

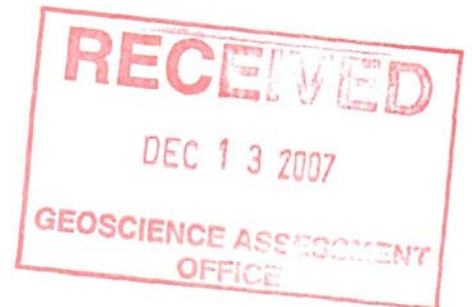
Webb Township Rare Metals Project

Solitaire Minerals Corp.

NTS: 52 F/NE

Lat: 49°54'83" Long: 92°32'57"

2.36666



**Prepared by
Clark Expl. Consulting Inc.
November -- , 2007**

Table of Contents

| | |
|---|---|
| Location | 1 |
| Access | 1 |
| Claims | 1 |
| Previous Work..... | 1 |
| Geological Reports and Mapping | 1 |
| Exploration..... | 1 |
| 1997..... | 4 |
| VLF Survey..... | 4 |
| Magnetometer Survey | 4 |
| Mechanical Trenching and Stripping..... | 4 |
| 1998..... | 5 |
| Pegmatite Dikes | 5 |
| Mechanical Trenching..... | 6 |
| 1999..... | 6 |
| Diamond Drilling | 7 |

Figures

| | |
|--------------------------------------|--------|
| Figure 1: Ontario Location Map..... | 2 |
| Figure 2: Claim Disposition Map..... | 3 |
| Figure 3: 2007 Drill Plan..... | 9 |
| Diamond Drill Hole Sections..... | Pocket |

Appendixes

| | |
|------------------|--------------------|
| Appendix I..... | Drill Logs |
| Appendix II..... | Assay Certificates |

Location

The property is located in the Gullwing Lake area in Webb Township in the Patricia Mining Division, Sioux Lookout District. Claim Map: Webb Township, NTS 52 F/NE, Lat 49°54'83" Long 92°32'57".

Access

The claims in Webb Township can best be accessed via the Ghost Lake Road from the Dryden Airport. From Ghost Lake a logging road traverses the claim group. Driving distance of 35 km from Dryden. This road is not ploughed in the winter and may be washed out during rainy periods in the spring and summer.

Claims

The property is comprised of 6 claims totalling 75 units. The claims are 420534, 4205355, 4205356, 4205357, 4213362 and 4213361.

Previous Work

This is a large area and prospecting dates back to 1902 when Cosmo Coates of Dryden first visited Gullwing Lake. He found molybdenite showings in 1906.

Geological Reports and Mapping

Geological surveys of the area were done by W.A. Parks in 1897 and W.H. Collins in 1907. Between 1928 and 1932, F.J. Pettijohn examined conglomerates east of Gullwing Lake ("*Conglomerates of Abram Lake and Its Extensions*," *Bull. Geol Soc. Amer.*, Vol. 45, No. 3, 1934, pp 475-505). J. Satterly covered part of Gullwing Lake ("*Geology of the Dryden-Wabigoon Area*" *Ont. Dept. Mines, Vol. L, 1941, pt. 5*). W.D. Harding produced a detailed map of the area in 1948 ("*Geology of the Gullwing Lake-Sunstrum Area*" Vol. LIX, pt. 5, 1950). R.O. Page and B.J. Christie mapped the area on a 1:15840 scale in 1980 and reclassified some conglomerates as felsic volcanics. The detail of this work is unexcelled. ("*Lateral Lake Area*", *District of Kenora, Ontario Geological Survey, Preliminary Map P2371, Geology 1979*).

Exploration

Exploration in more recent times included prospecting for molybdenite, uranium, gold, copper, nickel, zinc, lithium, tantalum and cesium by prospectors M. Woitowicz, Victor Alberts, Alex Kozowy and Alex Glatz and others from 1969 to the 1990s.

