10	47
N651362		<20	0.24	<10	<10	162	<10	43
N651363		<20	0.25	<10	<10	157	<10	62
N651364		<20	0.24	<10	<10	223	<10	60
N651365		<20	0.21	<10	<10	254	<10	63
N651366		<20	0.10	<10	<10	42	<10	40
N651367		<20	0.18	<10	<10	198	<10	60
N651368		<20	0.21	<10	<10	212	<10	133
N651369		<20	0.24	<10	<10	241	<10	49
N651370		<20	0.24	<10	<10	257	<10	98
N651371		<20	0.24	<10	<10	249	<10	61
N651372		<20	0.24	10	<10	247	<10	117
N651373		<20	0.11	<10	<10	78	<10	194
N651374		<20	0.25	10	<10	250	<10	60
N651375		<20	0.14	<10	<10	93	<10	30
N651376		<20	0.17	<10	<10	88	<10	69
N651377		<20	0.17	<10	<10	93	<10	36
N651378		<20	0.23	<10	<10	226	10	86
N651379		<20	0.11	<10	<10	24	<10	52
N651380		<20	0.30	<10	<10	221	<10	58
N651381		<20	0.11	<10	<10	28	<10	50
N651382		<20	0.16	<10	<10	122	<10	63
N651383		<20	0.10	<10	<10	18	10	33
N651384		<20	0.28	<10	<10	244	<10	57
N651385		<20	0.11	<10	<10	23	<10	53
N651386		<20	0.13	<10	<10	36	<10	38
N651387		<20	0.14	10	<10	103	<10	48
N651388		<20	0.13	<10	<10	36	<10	49
N651389		<20	0.09	<10	<10	71	<10	29
N651390		<20	0.26	<10	<10	241	<10	59
N651391		<20	0.22	<10	<10	196	<10	49

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 15-DEC-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08172591

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
N651392		1.22	0.119	<0.2	4.07	3	<10	20	<0.5	<2	3.80	<0.5	32	251	19	6.43
N651393		1.78	0.065	<0.2	2.47	<2	<10	40	<0.5	<2	2.34	<0.5	19	210	65	3.96
N651394		0.78	0.120	<0.2	5.59	<2	<10	40	<0.5	<2	2.82	<0.5	41	232	35	11.00
N651395		1.12	0.059	0.2	4.18	<2	<10	60	<0.5	<2	5.79	<0.5	37	170	194	8.15
N651396		1.28	0.840	<0.2	4.67	5	<10	30	<0.5	<2	4.85	<0.5	40	224	86	7.63
N651397		1.06	0.119	<0.2	3.80	<2	<10	40	<0.5	2	6.94	<0.5	33	180	173	6.61
N651398		1.18	0.066	<0.2	3.32	30	<10	100	<0.5	<2	2.51	<0.5	38	141	427	7.27
N651399		1.06	0.070	0.2	5.04	10	<10	60	<0.5	<2	2.42	<0.5	49	219	180	8.37
N651400		1.70	0.047	0.9	2.98	71	<10	120	<0.5	2	2.33	<0.5	57	122	508	7.44

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SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 15-DEC-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08172591

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
N651392		10	<1	0.01	10	3.50	893	1	0.06	115	310	3	0.05	<2	25	23
N651393		20	<1	0.03	10	2.14	557	1	0.07	69	390	<2	0.05	<2	9	23
N651394		20	<1	0.01	<10	3.82	1330	<1	0.02	95	330	3	0.14	9	36	15
N651395		10	<1	0.19	<10	2.12	1285	<1	0.01	95	310	3	0.10	3	15	25
N651396		10	1	0.05	<10	3.82	1065	17	0.03	95	280	<2	0.29	8	26	24
N651397		10	1	0.08	<10	2.75	1110	1	0.02	80	250	2	0.35	5	22	40
N651398		10	<1	0.35	<10	1.13	894	<1	0.01	97	330	4	0.24	7	10	11
N651399		20	<1	0.01	10	4.60	1025	1	0.03	108	320	<2	0.27	<2	19	24
N651400		10	<1	0.43	<10	0.89	749	1	<0.01	106	330	4	1.82	<2	10	14

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Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08172591

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
N651392		<20	0.21	<10	<10	235	<10	93
N651393		<20	0.18	<10	<10	109	<10	33
N651394		<20	0.20	20	<10	270	<10	79
N651395		<20	0.13	10	<10	145	<10	53
N651396		<20	0.14	<10	<10	218	10	122
N651397		<20	0.06	10	<10	168	<10	56
N651398		<20	0.10	<10	<10	104	<10	37
N651399		<20	0.19	<10	<10	236	<10	70
N651400		<20	0.15	<10	<10	101	130	32

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 24-NOV-2008
This copy reported on 26-NOV-2008
Account: MANTMN

CERTIFICATE SD08163338

Project: CREE LAKE

P.O. No.:

This report is for 49 Rock samples submitted to our lab in Sudbury, ON, Canada on 14-NOV-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

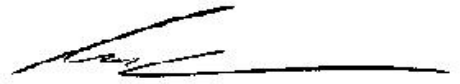
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 24-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08163338

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
C174402		1.68	<0.005	0.4	4.73	3	<10	10	<0.5	<2	5.54	<0.5	42	65	135	10.35
C174403		2.92	<0.005	0.3	4.90	6	<10	10	<0.5	<2	7.18	<0.5	37	60	120	10.55
C174404		1.62	0.009	0.4	4.79	2	<10	10	<0.5	<2	5.87	<0.5	40	65	128	9.95
C174405		1.48	0.026	0.4	5.09	4	<10	20	<0.5	<2	3.42	<0.5	44	72	137	11.40
C174406		2.64	0.023	0.6	4.04	19	<10	20	<0.5	<2	2.72	<0.5	47	72	167	11.05
C174407		2.16	0.008	0.3	3.87	7	<10	10	0.5	<2	5.06	<0.5	38	61	127	10.30
C174408		2.02	0.059	0.5	3.39	40	<10	20	<0.5	<2	5.59	<0.5	42	50	155	10.55
C174409		2.08	<0.005	0.2	4.60	4	<10	20	<0.5	<2	4.90	<0.5	42	65	130	10.05
C174410		2.10	<0.005	0.6	5.77	7	<10	20	<0.5	<2	3.42	<0.5	50	72	148	12.10
C174411		1.62	0.005	0.6	4.56	5	<10	30	<0.5	<2	5.37	<0.5	34	51	106	9.93
C174412		1.84	0.014	0.4	5.11	4	<10	10	<0.5	<2	3.86	<0.5	48	70	151	11.20
C174413		2.66	0.009	0.3	4.68	6	<10	10	<0.5	<2	4.11	<0.5	43	68	149	10.50
C174414		2.38	<0.005	0.4	4.33	6	<10	40	<0.5	<2	3.57	<0.5	43	71	136	9.08
C174415		3.04	0.011	0.2	4.13	4	<10	10	<0.5	<2	4.93	<0.5	42	69	134	9.00
C174416		2.36	0.091	0.8	3.38	113	<10	10	<0.5	<2	4.85	<0.5	39	55	110	9.25
C174417		2.74	0.135	0.9	1.99	119	<10	10	<0.5	<2	4.93	<0.5	40	44	134	9.32
C174418		2.58	0.005	<0.2	3.41	9	10	10	<0.5	<2	4.63	<0.5	38	55	140	9.95
C174419		2.62	0.073	0.3	3.41	24	<10	20	<0.5	<2	4.87	<0.5	42	57	130	10.20
C174420		1.82	0.006	<0.2	4.35	7	<10	10	<0.5	<2	3.99	<0.5	44	67	122	10.65
C174421		1.64	<0.005	<0.2	4.71	3	<10	10	<0.5	<2	5.49	<0.5	40	77	130	10.00
C174422		1.98	<0.005	<0.2	4.66	2	<10	10	<0.5	<2	5.69	<0.5	38	60	114	9.68
C174423		1.62	<0.005	<0.2	5.00	3	<10	<10	<0.5	<2	4.79	<0.5	41	62	124	10.50
C174424		1.68	<0.005	<0.2	4.49	13	<10	10	<0.5	<2	5.18	<0.5	41	59	128	9.69
C174425		2.56	<0.005	<0.2	2.92	6	<10	20	<0.5	<2	3.59	<0.5	25	27	88	6.39
C174426		1.62	0.007	0.4	4.68	22	<10	20	<0.5	<2	6.02	<0.5	36	50	124	10.15
C174427		1.48	0.023	0.3	3.63	19	<10	40	<0.5	<2	6.21	<0.5	32	38	102	8.38
C174428		1.50	0.158	1.1	2.40	86	<10	30	<0.5	<2	6.47	<0.5	22	21	205	6.23
C174429		1.36	0.026	0.5	3.22	61	<10	40	<0.5	<2	5.75	<0.5	34	41	144	7.87
C174430		1.66	0.113	0.8	2.89	200	<10	20	<0.5	<2	5.14	<0.5	33	43	119	7.85
C174431		1.08	0.010	0.4	3.56	12	<10	10	<0.5	<2	2.74	<0.5	23	35	62	7.77
C174432		1.38	0.150	1.7	0.77	108	<10	30	<0.5	<2	6.05	<0.5	26	18	45	6.40
C174433		1.86	0.309	2.7	0.47	192	<10	20	<0.5	<2	7.92	<0.5	28	11	38	5.96
C174434		1.04	0.013	<0.2	0.58	12	<10	20	<0.5	<2	2.98	<0.5	13	10	57	3.28
C174435		1.80	<0.005	<0.2	0.99	4	<10	40	<0.5	<2	3.18	<0.5	13	11	29	3.57
C174436		1.58	0.011	<0.2	0.66	9	<10	40	<0.5	<2	3.34	<0.5	12	20	24	3.16
C174437		1.42	0.019	<0.2	0.76	7	<10	60	<0.5	<2	4.40	<0.5	11	13	48	2.82
C174438		1.22	0.038	<0.2	0.71	10	<10	20	<0.5	2	3.05	<0.5	12	16	49	3.10
C174439		1.52	0.013	<0.2	0.87	6	<10	30	<0.5	<2	2.46	<0.5	9	10	19	3.03
C174440		0.88	0.006	<0.2	1.17	6	<10	20	<0.5	<2	1.94	<0.5	11	13	36	3.39
C174441		1.74	0.021	<0.2	1.15	13	<10	40	<0.5	<2	2.08	<0.5	12	11	26	3.47