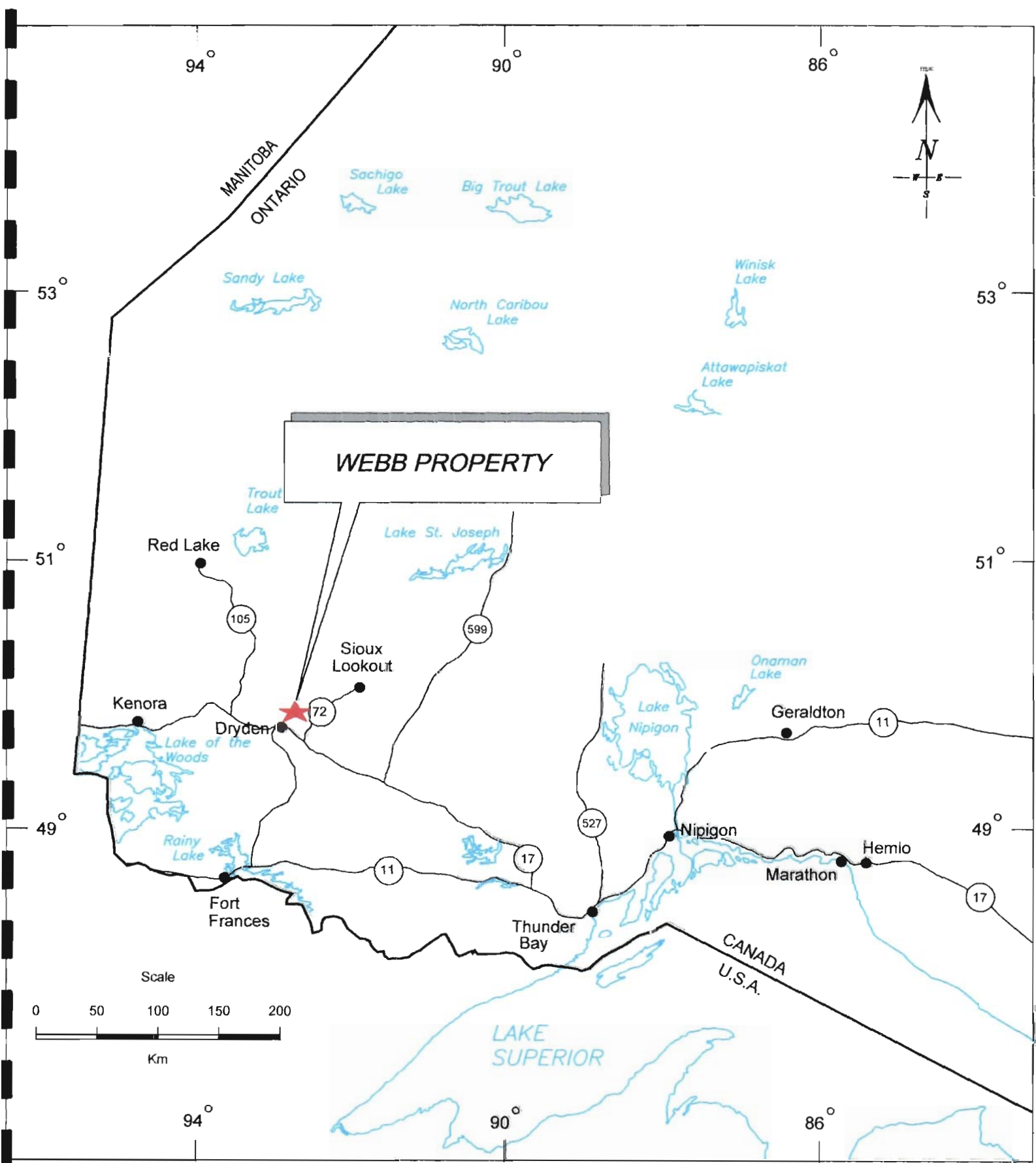
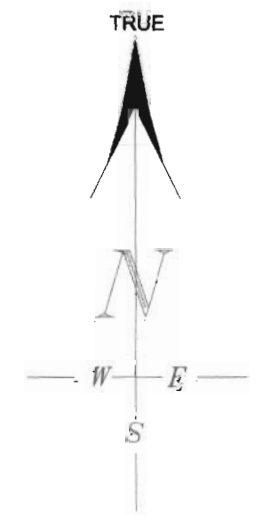
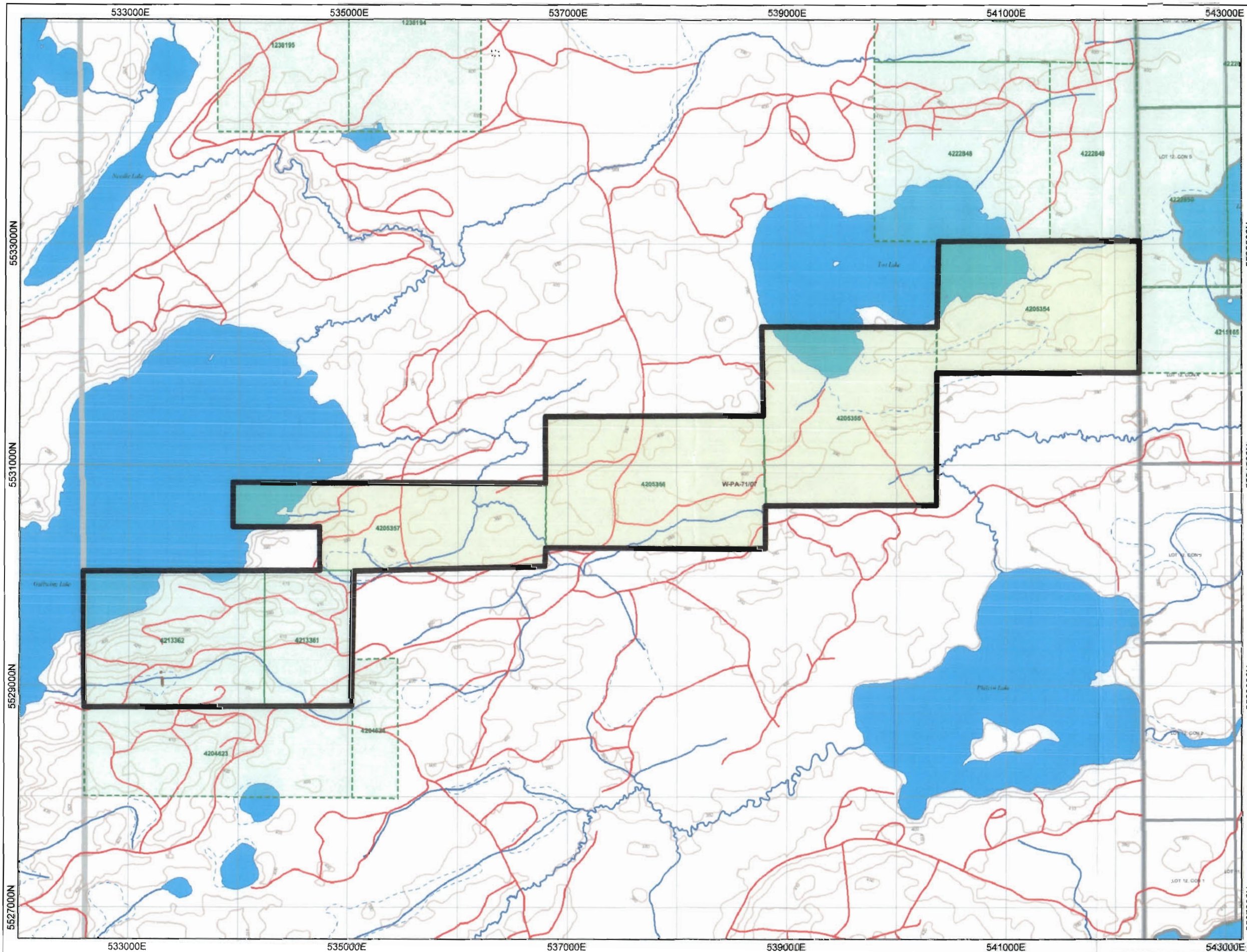


FIGURE 1

Regional-Scale Location Map



EXTERNAL CLAIM BOUNDARY



SOLITAIRE MINERALS CORP.

WEBB PROPERTY
WEBB TWP. - PATRICIA MINING DIVISION

CLAIM DISPOSITION

N.T.S. Map Sheet 02 FINE
 MADE BY ZONE 15
 Dec. 2007
 Figure 2
 CLARK EXPLORATION CONSULTING

Rio Tinto and Denison Mines explored the east part of the Lateral Lake Stock and its contacts for molybdenite and outlined 10 million tons of ore, grading 10% molybdenite (assessment files).

Selco Inc. explored a number of pegmatite dikes south of Gullwing Lake in 1980 for tantalum. At that time the price for the metal decreased substantially and the company ceased work without drilling any of the dikes (*information: Tony Pryslak, Geologist*)

1997

Mike Voitowicz and Alex Glatz did considerable work on this ground under the OPAP program.

The work done consisted of regional reconnaissance prospecting in and outside the claim group. Mag and EM was done over the grid. A beep mat was used extensively on and off the grid. Backhoe trenching and stripping was done over an EM conductor.

VLF Survey

The VLF survey was done by Alex Glatz using a RONKA EM 16 instrument. The signal source used was NSS at 21.4 kHz. All readings were taken facing north.

Magnetometer Survey

A total magnetic survey was carried out by Alex Glatz, using a SCINTREX MP-2 PRECESSION Magnetometer.

Mechanical Trenching and Stripping

Three locations were trenched, one was stripped.

Trench #1 is located Lat: 49°54.65' Long: 92°31.97'. It is 38m long, from 2 to 5m deep, 1.5m wide and strikes 335° azimuth. It was put down on the apex of an EM conductor (conductor 'A'), where conductivity was also indicated by beep map readings.

Bedrock was reached for about half the length and sampled where mineralized. The nature of the rock did not indicate the source of the anomaly. The beep mat readings were probably caused by a conductive layer of brown soil about 1.5m down from surface as the readings decreased and depth.

Trench #2 was put down to expose bedrock in an area where elevated gold values had been found on sampling before. It is located on grid line 700E and 325N about 180m NE of Trench #1. It strikes across the east trending formation. The excavation is 27m long, 2-4m deep and 1.5m wide. Irregular humps of

bedrock were exposed some of which was mineralized with pyrite, these sections were sampled.

Trench #3 lies 30m east and north of Trench #2 and strikes in a northerly direction. It is 19m long, 2-5m deep and 1.5m wide. It was put down to expose mineralized bedrock for sampling. Some mineralized rock was exposed and sampled.

Stripping was carried out about 50m east of Trench #3 to remove shallow overburden a slightly mineralized outcrop. The work covers an area of 45m by 25m. All mineralization exposed was sampled and assayed for gold.

The above work was recorded for assessment work by Mike Woitowicz and Alex Glatz in August of 1998.

1998

While the work done in 1997 did not reveal any mineable resources, it did bring to our attention a large pegmatite dike south of Gullwing Lake. Work by Dr. Fred Breaks indicated potential for rare metals within this area. It was decided to focus on this large feldspar bearing dike while still following up on previously obtained indications for base metals and gold.

Lithium, tantalite, niobium, and pollucite have been found on this claim which has been optioned to Champion Bear Resources by A. Glatz and A. Kozowy in March of 1998.

The large pegmatite south of Gullwing Lake has zones of elevated tantalum values which were explored by Selco Inc. in 1980, but no drilling was done due to falling prices for tantalum. Since then spodumene crystals up to 100 cm long have been identified by Dr. Fred Breaks.

The rare metal pegmatites in this area strike close to N-S, whereas the pegmatites carrying molybdenum strike E-W, conforming to the strike of the wallrock.

All samples from the pegmatite carry rubidium, the average grade being 1243ppm Rb. Rubidium generally occurs with pollucite or lepidolite or potassium feldspar. In this case the rubidium is contained in the feldspar. The ideal scenario would be to find a market for the feldspar and the rubidium.

Pegmatite Dikes

The 'Sleeping Giant' is the largest of all the dikes in this belt. It is 425m long and from 30 to 60m wide.

Swarms of the small dikes occur along an east striking mafic volcanic belt to the east of the main dike. Three of the larger secondary dikes were sampled and all

carry significant amounts of rubidium, with one assaying 3090ppm Rb and 240ppm Cs from pink feldspar.

The two highest assays were .31% Rb and .33% Rb. These samples consisted of coarse, pink feldspar.

The largest and potentially economic dike is more than 400m long and up to 60m wide. It consists of three knobs of bedrock which stick out over the surrounding landscape. The elevation in relation to the south and north terminus of the dike exceeds 30m.

Manual trenching and stripping was done to locate the extremities of this dike. In places, the coarse minerals are in sharp contact with the enclosing hornblendite country rock. In other sections the outside edge grades into aplite before it contacts the mafic volcanic rock. In one place the west contact grades into a granite and forms a protrusion in the surrounding volcanics.

About 70% of the rock surface is exposed and has a knobby texture and appearance. While big blobs of quartz can be seen in a number of places, the more prominent and persistent mineral is very coarse feldspar, ranging in colour from pink to pure white. Muscovite and biotite occur as one to two centimetre thick sheets in and around the feldspar. Biotite, which often shows iron staining, is nearly as abundant as muscovite which often has a yellowish-green appearance.

Mechanical Trenching

This target was located in 1992-92 when Glatz and Woitowicz held the ground and did a VLF and Mag survey under OPAP funding. After collecting background information and studying the geophysical results in detail. It was decided to trench the spot where the VLF conductor coincided with a Mag anomaly. It was also known that zinc occurred in the vicinity of this conductor which had never been drilled.

A large backhoe with a reach of seven metres was engaged to trench this target. Bedrock was reached at 3m and followed down to the limit the machine. The rock encountered had bands of gossan caused by pyrrhotite, which on assay gave traces of copper and zinc.

While no economic mineralization was encountered, the trenching was successful in finding the source of the anomaly.

1999

Two holes were drilled and sixty-four core samples were assayed. In addition, thirty-nine surface rock samples from near by pegmatite dikes and wallrock were analysed.

Diamond Drilling

The drilling was done in August of 1999 using a Longyear 38 Wireline drill owned by Wally Magnussen of Kakabeka Falls. Drill operator was Elmer Babin. The core was NQ in size. Two holes were drilled for a total of 337 feet.

Hole #1 started in pegmatite and was in the dike for 119 feet where it encountered mafic volcanic rock (amphibolite and hornblendite). All pegmatite core of 119 feet was split and assayed. The hole was stopped at 155 feet.

Hole #2 started in 10 feet of overburden, encountered amphibolite and hornblendite from 10 feet to 47 feet and stayed in pegmatite from 47 feet to 182 feet, where it terminated in rubidium-rich feldspar. All core containing pegmatite material was split and assayed.

All samples (except one) were sent Chemex Labs Ltd. in Thunder Bay, Ontario. On consultation, Chemex had recommended an "Extended Whole Rock Add-on Package (ICP-MS)" known as A390. All samples of granite-pegmatite composition were subjected to this procedure.

Rubidium is the dominant element in all pegmatite assays.
Hole #1 averages 1353 ppm Rb over 199 feet of core.
Hole #2 averages 1243 ppb Rb over 135 feet of core.

Geology

The area of the claims is associated to the mafic volcanic sequence of rocks that surround the Lateral Lake Stock. The mafic volcanics are comprised of massive flows (locally pillowed) to minor tuffs. These rocks are of the lower amphibolite grade metamorphism grade exhibiting biotite over prints that parallel the regional foliation. The Lateral Lake Stock is a foliated biotite granodiorite to quartz monzonite body.

The mafic volcanic rocks are intruded by differentiated pegmatite dikes that locally host spodumene and rare earth bearing minerals. These dikes are seen to trend perpendicular to the east-west foliation.

2007 Diamond Drilling

The 2007 diamond drill program comprised 7 holes totalling 717 metres. The program was designed to test the area of the 1999 diamond-drill holes that intersected elevated cesium and rubidium values.

The diamond drilling was completed by Levert Drilling of Sudbury utilizing BQTW size drill core and completed from June 16 to July 15, 2007.