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SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 24-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08163338

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
C174402		20	<1	0.01	<10	2.86	1430	<1	0.05	38	570	<2	0.19	<2	43	107
C174403		20	<1	<0.01	<10	2.90	1490	<1	0.03	35	520	<2	0.17	<2	39	140
C174404		20	<1	0.01	<10	3.11	1315	<1	0.03	40	540	<2	0.22	<2	40	109
C174405		20	<1	0.01	<10	3.97	1620	<1	0.04	46	590	<2	0.26	<2	43	76
C174406		20	<1	0.01	<10	2.88	1740	<1	0.05	63	600	<2	0.92	<2	41	64
C174407		20	<1	0.01	<10	3.31	1845	<1	0.05	35	510	<2	0.24	<2	36	115
C174408		20	<1	0.03	<10	2.57	1770	<1	0.07	35	570	<2	1.51	<2	36	146
C174409		20	<1	0.01	<10	2.82	1540	<1	0.05	39	580	<2	0.18	<2	43	96
C174410		20	<1	0.03	<10	3.51	1645	<1	0.04	52	660	<2	0.16	<2	45	61
C174411		20	<1	0.05	<10	2.66	1495	<1	0.02	39	470	<2	0.27	2	29	83
C174412		20	<1	0.01	<10	3.24	1470	<1	0.03	50	620	<2	0.19	<2	45	86
C174413		20	<1	0.01	<10	3.16	1475	<1	0.04	45	560	<2	0.21	<2	44	92
C174414		20	<1	0.01	<10	2.84	1310	<1	0.05	50	570	<2	0.14	<2	42	80
C174415		20	<1	0.02	<10	2.57	1225	<1	0.07	45	530	<2	0.22	<2	42	120
C174416		20	<1	0.08	<10	2.74	1535	2	0.05	43	470	10	2.00	<2	31	114
C174417		10	<1	0.10	<10	2.17	1725	1	0.07	36	480	14	3.83	<2	25	107
C174418		20	<1	0.01	<10	2.79	1865	<1	0.05	32	500	2	0.28	<2	26	106
C174419		20	<1	0.03	<10	3.14	1915	8	0.06	42	500	6	0.86	2	32	109
C174420		20	<1	0.01	<10	2.98	1760	<1	0.04	38	530	<2	0.17	<2	43	72
C174421		20	<1	0.02	<10	2.76	1525	<1	0.04	39	500	4	0.12	<2	39	82
C174422		20	<1	0.01	<10	2.84	1765	<1	0.03	39	450	<2	0.14	2	35	74
C174423		20	<1	0.01	<10	2.90	1545	<1	0.04	39	550	<2	0.15	<2	42	69
C174424		20	<1	0.11	<10	2.25	1715	<1	0.03	43	570	4	0.09	<2	31	62
C174425		10	<1	0.23	10	1.21	1120	1	0.03	38	570	2	0.11	2	15	43
C174426		20	<1	0.09	<10	2.29	1790	<1	0.02	37	520	<2	0.16	<2	29	103
C174427		10	<1	0.25	<10	1.82	1765	<1	0.02	34	510	<2	0.34	<2	19	150
C174428		10	<1	0.17	<10	1.26	1440	2	0.03	25	370	5	1.33	<2	9	122
C174429		10	<1	0.13	<10	1.78	1520	<1	0.05	36	490	2	0.84	<2	23	130
C174430		10	<1	0.07	<10	2.05	958	<1	0.06	34	450	6	1.57	<2	23	134
C174431		10	<1	0.01	<10	2.35	675	<1	0.08	28	450	<2	0.30	<2	17	80
C174432		<10	<1	0.12	<10	2.25	1790	54	0.04	93	340	8	1.64	<2	13	142
C174433		<10	<1	0.12	<10	2.79	1880	56	0.04	64	320	11	2.98	<2	13	226
C174434		<10	<1	0.18	<10	0.98	531	1	0.04	63	450	5	0.30	<2	2	39
C174435		<10	<1	0.25	10	1.11	511	1	0.04	51	480	3	0.18	<2	2	39
C174436		<10	<1	0.23	<10	1.08	464	1	0.03	61	500	3	0.46	<2	2	41
C174437		<10	<1	0.23	<10	0.70	439	1	0.04	49	460	2	0.22	<2	2	61
C174438		<10	<1	0.22	10	0.74	459	1	0.03	79	470	3	0.44	<2	2	35
C174439		<10	<1	0.29	10	0.93	433	1	0.04	57	480	3	0.16	<2	2	33
C174440		<10	<1	0.22	10	0.98	394	1	0.04	49	510	3	0.02	<2	2	27
C174441		<10	<1	0.30	10	0.97	497	1	0.03	62	520	4	0.08	2	2	32

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 24-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08163338