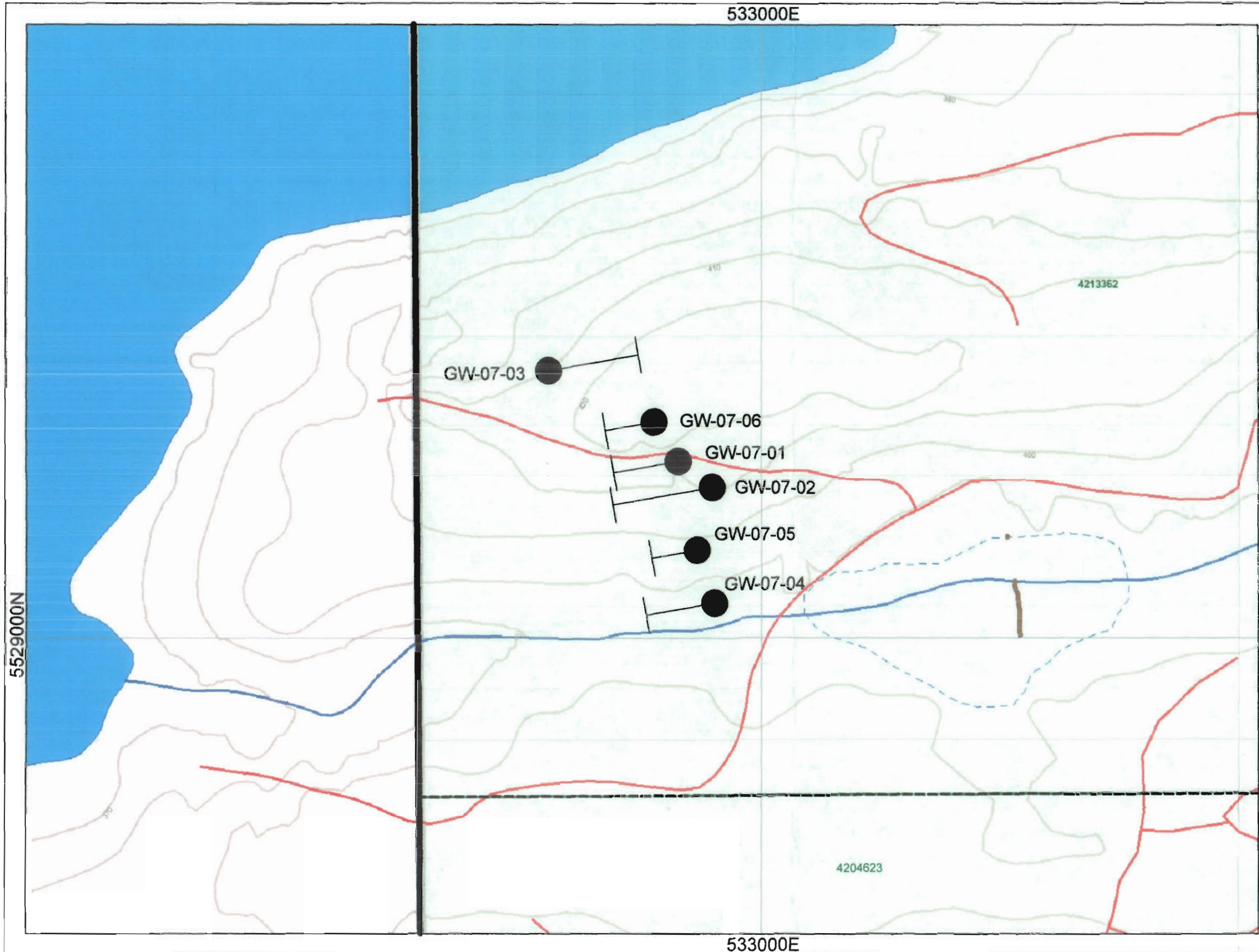
All core was shipped to a core logging facility in Thunder Bay, Ontario. Logging and sampling was completed focusing on the pegmatites.




All samples were analysed by Accurrassay Laboratories of Thunder Bay and check samples were sent to ALS Chemex Labs in Thunder Bay. Drill logs and assay certificates are attached in the appendix. Drill sections and a plan are in the map pocket.

Discussion, Conclusions and Recommendations

The diamond drilling successfully intersected in all seven holes. The holes extended the strike length and depth of the pegmatites. The analysis of the core did not indicate the same grades as the shallower 1999 holes.

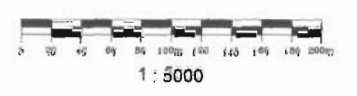
The future work should include a resampling of the surface expression of the pegmatite accompanied by detailed mapping to determine if the high previous cesium and rubidium analysis is from a rich pod within the dike.



- GW-07-01**

DIAMOND DRILL HOLE
- 
EXTERNAL CLAIM LINE
- 
INTERNAL CLAIM LINE

DIAMOND DRILL LOCATIONS

| | |
|---------------|--------------------|
| HOLE GW-07-01 | 532900E - 5529211N |
| HOLE GW-07-02 | 532941E - 5529180N |
| HOLE GW-07-03 | 532744E - 5529319N |
| HOLE GW-07-04 | 532944E - 5529042N |
| HOLE GW-07-05 | 532923E - 5529105N |
| HOLE GW-07-06 | 532871E - 5529258N |



SOLITAIRE MINERALS CORP.

WEBB PROPERTY

WEBB TWP. - PATRICIA MINING DIVISION

DRILL PLAN

| | |
|----------------|---------------------------|
| NAD 83 ZONE 15 | Adapted from CLAIMaps III |
| Nov. 2007 | G-2888 Figure 3 |

CLARK EXPLORATION CONSULTING

**Appendix I
Drill Logs**

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPL. CONSULTING INC.

| PROPERTY: Webb | | LOCATION: | | CLAIM NUMBER: 4213362 | | DOWNHOLE SURVEY: | | | | DRILLING COMPANY: | | | |
|--|-------|------------------------------|---|-----------------------|-------|-----------------------|--------|-----------------------------|--------|----------------------------|--|--|--|
| HOLE NO.: GW-07-01 | | LENGTH: 111.00 m | | CORE SIZE:NQ | | DEPTH | | DIP | | Leverit Drilling | | | |
| PROJECT NUMBER: | | NORTHING: | | EASTING: | | | | | | DATE LOGGED: July 18, 2007 | | | |
| ELEVATION: | | UTM northing: 5529211 | | UTM easting: 532900 | | | | | | LOGGED: | | | |
| COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED:260 / -45 | | SURVEYED: | | | | | | Clark Expl. Consulting Inc. | | | | | |
| EXPLORATION CO., OWNER OR OPTIONEE: Solitaire Minerals Corp. | | | | | | SIGNATURE: G.J. Clark | | | | | | | |
| HOLE STARTED: June 22, 2007 | | HOLE FINISHED: June 22, 2007 | | DECLINATION: | | | | | | SHEET 1 OF 2 | | | |
| FOOTAGE | | ROCK TYPE | DESCRIPTION | SAMPLES | | | | ASSAYS | | | | | |
| FROM | TO | | | No. | FROM | TO | LENGTH | Ce ppm | Rb ppm | | | | |
| 0.00 | 1.50 | OVb | Overburden | | | | | | | | | | |
| 1.50 | 15.80 | Mafic Gneiss | Mafic tuffs and minor sediments, dark grey to black fine-grained matrix, 45° foliation bands of disseminated magnetite, locally feldspar clots and overgrowths | | | | | | | | | | |
| 15.80 | 42.50 | Mafic Flow | Dark grey-green to black, weak 45° foliation | | | | | | | | | | |
| | | | 37.00 - 39.10: Fine-grained felsic porphyry, mafic mineral laths up to 0.5 cm x 2 mm irregular clotty regrowth feldspar up to 0.4 mm anhedral | | | | | | | | | | |
| 42.50 | 47.50 | Feldspar Pegmatite | Feldspar pegmatite massive fine-grained matrix, pinkish to off white, minor reddish tinges, 30° upper contact sharp, 1 m of coarse feldspar and quartz at contact, minor fine clots of biotite and muscovite, round anhedral reddish mineral aggregates up to 2 mm - garnets, last 0.4 m coarse feldspar and quartz contact 45° sharp | 135751 | 42.50 | 44.00 | 1.50 | 41 | 60 | | | | |
| | | | | 135752 | 44.00 | 45.50 | 1.50 | 30 | 72 | | | | |
| | | | | 135753 | 45.40 | 46.50 | 1.10 | 34 | 59 | | | | |
| | | | | 135754 | 46.50 | 47.50 | 1.00 | 24 | 51 | | | | |
| 47.50 | 51.60 | Mafic Flow | Green-grey to black 45° foliation, trace pyrite on late fractures, biotite upper greenschist | | | | | | | | | | |
| 51.60 | 53.20 | Feldspar Pegmatite | Feldspar pegmatite zones, pinkish to off white banded coarse- and fine-grained, coarse at contacts; contacts 35-40° sharp 90° to mafic foliation | 135755 | 51.60 | 52.60 | 1.00 | 26 | 60 | | | | |
| | | | | 135756 | 52.60 | 53.20 | 0.60 | 46 | 73 | | | | |
| 53.20 | 57.55 | Mafic Flow | Green-grey to green-black 45° foliation massive biotite rich, upper greenschist to lower amphibolites | 135757 | 57.50 | 59.00 | 1.50 | 34 | 65 | | | | |
| | | | | 135758 | 59.00 | 60.00 | 1.00 | 22 | 64 | | | | |
| | | | | 135759 | 60.00 | 61.50 | 1.50 | 21 | 63 | | | | |
| 57.55 | 91.15 | Main Pegmatite | Medium- to coarse-grained feldspar quartz mica (biotite-muscovite) massive, locally feldspar, white to grey, rare spodumene | 135760 | 61.50 | 63.00 | 1.50 | 42 | 74 | | | | |
| | | | 57.55 - 66.20: Medium- to coarse-grained 15%, 1 - 5 cm x 0.5 cm laths or books of muscovite / biotite | 135761 | 63.00 | 64.50 | 1.50 | 38 | 61 | | | | |
| | | | | 135762 | 64.50 | 66.00 | 1.50 | 42 | 58 | | | | |
| | | | | 135763 | 66.00 | 67.50 | 1.50 | 22 | 69 | | | | |
| | | | 66.20 - 70.30: <5% books of muscovite / biotite silvery to clear | 135764 | 67.50 | 69.00 | 1.50 | 70 | 54 | | | | |
| | | | 70.30 - 71.90: 30% muscovite books up to 4 cm clots | 135765 | 69.00 | 70.30 | 1.30 | 45 | 56 | | | | |
| | | | 71.90 - 72.90: >90% white quartz feldspar | 135766 | 70.30 | 71.00 | 0.70 | 77 | 76 | | | | |
| | | | 72.90 - 74.10: 40% muscovite books | 135767 | 71.00 | 71.90 | 0.90 | 82 | 58 | | | | |

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPL. CONSULTING INC.

| PROPERTY: Webb | | LOCATION: | | CLAIM NUMBER: 4213362 | | DOWNHOLE SURVEY: | | | | DRILLING COMPANY: | | | | | |
|--|--------|-----------------------------|--|-----------------------|--------|------------------|--------|--------|--------|-------------------|--|-----|--|-----------------------------|--|
| HOLE NO.: GW-07-02 | | LENGTH: 171.00 m | | CORE SIZE:NQ | | DEPTH | | DIP | | DEPTH | | DIP | | Lever Drilling | |
| PROJECT NUMBER: | | NORTHING: | | EASTING: | | | | | | | | | | DATE LOGGED: July 19, 2007 | |
| ELEVATION: | | UTM northing: 5529180 | | UTM easting: 532941 | | | | | | | | | | LOGGED: | |
| COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: 260/-45 | | SURVEYED: | | | | | | | | | | | | Clark Expl. Consulting Inc. | |
| EXPLORATION CO., OWNER OR OPTIONEE: Solitaire Minerals Corp. | | | | | | | | | | | | | | SIGNATURE: G.J. Clark | |
| HOLE STARTED: June 27, 2007 | | HOLE FINISHED: July 3, 2007 | | DECLINATION: | | | | | | | | | | SHEET 1 OF 2 | |
| FOOTAGE | | ROCK TYPE | DESCRIPTION | SAMPLES | | | | ASSAYS | | | | | | | |
| FROM | TO | | | No. | FROM | TO | LENGTH | Ce ppm | Rb ppm | | | | | | |
| 0.00 | 1.50 | OVB | Overburden | | | | | | | | | | | | |
| 1.50 | 6.00 | Mafic | Black, 45° foliation, massive minor feldspars | | | | | | | | | | | | |
| 6.00 | 26.10 | Tuff Sediment | Grey to light grey, banded, 45° to core axis, foliation locally, magnetite bands, more mafic downhole | | | | | | | | | | | | |
| 26.10 | 70.80 | Mafic Flow to Pillowed Flow | Black to dark grey, massive 45° foliation, biotitic, locally feldspar phenocrysts, minor selvages 67.50 - 67.90: Fine-grained reddish feldspar pegmatite | | | | | | | | | | | | |
| 70.80 | 73.50 | Mafic Dike | Salt & pepper, massive, 45° foliation of 0.3-0.4 mm mafic laths, in grey matrix, sharp 45° contacts | | | | | | | | | | | | |
| 73.50 | 84.40 | Mafic Flow | Black to dark green, massive 45° foliation biotitic, minor <0.2 mm feldspars, sharp lower contact 30° - 90° to foliation | 135788 | 84.40 | 85.90 | 1.50 | 87 | 68 | | | | | | |
| | | | | 135789 | 85.90 | 87.20 | 1.30 | 36 | 38 | | | | | | |
| 84.40 | 87.20 | Pegmatite | Grey white, medium- to coarse-grained feldspars and quartz, massive, 5% muscovite books 5 cm x 0.4 mm long laths, minor reddish downhole, lower contact sharp 45° - 90° | | | | | | | | | | | | |
| 87.20 | 102.40 | Mafic | Dark green, black, strong 45° foliation biotitic, massive, minor 1-2 mm feldspars locally | | | | | | | | | | | | |
| 102.40 | 118.65 | Pegmatite | White to grey, medium- to coarse-grained massive, feldspars up to 3 cm, subhedral, quartz laths to crystals up to 5 cm muscovite books up to 8 cm x 3 mm locally up to 20% | 135790 | 102.40 | 104.00 | 1.60 | 47 | 58 | | | | | | |
| | | | 102.40 - 105.10: Coarse-grained, feldspar and quartz, 20% muscovite books | 135791 | 104.00 | 105.10 | 1.10 | 46 | 48 | | | | | | |
| | | | 105.10 - 106.90: Coarse-grained, feldspars and quartz <5% muscovite | 135792 | 105.10 | 106.90 | 1.80 | 46 | 46 | | | | | | |
| | | | 106.90 - 109.90: Coarse-grained, feldspar and quartz 20% muscovite | 135793 | 106.90 | 107.40 | 0.50 | 57 | 67 | | | | | | |
| | | | 109.90 - 113.50: Coarse-grained feldspar and quartz locally, 10-20 cm sections (4) of muscovite, possibly 2-3 3 cm spodumene crystals | 135794 | 107.40 | 108.90 | 1.50 | 50 | 50 | | | | | | |
| | | | 113.50 - 113.90: Salt & pepper, feldspar and biotite dike | 135795 | 108.90 | 109.90 | 1.00 | 38 | 44 | | | | | | |
| | | | | 135796 | 109.90 | 111.40 | 1.50 | 43 | 56 | | | | | | |
| | | | | 135797 | 111.40 | 112.40 | 1.00 | 49 | 65 | | | | | | |