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
C174402		<20	0.08	<10	<10	366	<10	120
C174403		<20	0.05	<10	<10	339	<10	121
C174404		<20	0.02	<10	<10	348	<10	133
C174405		<20	0.04	<10	<10	367	<10	157
C174406		<20	0.04	<10	<10	367	<10	142
C174407		<20	0.06	<10	<10	316	<10	122
C174408		<20	0.06	<10	<10	313	<10	124
C174409		<20	0.07	<10	<10	356	<10	132
C174410		<20	0.06	<10	<10	394	<10	149
C174411		<20	0.06	<10	<10	265	<10	115
C174412		<20	0.07	<10	<10	383	<10	139
C174413		<20	0.08	<10	<10	375	<10	120
C174414		<20	0.05	<10	<10	359	<10	117
C174415		<20	0.07	<10	<10	361	<10	120
C174416		<20	0.02	<10	<10	266	<10	129
C174417		<20	0.01	<10	<10	189	<10	119
C174418		<20	0.07	<10	<10	266	<10	124
C174419		<20	0.06	<10	<10	296	<10	143
C174420		<20	0.08	<10	<10	366	<10	125
C174421		<20	0.06	<10	<10	340	<10	119
C174422		<20	0.04	<10	<10	307	<10	115
C174423		<20	0.05	<10	<10	356	<10	135
C174424		<20	0.05	<10	<10	280	<10	136
C174425		<20	0.06	<10	<10	150	<10	91
C174426		<20	0.05	<10	<10	267	<10	142
C174427		<20	0.03	<10	<10	177	<10	131
C174428		<20	0.01	<10	<10	88	<10	93
C174429		<20	0.04	<10	<10	199	<10	98
C174430		<20	0.02	<10	<10	219	<10	122
C174431		<20	0.02	<10	<10	168	<10	97
C174432		<20	0.01	<10	<10	70	<10	116
C174433		<20	<0.01	<10	<10	48	<10	89
C174434		<20	<0.01	<10	<10	8	<10	73
C174435		<20	<0.01	<10	<10	10	<10	38
C174436		<20	<0.01	<10	<10	7	<10	30
C174437		<20	<0.01	<10	<10	9	<10	39
C174438		<20	<0.01	<10	<10	9	<10	28
C174439		<20	<0.01	<10	<10	9	<10	31
C174440		<20	<0.01	<10	<10	12	<10	39
C174441		<20	<0.01	<10	<10	10	<10	36

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 24-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08163338

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
C174442		1.82	0.149	<0.2	0.72	16	<10	40	<0.5	<2	1.91	<0.5	14	12	42	3.24
C174443		2.06	0.245	1.7	0.71	8	<10	60	<0.5	<2	2.10	<0.5	14	8	149	3.75
C174444		1.84	0.256	2.0	0.41	9	<10	50	<0.5	<2	2.56	<0.5	13	7	157	3.55
C174445		0.72	0.030	0.3	0.40	17	10	20	<0.5	<2	8.09	<0.5	25	6	93	6.23
C174446		1.12	0.022	0.4	0.38	16	<10	20	<0.5	<2	6.26	<0.5	23	7	25	5.13
C174447		0.64	<0.005	0.2	1.35	25	<10	20	<0.5	<2	6.67	<0.5	27	23	95	6.39
C174448		1.60	<0.005	0.3	1.96	25	<10	20	<0.5	<2	6.45	<0.5	35	40	122	7.77
C174449		1.96	<0.005	0.4	2.46	15	<10	20	<0.5	<2	6.29	<0.5	38	50	132	7.75
C174450		1.26	<0.005	0.3	1.22	21	<10	30	<0.5	<2	2.07	1.1	12	14	31	3.46

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Finalized Date: 24-NOV-2008
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Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08163338

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
C174442		<10	<1	0.26	10	0.74	517	1	0.03	73	520	4	0.38	<2	2	31
C174443		<10	<1	0.31	10	0.80	526	<1	0.04	41	520	11	1.89	<2	2	40
C174444		<10	<1	0.26	10	0.74	605	<1	0.03	45	500	11	2.25	<2	2	43
C174445		<10	<1	0.21	<10	2.50	1380	<1	0.03	18	440	2	0.45	<2	14	167
C174446		<10	<1	0.20	<10	1.80	1075	<1	0.04	46	520	3	0.58	<2	6	110
C174447		<10	<1	0.29	<10	2.37	1575	<1	0.01	51	350	8	0.10	<2	9	115
C174448		10	<1	0.25	<10	2.46	1820	<1	0.01	80	430	2	0.14	<2	10	97
C174449		10	<1	0.28	<10	2.55	1690	<1	0.02	69	410	<2	0.16	<2	11	88
C174450		<10	<1	0.20	10	1.17	481	<1	0.04	30	560	9	0.42	<2	3	49

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Finalized Date: 24-NOV-2008
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Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08163338

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
C174442		<20	<0.01	<10	<10	8	<10	31
C174443		<20	<0.01	<10	<10	10	<10	29
C174444		<20	<0.01	<10	<10	7	<10	33
C174445		<20	<0.01	<10	<10	37	<10	56
C174446		<20	<0.01	<10	<10	21	<10	48
C174447		<20	0.01	<10	<10	64	<10	64
C174448		<20	0.01	<10	<10	81	<10	76
C174449		<20	0.01	<10	<10	97	<10	76
C174450		<20	<0.01	<10	<10	17	<10	269

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 27-NOV-2008
This copy reported on 28-NOV-2008
Account: MANTMN

CERTIFICATE SD08158966

Project: CREE LAKE

P.O. No.:

This report is for 50 Rock samples submitted to our lab in Sudbury, ON, Canada on 4-NOV-2008.

The following have access to data associated with this certificate:

WALTER HANYCH	ROBIN ROSS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANTIS MINERAL CORP**
ATTN: WALTER HANYCH
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 27-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158966

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
C174251		1.72	0.040		0.4	4.75	8	<10	10	<0.5	<2	5.89	<0.5	41	214	262
C174252		1.04	0.256		0.3	3.27	19	<10	30	<0.5	2	4.27	<0.5	32	131	230
C174253		3.02	2.11		0.6	3.27	14	<10	20	<0.5	<2	4.27	1.1	36	162	237
C174254		4.00	0.174		0.4	4.22	8	<10	30	<0.5	2	6.57	<0.5	40	166	704
C174255		2.52	>10.0	32.1	11.6	1.72	203	<10	30	<0.5	23	2.29	0.5	34	59	716
C174256		1.70	0.126		0.2	3.59	3	<10	20	<0.5	<2	2.94	<0.5	33	184	245
C174257		1.60	0.063		0.2	2.78	5	<10	10	<0.5	<2	1.93	<0.5	28	174	57
C174258		1.62	0.016		<0.2	2.05	4	<10	30	<0.5	<2	1.46	<0.5	18	104	65
C174259		1.14	0.025		0.2	2.08	2	<10	20	<0.5	<2	1.92	<0.5	17	110	33
C174260		1.22	0.064		<0.2	2.28	3	<10	10	<0.5	<2	3.00	<0.5	17	179	33
C174261		3.78	>10.0	34.2	20.9	0.47	226	<10	10	<0.5	58	1.19	8.0	29	33	1430
C174262		3.06	8.73		6.6	0.52	290	<10	10	<0.5	9	2.59	31.5	10	27	530
C174263		1.14	>10.0	50.1	73.5	0.55	191	<10	10	<0.5	659	1.41	4.2	48	34	6730
C174264		0.64	>10.0	41.0	26.7	0.84	360	<10	40	<0.5	68	1.01	13.3	22	34	715
C174265		1.22	>10.0	62.6	>100	0.63	178	<10	20	<0.5	1230	1.47	6.0	32	32	5830
C174267		1.24	8.76		7.9	0.63	172	<10	40	<0.5	25	0.40	1.1	47	32	874
C174268		1.50	>10.0	1300	>100	0.55	409	<10	20	<0.5	63	0.08	9.4	14	25	1200
C174269		2.98	6.48		4.8	0.27	210	<10	<10	<0.5	5	2.27	39.2	9	24	461
C174270		1.60	4.48		1.6	3.49	38	<10	20	<0.5	5	4.30	<0.5	40	70	126
C174271		2.32	0.252		2.8	1.33	138	<10	20	<0.5	4	3.52	<0.5	42	36	61
C174272		4.16	0.978		2.8	0.54	104	<10	10	<0.5	3	4.99	<0.5	27	22	122
C174273		2.76	0.046		0.5	3.44	27	<10	10	<0.5	4	4.66	<0.5	39	56	132
C174274		2.02	0.358		1.3	1.24	339	<10	40	<0.5	2	5.31	<0.5	37	19	168
C174275		2.90	0.269		1.2	1.88	561	<10	40	<0.5	2	4.87	<0.5	44	24	183
C174276		1.54	0.180		0.9	0.36	191	<10	30	<0.5	<2	5.78	<0.5	24	11	25
C174277		3.84	2.24		1.1	0.25	20	<10	10	<0.5	<2	7.73	<0.5	32	8	56
C174278		2.14	0.430		3.2	0.69	172	<10	30	<0.5	2	5.26	<0.5	29	20	48
C174279		1.56	0.407		2.1	0.94	148	<10	40	<0.5	<2	2.60	1.7	39	21	107
C174280		1.60	6.09		5.4	0.36	143	<10	30	<0.5	<2	3.23	<0.5	19	16	58
C174281		2.20	0.421		1.9	1.50	187	<10	20	<0.5	<2	7.02	<0.5	35	32	84
C174282		1.06	0.131		0.6	2.84	32	<10	20	<0.5	<2	8.21	<0.5	28	37	111
C174283		1.50	0.184		2.0	0.86	208	<10	40	<0.5	<2	7.40	0.9	35	17	166
C174284		1.84	0.015		<0.2	3.45	20	10	10	<0.5	<2	4.75	<0.5	38	49	125
C174285		1.64	0.005		<0.2	4.99	6	<10	10	<0.5	<2	3.77	<0.5	41	66	133
C174286		1.04	0.005		<0.2	2.69	49	<10	30	<0.5	<2	3.65	<0.5	44	68	140
C174287		1.88	<0.005		<0.2	2.36	26	<10	20	<0.5	<2	4.67	<0.5	38	55	120
C174288		1.66	0.007		<0.2	3.80	9	<10	10	<0.5	<2	4.55	<0.5	42	78	125
C174289		2.08	0.140		0.7	1.33	124	<10	30	<0.5	<2	7.30	<0.5	29	22	100
C174290		1.78	0.071		0.5	3.47	32	<10	20	<0.5	2	4.45	<0.5	40	79	107
C174291		2.56	<0.005		<0.2	4.29	15	<10	10	<0.5	<2	3.42	<0.5	45	72	133