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPL. CONSULTING INC.

| | | | | | |
|--|-----------------------------|-----------------------|------------------|-----|--------------------------------|
| PROPERTY: Webb | LOCATION: | CLAIM NUMBER: 4213362 | DOWNHOLE SURVEY: | | DRILLING COMPANY: |
| HOLE NO.: GW-07-03 | LENGTH: 155.00 m | CORE SIZE:NQ | DEPTH | DIP | Leverit Drilling |
| PROJECT NUMBER: | NORTHING: | | | | DATE LOGGED: September 6, 2007 |
| ELEVATION: | UTM northing:5529319 | UTM easting: 532744 | | | LOGGED: |
| COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED:80 / -45 | | | SURVEYED: | | Clark Expl. Consulting Inc. |
| EXPLORATION CO., OWNER OR OPTIONEE: Solitaire Minerals Corp. | | | | | SIGNATURE: G.J. Clark |
| HOLE STARTED: July 3, 2007 | HOLE FINISHED: July 6, 2007 | DECLINATION: | | | SHEET 1 OF 2 |

| FOOTAGE | | ROCK TYPE | DESCRIPTION | SAMPLES | | | | ASSAYS | | | | |
|---------|--------|-------------------|---|---------|--------|--------|--------|--------|--------|--|--|--|
| FROM | TO | | | No. | FROM | TO | LENGTH | Ce ppm | Rb ppm | | | |
| 0.00 | 1.00 | OVB | Overburden | | | | | | | | | |
| 1.00 | 42.00 | Mafic Tuff | Dark green-grey, fine- to medium-grained; strong 45° foliation, biotitic, locally 1-3 mm garnets euhedral to snowflakey. | | | | | | | | | |
| | | | 13.80 - 14.30 and 15.70 - 17.10: Medium-grained feldspar, muscovite pegmatite. | 135807 | 13.80 | 14.30 | 0.50 | 55 | 58 | | | |
| | | | | 135808 | 15.70 | 17.10 | 1.40 | 51 | 57 | | | |
| 42.00 | 79.15 | Mafic Flow | Dark grey-green, medium-grained, weak foliation 45° to core axis, biotitic. | | | | | | | | | |
| | | | 42.00 - 52.00: Medium-grained, biotitic. | | | | | | | | | |
| | | | 72.60 - 73.50: 5% 3-8 mm garnets grey to white. | | | | | | | | | |
| 79.15 | 83.90 | Pegmatite | Grey to reddish, medium- to coarse-grained feldspar up to 2-3 cm, dirty inclusions of quartz <4 mm, 1-2% fine muscovite. | 135809 | 79.15 | 80.20 | 1.05 | 37 | 48 | | | |
| | | | 81.50 - 82.00: Biotite mafic volcanic. | 135810 | 80.20 | 81.50 | 1.30 | 12 | 6 | | | |
| | | | | 135811 | 81.50 | 82.50 | 1.00 | 9 | 9 | | | |
| | | | | 135812 | 82.50 | 83.90 | 1.40 | 9 | 7 | | | |
| 83.90 | 100.70 | Mafic Flow | Dark grey-green, fine- to medium-grained, weak 45° foliation, biotitic minor quartz veinlets. | | | | | | | | | |
| 100.70 | 112.40 | Pegmatite | Grey, white, medium- to coarse-grained, massive, 2-3 cm feldspars anhedral rounded 1-2 cm quartz crystal anhedral 3-5% muscovite blades and books locally 1-2 cm. | 135813 | 100.70 | 102.00 | 1.30 | 12 | 16 | | | |
| | | | | 135814 | 102.00 | 103.50 | 1.50 | 8 | 18 | | | |
| | | | | 135815 | 103.50 | 105.00 | 1.50 | 8 | 12 | | | |
| | | | | 135816 | 105.00 | 106.50 | 1.50 | 11 | 18 | | | |
| 112.40 | 121.50 | Mafic Flow | Grey-green, medium-grained massive weak foliation 45° to core axis. | 135817 | 106.50 | 108.00 | 1.50 | 10 | 9 | | | |
| | | | 120.90 - 121.20: Dirty grey, 45° to core axis contacts pegmatite. | 135818 | 108.00 | 109.50 | 1.50 | 7 | 17 | | | |
| | | | | 135819 | 109.50 | 111.00 | 1.50 | 7 | 16 | | | |
| 121.50 | 125.80 | Pegmatite | Grey-white, medium-grained, massive diffuse 45° contact upper; lower sharp 45°; 5% muscovite books and blades <2 cm and 0.5 cm; lower quartz contact. | 135820 | 111.00 | 112.40 | 1.40 | 4 | 12 | | | |
| | | | | 135821 | 121.50 | 123.00 | 1.50 | 10 | 9 | | | |
| | | | | 135822 | 123.00 | 124.50 | 1.50 | 18 | 14 | | | |
| 125.80 | 134.70 | Mafic Flow / Tuff | Grey-green, fine- to medium-grained, 45° moderate foliation biotitic minor pegmatites <30 cm. | 135823 | 124.50 | 125.80 | 1.30 | 7 | 9 | | | |
| 134.70 | 135.20 | Pegmatite | Grey to white, massive, medium-grained 3-5% muscovite; upper contact 30° to core | 135824 | 134.70 | 135.20 | 0.50 | 5 | 14 | | | |