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8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 27-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158966

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C174251		8.02	10	<1	0.05	<10	3.71	1190	<1	0.03	90	270	2	0.28	<2	25
C174252		6.76	10	<1	0.20	<10	1.71	991	<1	0.02	91	370	3	0.33	<2	11
C174253		7.00	10	1	0.13	<10	1.79	995	<1	0.03	91	360	35	0.61	<2	12
C174254		7.40	10	<1	0.20	<10	2.72	1090	<1	0.01	84	280	2	0.35	<2	13
C174255		6.72	<10	1	0.19	<10	0.69	537	3	0.01	61	320	137	3.46	<2	5
C174256		5.93	10	<1	0.08	<10	3.09	809	2	0.06	92	420	<2	0.36	<2	16
C174257		4.79	10	<1	0.04	10	2.45	638	<1	0.09	100	600	<2	0.44	<2	8
C174258		3.34	10	<1	0.15	10	1.53	447	<1	0.10	65	520	<2	0.19	<2	5
C174259		3.35	<10	<1	0.12	<10	1.68	488	<1	0.06	69	380	<2	0.18	<2	4
C174260		3.55	10	<1	0.07	<10	1.87	564	<1	0.12	72	380	<2	0.27	<2	5
C174261		4.25	<10	2	0.06	<10	0.24	209	3	<0.01	41	390	314	3.22	<2	2
C174262		2.39	<10	10	0.06	<10	0.22	284	5	0.01	22	40	348	1.13	<2	1
C174263		5.17	<10	2	0.06	<10	0.26	233	3	0.01	93	80	887	3.85	<2	2
C174264		4.75	<10	3	0.18	<10	0.29	246	9	0.01	47	60	525	3.03	<2	2
C174265		4.13	<10	2	0.07	<10	0.28	267	2	<0.01	64	60	1305	2.53	<2	2
C174267		8.07	<10	1	0.28	<10	0.18	91	9	0.02	85	160	82	7.38	6	4
C174268		11.00	<10	24	0.06	<10	0.23	150	2	<0.01	33	50	2140	4.35	<2	2
C174269		2.21	<10	10	0.01	<10	0.12	238	3	<0.01	12	10	205	1.33	<2	1
C174270		8.72	10	<1	0.04	<10	1.80	1140	<1	0.06	44	490	32	1.21	<2	36
C174271		8.83	10	<1	0.09	<10	1.54	1390	1	0.09	36	430	31	4.99	<2	22
C174272		7.20	<10	<1	0.03	<10	2.12	2170	105	0.03	99	180	19	2.23	<2	12
C174273		9.16	10	1	0.02	<10	2.63	1445	4	0.05	50	480	4	0.87	<2	34
C174274		8.11	<10	1	0.21	<10	1.99	1390	6	0.03	60	390	13	3.14	<2	13
C174275		9.29	<10	<1	0.28	<10	2.25	1390	7	0.03	57	570	17	4.02	<2	13
C174276		6.74	<10	<1	0.17	<10	2.26	1690	30	0.02	92	430	11	1.65	<2	10
C174277		7.06	<10	<1	0.13	<10	2.25	1515	<1	0.04	26	380	4	1.35	<2	16
C174278		6.75	<10	<1	0.10	<10	2.03	1305	26	0.04	61	360	18	4.08	<2	12
C174279		8.42	<10	<1	0.20	<10	1.02	1625	18	0.05	114	430	32	4.05	<2	13
C174280		5.74	<10	<1	0.05	<10	0.88	1520	50	0.05	60	320	16	2.40	<2	8
C174281		9.07	10	<1	0.05	<10	3.01	2120	5	0.05	49	370	25	4.53	<2	22
C174282		7.50	10	<1	0.06	<10	2.00	1730	5	0.02	27	340	6	1.75	<2	20
C174283		7.94	<10	<1	0.18	<10	3.15	1685	82	0.01	86	410	516	2.66	2	10
C174284		9.47	10	1	0.07	<10	2.79	1955	<1	0.02	55	500	6	0.19	<2	26
C174285		10.40	20	1	0.01	<10	4.32	1815	<1	0.02	43	470	5	0.20	<2	37
C174286		9.15	10	<1	0.17	<10	1.30	2010	<1	0.01	160	460	5	0.11	<2	11
C174287		6.51	10	<1	0.19	<10	2.17	1455	<1	0.02	67	380	<2	0.09	<2	9
C174288		8.17	10	<1	0.15	<10	3.23	1505	<1	0.01	75	420	<2	0.15	<2	14
C174289		5.90	<10	<1	0.13	<10	2.94	1355	110	0.03	74	290	9	1.14	<2	12
C174290		9.38	10	1	0.02	<10	3.53	1775	81	0.03	152	430	9	0.45	<2	33
C174291		10.15	20	<1	<0.01	<10	3.55	1695	<1	0.04	75	520	4	0.07	<2	41

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 27-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158966