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPL. CONSULTING INC.

| | | | | | |
|--|------------------------------|-----------------------|------------------|-----|-----------------------------|
| PROPERTY: Webb | LOCATION: | CLAIM NUMBER: 4213362 | DOWNHOLE SURVEY: | | DRILLING COMPANY: |
| HOLE NO.: GW-07-05 | LENGTH: 78.00 m | CORE SIZE: NQ | DEPTH | DIP | Leverit Drilling |
| PROJECT NUMBER: | NORTHING: | EASTING: | | | DATE LOGGED: July 31, 2007 |
| ELEVATION: | UTM northing: 5529105 | UTM easting: 532923 | | | LOGGED: |
| COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: 260 / -45 | | SURVEYED: | | | Clark Expl. Consulting Inc. |
| EXPLORATION CO., OWNER OR OPTIONEE: Solitaire Minerals Corp. | | | | | SIGNATURE: G.J. Clark |
| HOLE STARTED: July 11, 2007 | HOLE FINISHED: July 12, 2007 | DECLINATION: | | | SHEET 1 OF 1 |

| FOOTAGE | | ROCK TYPE | DESCRIPTION | SAMPLES | | | | ASSAYS | |
|---------|-------|----------------|--|---------|-------|-------|--------|--------|--------|
| FROM | TO | | | No. | FROM | TO | LENGTH | Ce ppm | Rb ppm |
| 0.00 | 3.00 | OVB | Overburden | | | | | | |
| 3.00 | 39.20 | Biotite Schist | Grey green, fine-grained 40°-35° foliation biotitic, salt and pepper, massive locally minor garnets 16.00 - 20.20: 3% garnets, less foliated, garnets subhedral up to 5 mm 28.00 - 28.90: Massive fine-grained mafic dike, foliation 30° downhole | | | | | | |
| 38.2 | 67.45 | Pegmatite | White to grey white, coarse-grained, massive, feldspar locally up to 5 cm subhedral, quartz grey interstitial grey muscovite books locally 4-5 cm by 1 cm 39.20 - 41.60: Minor reddish orange, 80% feldspar, medium-grained, <3% muscovite, 45° contact 41.60 - 51.40: 65% coarse feldspar, 30% intestial quartz, 5% coarse muscovite 51.40 - 56.90: 90% fine feldspar vein, <2% muscovite 51.40 - 52.90: Ground core 56.90 - 61.50: 10% muscovite, 40% grey quartz, 30% white feldspar 56.90 - 57.60: Ground core 61.50 - 64.70: <3% muscovite, 80% feldspar 64.70 - 67.45: Medium-grained, quartz crystal up to 5 mm in feldspar matrix (50%) <10% muscovite, similar to other holes at lower contact 45° sharp | 135843 | 39.20 | 41.60 | 2.40 | 1 | 30 |
| | | | | 135844 | 41.60 | 43.00 | 1.40 | 12 | 618 |
| | | | | 135845 | 43.00 | 44.50 | 1.50 | <1 | 116 |
| | | | | 135846 | 44.50 | 46.00 | 1.50 | 3 | 306 |
| | | | | 135847 | 46.00 | 47.50 | 1.50 | <1 | 16 |
| | | | | 135848 | 47.50 | 49.00 | 1.50 | <1 | 16 |
| | | | | 135849 | 49.00 | 50.50 | 1.50 | <1 | 56 |
| | | | | 135850 | 50.50 | 51.40 | 0.90 | <1 | 128 |
| | | | | 135851 | 51.40 | 52.90 | 1.50 | <1 | 215 |
| | | | | 135852 | 52.90 | 54.40 | 1.50 | <1 | 183 |
| 67.45 | 78.00 | Biotite Schist | Dark grey green, fine-grained, massive strong 40°-35° foliation, minor pyrite on fracture | 135853 | 54.40 | 56.90 | 2.50 | <1 | 95 |
| | | | | 135854 | 56.90 | 58.40 | 1.50 | <1 | 691 |
| 78.00 | | EOH | End of Hole | 135855 | 58.40 | 60.00 | 1.60 | <1 | 220 |
| | | | | 135856 | 60.00 | 61.50 | 1.50 | <1 | 474 |
| | | | | 135857 | 61.50 | 63.00 | 1.50 | <1 | 151 |
| | | | | 135858 | 63.00 | 64.70 | 1.70 | 3 | 222 |
| | | | | 135859 | 64.70 | 66.20 | 1.50 | 18 | 210 |
| | | | | 135860 | 66.20 | 67.45 | 1.25 | 34 | 65 |

DIAMOND DRILL CORE LOGGING SHEETS

CLARK EXPL. CONSULTING INC.

| | | | | | | | | | | | |
|--|----------------------|------------------------------|------------------|--------------|-------|-----|----------------------------|-----------------------------|--|--------------|--|
| PROPERTY: Webb | LOCATION: | CLAIM NUMBER: 4213362 | DOWNHOLE SURVEY: | | | | DRILLING COMPANY: | | | | |
| HOLE NO.: GW-07-06 | LENGTH: 84.00 m | CORE SIZE:NQ | DEPTH | DIP | DEPTH | DIP | Leverit Drilling | | | | |
| PROJECT NUMBER: | NORTHING: | EASTING: | | | | | DATE LOGGED: July 31, 2007 | | | | |
| ELEVATION: | UTM northing:5529258 | UTM easting: 532871 | | | | | LOGGED: | | | | |
| COLLAR ORIENTATION (AZIMUTH / DIP); PLANNED: | | SURVEYED: | | | | | | Clark Expl. Consulting Inc. | | | |
| EXPLORATION CO., OWNER OR OPTIONEE: Solitaire Minerals Corp. | | | | | | | | SIGNATURE: G.J. Clark | | | |
| HOLE STARTED: July 12, 2007 | | HOLE FINISHED: July 14, 2004 | | DECLINATION: | | | | | | SHEET 1 OF 2 | |