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2	1
C174251		36	<20	0.17	<10	<10	212	<10	157	
C174252		29	<20	0.11	<10	<10	106	<10	130	
C174253		35	<20	0.14	<10	<10	150	<10	230	
C174254		44	<20	0.12	<10	<10	132	<10	121	
C174255		15	<20	0.04	<10	<10	50	<10	137	
C174256		20	<20	0.17	<10	<10	138	<10	43	
C174257		24	<20	0.10	<10	<10	80	<10	36	
C174258		16	<20	0.13	<10	<10	53	<10	24	
C174259		19	<20	0.08	<10	<10	47	<10	26	
C174260		32	<20	0.08	<10	<10	68	<10	27	
C174261		11	<20	0.02	<10	<10	19	<10	403	
C174262		16	<20	0.01	<10	<10	11	10	3530	
C174263		13	<20	0.02	<10	<10	25	<10	205	
C174264		12	<20	0.04	<10	<10	30	<10	628	
C174265		12	<20	0.02	<10	<10	20	<10	258	123
C174267		26	<20	0.12	<10	<10	26	10	101	
C174268		14	<20	0.03	<10	<10	19	<10	424	259
C174269		14	<20	<0.01	<10	<10	8	<10	3320	
C174270		76	<20	0.03	<10	<10	319	<10	129	
C174271		83	<20	0.01	<10	<10	128	<10	95	
C174272		116	<20	<0.01	<10	<10	57	<10	128	
C174273		97	<20	0.01	<10	<10	283	<10	155	
C174274		111	<20	0.01	<10	<10	81	<10	88	
C174275		79	<20	0.01	<10	<10	87	<10	109	
C174276		110	<20	<0.01	<10	<10	39	<10	115	
C174277		166	<20	<0.01	<10	<10	41	<10	68	
C174278		110	<20	<0.01	<10	<10	60	<10	82	
C174279		64	<20	0.01	<10	<10	80	<10	397	
C174280		79	<20	<0.01	<10	<10	37	<10	66	
C174281		170	<20	0.01	<10	<10	142	<10	146	
C174282		160	<20	0.02	<10	<10	183	<10	96	
C174283		165	<20	<0.01	<10	<10	66	<10	262	
C174284		65	<20	0.01	<10	<10	221	<10	107	
C174285		63	<20	0.01	<10	<10	317	<10	134	
C174286		30	<20	<0.01	<10	<10	98	<10	84	
C174287		54	<20	<0.01	<10	<10	93	<10	73	
C174288		49	<20	0.01	<10	<10	145	<10	102	
C174289		179	<20	<0.01	<10	<10	90	<10	136	
C174290		100	<20	0.03	<10	<10	295	<10	170	
C174291		88	<20	0.06	<10	<10	366	<10	119	

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To: **MANTIS MINERAL CORP**
8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 27-NOV-2008
Account: MANTMN

Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158966

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
C174292		1.30	0.124		0.7	2.85	27	<10	40	<0.5	<2	5.46	<0.5	39	21	190
C174293		1.08	0.245		1.8	2.19	115	<10	30	<0.5	<2	6.90	<0.5	36	27	110
C174294		1.40	0.113		0.6	4.33	27	<10	20	<0.5	<2	3.87	<0.5	42	56	133
C174295		0.94	>10.0	26.0	76.1	0.57	349	<10	20	<0.5	209	1.71	2.6	27	25	2260
C174296		2.34	>10.0	301	>100	0.37	175	<10	10	<0.5	550	1.07	2.3	23	28	2720
C174297		3.52	0.143		0.4	4.50	18	<10	20	<0.5	4	4.63	<0.5	41	67	134
C174298		3.54	0.476		1.5	1.58	226	<10	30	<0.5	3	5.98	<0.5	37	25	88
C174299		2.68	0.008		<0.2	4.82	8	<10	10	<0.5	<2	3.96	<0.5	42	69	123
C174300		1.24	0.253		1.7	0.41	108	<10	10	<0.5	<2	10.40	<0.5	28	13	158
N651351		2.50	<0.005		<0.2	1.51	8	<10	70	<0.5	<2	2.10	<0.5	12	15	16

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TORONTO ON M5C 1B5

Finalized Date: 27-NOV-2008
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Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158966

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C174292		9.24	10	<1	0.22	<10	2.58	1265	1	0.02	46	610	5	2.35	<2	21
C174293		7.97	10	1	0.13	<10	2.94	1995	45	0.03	61	370	10	3.11	<2	15
C174294		10.10	20	<1	0.08	<10	2.98	1315	1	0.03	48	520	7	1.05	<2	32
C174295		4.33	<10	1	0.06	<10	0.28	260	3	<0.01	34	260	908	3.63	2	2
C174296		3.55	<10	6	0.03	<10	0.15	190	6	<0.01	35	40	1190	2.74	2	1
C174297		9.96	20	<1	0.02	<10	2.68	1505	<1	0.04	40	510	8	0.39	<2	41
C174298		7.96	10	<1	0.12	<10	2.45	1670	9	0.02	45	400	18	4.32	2	15
C174299		9.97	20	1	0.02	<10	2.78	1560	<1	0.03	50	530	4	0.21	<2	40
C174300		6.57	<10	<1	0.04	<10	3.65	2450	26	0.02	59	170	12	2.71	<2	12
N651351		3.14	<10	1	0.26	10	1.11	443	<1	0.02	30	510	<2	0.05	<2	2

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8 KING STREET EAST
SUITE 1500
TORONTO ON M5C 1B5

Finalized Date: 27-NOV-2008
Account: MANTMN

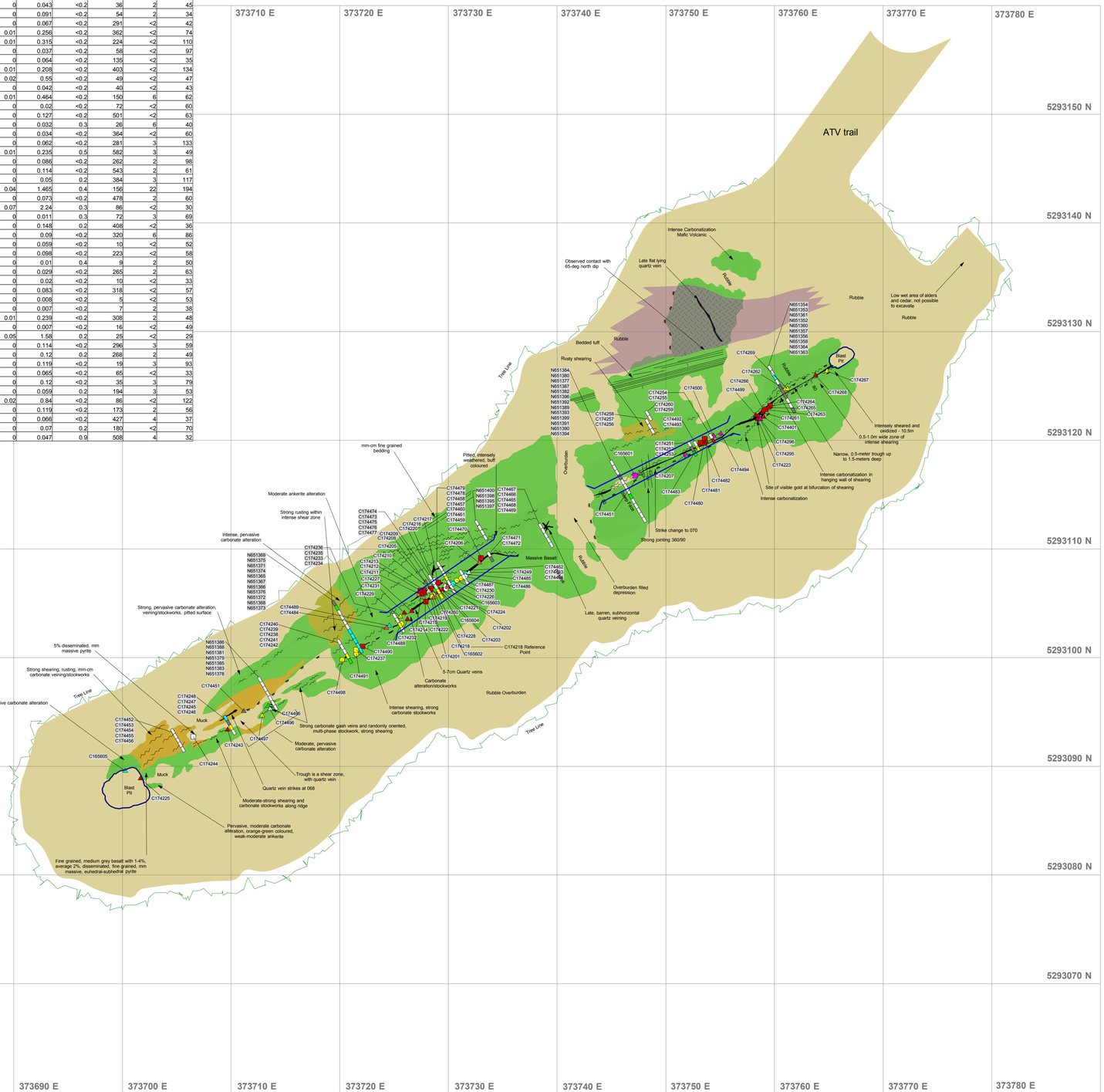
Project: CREE LAKE

CERTIFICATE OF ANALYSIS SD08158966

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2	1
C174292		89	<20	0.01	<10	<10	172	<10	112	
C174293		190	<20	0.01	<10	<10	125	<10	152	
C174294		91	<20	0.03	<10	<10	291	<10	164	
C174295		12	<20	0.02	<10	<10	20	<10	168	
C174296		9	<20	0.01	<10	<10	15	<10	137	178
C174297		113	<20	0.07	<10	<10	364	<10	132	
C174298		152	<20	0.01	<10	<10	105	<10	112	
C174299		71	<20	0.05	<10	<10	358	<10	137	
C174300		296	<20	<0.01	<10	10	52	<10	120	
N651351		28	<20	<0.01	<10	<10	18	<10	49	

Sample No.	Type	Au opt	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm
C165601	SC	0.56	19.2	5.5	559	90	2380
C165602	GL	0.22	7.38	3.9	138	166	52
C165603	GB	0	0.083	0.4	117	16	58
C165604	GB	1.39	47.8	16	278	1050	194
C165605	GB	0.02	0.804	0.3	61	6	29
C174201	GB	0	0.069	0.9	640	24	37
C174202	DC	0.41	14.15	3.4	262	96	65
C174203	GB	1.84	63.1	16.9	175	464	200
C174205	SC	1.2	41	12.1	196	627	285
C174206	GB	0.39	13.4	9.2	1215	698	372
C174207	GL	0.56	19.15	9.3	1010	378	2500
C174208	GB	0.01	0.471	0.8	132	14	56
C174209	DC	0.06	2.05	0.5	94	70	190
C174210	DC	2.93	100.5	27.8	133	910	242
C174211	SC	0.31	10.5	3.3	201	349	390
C174212	SC	1.78	61.1	16.4	585	862	2800
C174213	SC	1.51	51.7	14.4	493	1520	3890
C174214	GB	5.69	195	57.6	650	8300	17300
C174215	GB	5.37	184	43.4	385	4760	4080
C174216	DC	0.01	0.303	<0.2	34	47	198
C174217	SC	2.44	83.7	22.5	108	3720	552
C174218	DC	0.65	22.4	6.3	370	813	175
C174219	DC	0.25	8.73	1	169	39	86
C174220	SC	0	0.066	<0.2	31	21	76
C174221	DC	0.14	4.64	1.4	73	118	152
C174222	SC	1.33	45.6	14.7	156	900	1900
C174223	GB	4.07	139.5	56.6	1330	841	325
C174224	DC	0	0.063	3.5	328	441	1015
C174225	GB	1.15	39.4	6.9	142	619	2680
C174226	DC	0.02	0.817	0.9	46	36	114
C174227	GB	1.05	36.1	13.5	233	1630	1720
C174228	SC	0.27	9.35	2.6	80	336	98
C174229	GB	0.14	4.72	11.9	270	1545	1240
C174230	DC	0.09	3.12	0.9	71	83	60
C174231	GB	2.02	69.3	24.8	269	2630	4080
C174232	GB	2.65	90.9	32.5	283	1890	5090
C174233	CC	0.16	5.45	2.4	240	271	274
C174234	CC	0.01	0.451	<0.2	189	20	118
C174235	CC	0.01	0.195	0.3	328	4	122
C174236	CC	0	0.095	<0.2	287	4	97
C174237	SC	0.17	5.71	1.9	193	57	102
C174238	CC	0	0.052	<0.2	46	3	85
C174239	CC	0	0.029	<0.2	69	6	70
C174240	CC	0	0.019	<0.2	6	3	41
C174241	CC	0.11	3.76	1.1	106	19	74
C174242	CC	0.04	1.315	0.5	231	7	68
C174243	GB	1.32	45.2	9.3	417	90	139
C174244	SC	0	0.136	0.3	957	3	35
C174245	CC	0.25	8.59	1.4	228	27	87
C174246	CC	0	0.12	<0.2	174	3	91
C174247	CC	0.01	0.353	0.6	73	4	88
C174248	CC	0.01	0.495	0.3	32	5	63
C174249	GB	0	0.028	0.2	120	4	57
C174250	GB	0.46	15.75	4.6	64	285	142
C174251	CC	0	0.04	0.4	262	2	157
C174252	CC	0.01	0.256	0.3	230	3	130
C174253	CC	0.06	2.11	0.6	237	35	230
C174254	CC	0.01	0.174	0.4	704	2	121
C174255	CC	0.94	32.1	11.6	716	137	137
C174256	CC	0	0.126	0.2	245	<2	43
C174257	CC	0	0.063	0.2	57	<2	36
C174258	CC	0	0.016	<0.2	65	<2	24
C174259	CC	0	0.025	0.2	33	<2	26
C174260	CC	0	0.064	<0.2	33	<2	27
C174261	GB	1	34.2	20.5	1430	314	403
C174262	GB	0.25	8.73	6.6	530	348	3530
C174263	SC	1.46	50.1	73.5	6730	887	205
C174264	SC	1.2	41	26.7	715	525	628
C174265	GB	1.83	62.6	123	5830	1305	258
C174266	DC	1.11	38	35.7	2420	549	367
C174267	GB	0.26	8.76	7.9	874	82	101
C174268	GB	37.91	1300	259	1200	2140	424
C174269	GB	0.19	6.48	4.8	461	205	3320
C174295	GB	0.76	26	76.1	2260	908	168
C174296	GB	8.78	301	178	2720	1190	137
C174401	GB	5.02	172	114	6570	860	1755
C174451	GB	0.01	0.199	0.3	174	13	54
C174452	CC	0	0.094	<0.2	191	4	57
C174453	CC	0	0.051	<0.2	406	2	55
C174454	C	0	0.041	<0.2	259	22	50
C174455	CC	0	0.041	<0.2	306	11	72
C174456	CC	0	0.106	<0.2	285	4	94
C174457	CC	0.1	3.33	0.8	57	42	77
C174458	CC	0	0.026	<0.2	11	11	101
C174459	CC	0	0.054	0.5	80	11	68
C174460	CC	0	0.013	0.2	45	3	98
C174461	CC	0	0.023	<0.2	8	2	52
C174462	CC	0	0.034	<0.2	233	3	65
C174463	CC	0	0.012	0.7	158	7	56
C174464	CC	0	0.024	<0.2	15	4	54
C174465	CC	0	0.016	<0.2	67	<2	67
C174466	CC	0	0.039	0.2	142	<2	66
C174467	CC	0	0.018	0.3	174	<2	58
C174468	CC	0	0.167	<0.2	226	<2	62
C174469	CC	0	0.147	0.2	286	<2	53
C174470	SC	1.42	48.6	8.5	165	13	35
C174471	CC	0	0.131	0.3	266	<2	70
C174472	CC	0.01	0.311	<0.2	105	<2	61
C174473	CC	0	0.018	<0.2	12	<2	72
C174474	CC	0	0.02	0.2	6	<2	50
C174475	CC	0	0.013	<0.2	2	<2	111
C174476	CC	0.28	9.65	3.4	191	414	209
C174477	CC	0.15	5.3	1.4	171	126	149
C174478	CC	0	0.036	<0.2	312	9	71
C174479	CC	0	0.034	0.2	124	<2	68
C174480	GB	4.42	151.5	55	1440	661	283
C174481	GB	6.68	229	89.3	6740	617	175
C174482	SC	5.72	196	68.9	3600	595	207
C174483	SC	3.02	103.5	37.8	1170	338	1095
C174484	GB	0.35	11.85	2.7	89	13	26
C174485	DC	0.03	0.886	1.7	63	34	39
C174486	DC	0	0.015	<0.2	120	<2	53
C174487	DC	0.23	8.01	2.5	206	39	53
C174488	DC	0.18	6.04	2.4	265	116	123
C174489	GB	0.02	0.608	0.5	188	5	52
C174490	SC	1.07	36.7	7.5	133	336	1920
C174491	DC	0.15	5.07	0.7	154	11	102
C174492	CC	0	0.101	<0.2	205	<2	145
C174493	CC	0.12	4.06	1.8	371	4	172
C174494	GB	0.76	26.2	12.4	1250	73	80
C174495	GB	0.04	1.27	0.7	82	7	120
C174496	GB	0.01	0.198	0.9	305	10	40
C174497	GB	0.12	4.05	1	102	7	250
C174498	DC	0.26	8.86	1.7	199	26	81
C174499	GB	1.11	37.9	26.9	1390	397	727
C174500	GB	0.59	20.2	13.8	1350	95	78

Sample No.	Type	Au opt	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm
N651351	CC	0	0.005	<0.2	16	<2	49
N651352	CC	0	0.169	<0.2	203	2	32
N651353	CC	0	0.043	<0.2	36	2	45
N651354	CC	0	0.091	<0.2	54	2	34
N651355	CC	0	0.067	<0.2	291	<2	42
N651356	CC	0.01	0.256	<0.2	362	<2	74
N651357	CC	0.01	0.315	<0.2	224	<2	110
N651358	CC	0	0.037	<0.2	58	<2	97
N651359	CC	0	0.064	<0.2	135	<2	35
N651360	CC	0.01	0.208	<0.2	403	<2	134
N651361	CC	0.02	0.55	<0.2	49	<2	47
N651362	CC	0	0.042	<0.2	40	<2	43
N651363	CC	0.01	0.464	<0.2	150	6	62
N651364	CC	0	0.02	<0.2	72	<2	60
N651365	CC	0	0.127	<0.2	501	<2	63
N651366	CC	0	0.032	0.3	26	6	40
N651367	CC	0	0.034	<0.2	364	<2	60
N651368	CC	0	0.062	<0.2	281	3	133
N651369	CC	0.01	0.235	0.5	582	3	49
N651370	CC	0	0.086	<0.2	262	2	98
N651371	CC	0	0.114	<0.2	543	2	61
N651372	CC	0	0.05	0.2	384	3	117
N651373	CC	0.04	1.465	0.4	156	22	194
N651374	CC	0	0.073	<0.2	478	2	60
N651375	CC	0.07	2.24	0.3	86	<2	30
N651376	CC	0	0.011	0.3	72	3	69
N651377	CC	0	0.148	0.2	408	<2	36
N651378	CC	0	0.09	<0.2	320	6	86
N651379	CC	0	0.059	<0.2	10	<2	52
N651380	CC	0	0.098	<0.2	223	<2	58
N651381	CC	0	0.01	0.4	9	2	50
N651382	CC	0	0.029	<0.2	265	2	63
N651383	CC	0	0.02	<0.2	10	<2	33
N651384	CC	0	0.083	<0.2	318	<2	57
N651385	CC	0	0.008	<0.2	5	<2	53
N651386	CC	0	0.007	<0.2	7	2	38
N651387	CC	0.01	0.239	<0.2	308	2	48
N651388	CC	0	0.007	<0.2	16	<2	49
N651389	CC	0.05	1.58	0.2	25	<2	29
N651390	CC	0	0.114	<0.2	296	3	59
N651391	CC	0	0.12	0.2	268	2	49
N651392	CC	0	0.119	<0.2	19	3	93
N651393	CC	0	0.065	<0.2	65	<2	33
N651394	CC	0	0.12	<0.2	35	3	79
N651395	CC	0	0.059	0.2	194	3	53
N651396	CC	0.02	0.84	<0.2	86	<2	122
N651397	CC	0	0.119	<0.2	173	2	56
N651398	CC	0	0.066	<0.2	427	4	37
N651399	CC	0	0.07	0.2	180	<2	70
N651400	CC	0	0.047	0.9	508	4	32



UTM ZONE 17, NAD 83
10-METER UTM GRID

SCALE 1: 200

0 2 4 6 8 10-meters

LEGEND

LITHOLOGY

- OVERBURDEN
- MAFIC DIKE
- QUARTZ CARBONTE VEIN
- ANDESITIC VOLCANIC SUCCESSION

ALTERATION

- OXIDATION
- CARBONATE

SAMPLE SYMBOLS

C174259, C174258, C174257

- **CC:** CONTINUOS CHANNEL CUT. EACH SEGMENT = 50CM
- **GB:** GRAB BEDROCK SAMPLE: TYPICALLY >500+ GRAMS
- **SC:** SPOT CUT SAMPLE: TYPICALLY 15CM X 8CM
- **DC:** DRILL CORE PLUG SAMPLE: TYPICALLY 25-50CM LONG
- **GL:** GRAB LOOSE SAMPLE

Au ASSAY VALUES:
COLOR-CODED RANGE in PPM
FOR SAMPLE TYPES

- <.2
- ≥.2<.5
- ≥.5<1
- ≥1<3
- ≥3<10
- ≥10<17
- ≥17<34
- ≥34

SYMBOLS

- BEDDING WITH AND WITHOUT DIP
- SHEAR FABRIC
- SCARP FACE
- OLD BLAST TRENCH
- OLD BLAST PIT
- TREE LINE

MANTIS EXPLORATIONS INC.

CREE LAKE PROPERTY

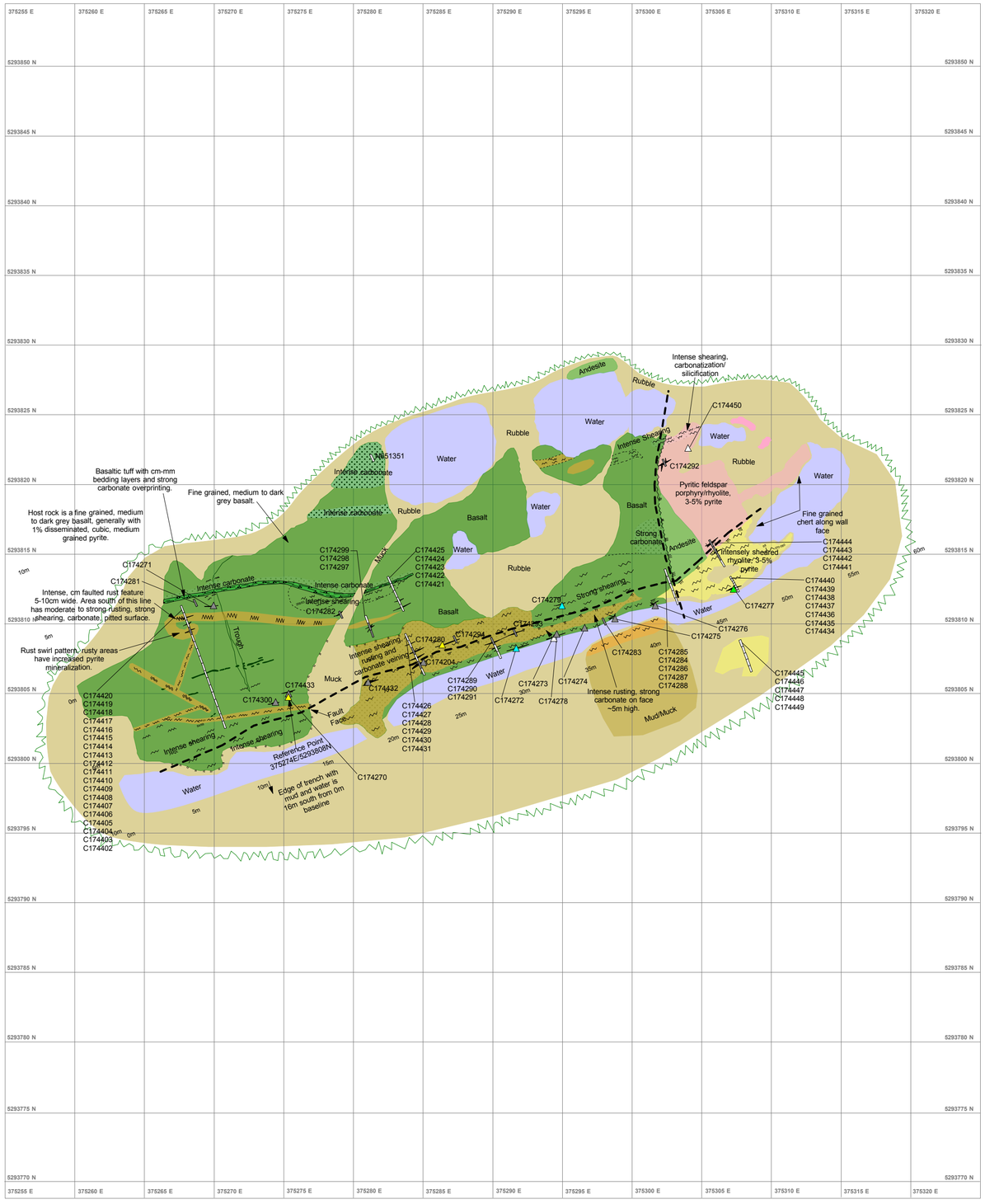
FLINT ROCK OCCURRENCE
SWAYZE TOWNSHIP, ONTARIO

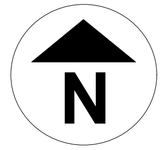
TRENCH AND SAMPLING MAP

Geology and CAD by: W. Hanych & S. Ewanchuk
Sampling by: C. Johnson

December, 2008

Sample No.	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm
C174204	0.328	2.1	202	21	114
C174270	4.48	1.6	126	32	129
C174271	0.252	2.8	61	31	95
C174272	0.978	2.8	122	19	128
C174273	0.046	0.5	132	4	155
C174274	0.358	1.3	168	13	88
C174275	0.269	1.2	183	17	109
C174276	0.18	0.9	25	11	115
C174277	2.24	1.1	56	4	68
C174278	0.43	3.2	48	18	82
C174279	0.407	2.1	107	32	397
C174280	6.09	5.4	58	16	66
C174281	0.421	1.9	84	25	146
C174282	0.131	0.6	111	6	96
C174283	0.184	2	166	516	262
C174284	0.015	<0.2	125	6	107
C174285	0.005	<0.2	133	5	134
C174286	0.005	<0.2	140	5	84
C174287	<0.005	<0.2	120	<2	73
C174288	0.007	<0.2	125	<2	102
C174289	0.14	0.7	100	9	136
C174290	0.071	0.5	107	9	170
C174291	<0.005	<0.2	133	4	119
C174292	0.124	0.7	190	5	112
C174293	0.245	1.8	110	10	152
C174294	0.113	0.6	133	7	164
C174297	0.143	0.4	134	8	132
C174298	0.476	1.5	88	18	112
C174299	0.008	<0.2	123	4	137
C174300	0.253	1.7	158	12	120
C174402	<0.005	0.4	135	<2	120
C174403	<0.005	0.3	120	<2	121
C174404	0.009	0.4	128	<2	133
C174405	0.026	0.4	137	<2	157
C174406	0.023	0.6	167	<2	142
C174407	0.008	0.3	127	<2	122
C174408	0.059	0.5	155	<2	124
C174409	<0.005	0.2	130	<2	132
C174410	<0.005	0.6	148	<2	149
C174411	0.005	0.6	106	<2	115
C174412	0.014	0.4	151	<2	139
C174413	0.009	0.3	149	<2	120
C174414	<0.005	0.4	136	<2	117
C174415	0.011	0.2	134	<2	120
C174416	0.091	0.8	110	10	129
C174417	0.135	0.9	134	14	119
C174418	0.005	<0.2	140	2	124
C174419	0.073	0.3	130	6	143
C174420	0.006	<0.2	122	<2	125
C174421	<0.005	<0.2	130	4	119
C174422	<0.005	<0.2	114	<2	115
C174423	<0.005	<0.2	124	<2	135
C174424	<0.005	<0.2	128	4	136
C174425	<0.005	<0.2	88	2	91
C174426	0.007	0.4	124	<2	142
C174427	0.023	0.3	102	<2	131
C174428	0.158	1.1	205	5	93
C174429	0.026	0.5	144	2	98
C174430	0.113	0.8	119	6	122
C174431	0.01	0.4	62	<2	97
C174432	0.15	1.7	45	8	116
C174433	0.309	2.7	38	11	89
C174434	0.013	<0.2	57	5	73
C174435	<0.005	<0.2	29	3	38
C174436	0.011	<0.2	24	3	30
C174437	0.019	<0.2	48	2	39
C174438	0.038	<0.2	49	3	28
C174439	0.013	<0.2	19	3	31
C174440	0.006	<0.2	36	3	39
C174441	0.021	<0.2	26	4	36
C174442	0.149	<0.2	42	4	31
C174443	0.245	1.7	149	11	29
C174444	0.256	2	157	11	33
C174445	0.03	0.3	93	2	56
C174446	0.022	0.4	25	3	48
C174447	<0.005	0.2	95	8	64
C174448	<0.005	0.3	122	2	76
C174449	<0.005	0.4	132	<2	76
C174450	<0.005	0.3	31	9	269
N651351	<0.005	<0.2	16	<2	49





UTM ZONE 17, NAD 83

5-METER UTM GRID

SCALE 1: 250

0 2 4 6 8 10-meters

LEGEND

LITHOLOGY

- OVERBURDEN
- QUARTZ CARBONTE VEIN
- QUARTZ-FELDSPAR PORPHYRY
- RHYOLITE
- ANDESITE
- BASALTIC TUFF
- BASALT

ALTERATION

- OXIDATION
- CARBONATE

SAMPLE SYMBOLS

C174259
C174258
C174257

CC: CONTINUOS CHANNEL CUT. EACH SEGMENT = 50CM

GB: GRAB BEDROCK SAMPLE: TYPICALLY >500+ GRAMS

SC: SPOT CUT SAMPLE: TYPICALLY 15CM X 8CM

Au ASSAY VALUES:
COLOR-CODED RANGE in PPM
FOR SAMPLE TYPES

- <0.1
- ≥0.1<0.5
- ≥0.5<1.0
- ≥1.0<3.0
- ≥ 3.0

SYMBOLS

- FAULT
- BEDDING WITH AND WITHOUT DIP
- SHEAR FABRIC
- SCARP FACE
- OLD BLAST TRENCH
- OLD BLAST PIT
- TREE LINE

MANTIS EXPLORATIONS INC.

CREE LAKE PROPERTY

BUFFALO-CANADIAN OCCURRENCE
SWAYZE TOWNSHIP, ONTARIO

TRENCH AND SAMPLING MAP

Geology and CAD by: W. Hanych & S. Ewanchuk
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