| FOOTAGE | | ROCK TYPE | DESCRIPTION | SAMPLES | | | | ASSAYS | | | | |
|---------|-------|------------|--|---------|-------|-------|--------|--------|--------|--|--|--|
| FROM | TO | | | No. | FROM | TO | LENGTH | Ce ppm | Rb ppm | | | |
| 0.00 | 1.80 | OVB | Overburden | | | | | | | | | |
| 1.80 | 4.40 | Pegmatite | Grey to white, medium-grained, massive <2% muscovite, grey quartz interstitial to white feldspar | 135861 | 1.80 | 3.30 | 1.50 | 19 | 14 | | | |
| | | | | 135862 | 3.30 | 4.40 | 1.10 | 26 | 36 | | | |
| 4.40 | 7.10 | Mafic Flow | Grey green, massive, 30° foliation | | | | | | | | | |
| 7.10 | 20.20 | Pegmatite | Grey, fine- to medium-grained bands, massive feldspar > quartz, locally 1-2% muscovite | 135863 | 7.10 | 9.10 | 2.00 | 7 | 24 | | | |
| | | | 10.70 - 11.40: Mafic schist | 135864 | 9.10 | 10.70 | 1.60 | 2 | 41 | | | |
| | | | | 135865 | 11.40 | 13.40 | 2.00 | <1 | 75 | | | |
| 20.20 | 36.50 | | Grey green, massive to locally strongly foliated, 30° to core axis, minor garnet locally | 135866 | 13.40 | 15.40 | 2.00 | 2 | 45 | | | |
| | | | 34.30 - 34.60: Medium- to fine-grained pegmatite | 135867 | 15.40 | 17.40 | 2.00 | <1 | 39 | | | |
| | | | | 135868 | 17.40 | 19.20 | 1.80 | 28 | 44 | | | |
| 36.50 | 41.40 | Pegmatite | Grey to off white, fine- to medium-grained <1% muscovite, upper contact sharp 45° | 135869 | 19.20 | 20.20 | 1.00 | <1 | 42 | | | |
| | | | parallel foliation, lower 30° sharp 90° to foliation | 135870 | 36.50 | 38.50 | 2.00 | 10 | 33 | | | |
| | | | | 135871 | 38.50 | 40.00 | 1.50 | 18 | 36 | | | |
| 41.40 | 51.75 | Mafic Flow | Dark grey green, massive, 35°-40° foliation, biotitic | 135872 | 40.00 | 41.40 | 1.40 | 13 | 36 | | | |
| | | | 46.30: 5 cm 30° to core axis, pegmatite, medium-grained | | | | | | | | | |
| 51.75 | 80.70 | Pegmatite | White to off white, massive, medium- to coarse-grained, locally 80% feldspar, locally | 135873 | 51.75 | 53.00 | 1.25 | 5 | 70 | | | |
| | | | 30% muscovite | 135874 | 53.00 | 54.50 | 1.50 | 7 | 112 | | | |
| | | | 51.75 - 57.60: Coarse-grained feldspar and quartz books of muscovite up to 3 cm and | 135875 | 54.50 | 56.00 | 1.50 | <1 | 168 | | | |
| | | | 2 cm, <5%, upper contact sharp 80° | 135876 | 56.00 | 57.60 | 1.60 | <1 | 202 | | | |
| | | | 59.60 - 60.60: 80% feldspar <1% muscovite | 135877 | 57.60 | 59.10 | 1.50 | <1 | 46 | | | |
| | | | 60.60 - 63.75: Coarse-grained, 30° muscovite books up to 2 cm x 1 cm | 135878 | 59.10 | 60.60 | 1.50 | <1 | 151 | | | |
| | | | 63.75 - 67.40: Fine-grained feldspar 80% locally, coarse-grained with muscovite | 135879 | 60.60 | 62.10 | 1.50 | <1 | 162 | | | |
| | | | <15 cm sections | 135880 | 62.10 | 63.75 | 1.65 | <1 | 648 | | | |
| | | | 67.40 - 72.75: Up to 30%, coarse-grained muscovite locally 2 x 2 cm books | 135881 | 63.75 | 65.80 | 2.05 | <1 | 162 | | | |
| | | | 72.75 - 74.10: Fine-grained, minor biotite | 135882 | 65.80 | 67.40 | 1.60 | <1 | 363 | | | |
| | | | 74.10 - 77.50: Coarse-grained, 80% white feldspar minor blebs up to 2 cm of quartz | 135883 | 67.40 | 68.90 | 1.50 | <1 | 246 | | | |
| | | | 77.50 - 80.70: Fine- to medium-grained contact phase, <10% muscovite quartz crystals | 135884 | 68.90 | 70.40 | 1.50 | <1 | 355 | | | |

**Appendix II
Assay Certificates**



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

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Fax: (807) 622-7571

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assay@accurassay.com

Clark Consulting
PM
Job Number: 200742585
Date Received: Jul 30, 2007
Number of Samples: 74
Type of Sample: Core
Date Completed:
Project ID:

* The results included on this report relate only to the items tested
* This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.
*The methods used for these analysis are not accredited under ISO/IEC 17025

| Accur. # | Client Tag | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Se | Si | Sn | Sr | Ti | Tl | V | W | Y | Zn | Hg | S | U | Ce | Ga | Ge | Hf | In | La | Nb | Rb | Sc | Ta | Te | Th | Zr |
|----------|------------|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|------|------|-----|-------|------|-----|------|-----|------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| 192751 | 135751 | <1 | 0.28 | <2 | 35 | 2 | <1 | 11 | 0.09 | <4 | 1 | 200 | 4 | 0.51 | 0.12 | 20 | 0.05 | 203 | 2 | 0.07 | 6 | <100 | 40 | <5 | <5 | 0.10 | <10 | <3 | 124 | <1 | 3 | <10 | 4 | 24 | 1 | 0.11 | 46 | 41 | 30 | 6 | <1 | 2 | 16 | <1 | 60 | 5 | 3 | 9 | <1 | 7 |
| 192752 | 135752 | <1 | 0.23 | <2 | 65 | 1 | <1 | 12 | 0.06 | <4 | <1 | 287 | 1 | 0.54 | 0.11 | 14 | 0.02 | 283 | 454 | 0.08 | 6 | <100 | 51 | <5 | <5 | 0.09 | <10 | 3 | 105 | <1 | <2 | <10 | 10 | 28 | 1 | 0.78 | 62 | 30 | 34 | 12 | <1 | 2 | 5 | 23 | 72 | 20 | 9 | 19 | <1 | 6 |
| 192753 | 135753 | <1 | 0.24 | <2 | 48 | 1 | <1 | 10 | 0.05 | <4 | 1 | 257 | <1 | 0.50 | 0.14 | 18 | 0.02 | 255 | 4 | 0.08 | 7 | <100 | 12 | 5 | <5 | 0.09 | <10 | 5 | 111 | <1 | <2 | <10 | 8 | 23 | 1 | <0.10 | 26 | 34 | 20 | 6 | <1 | 1 | 5 | 11 | 59 | 12 | 4 | 9 | <1 | 3 |
| 192754 | 135754 | <1 | 0.22 | <2 | 42 | 2 | <1 | 26 | 0.05 | <4 | 1 | 288 | 2 | 0.55 | 0.11 | 21 | 0.02 | 382 | 6 | 0.07 | 7 | <100 | 45 | <5 | <5 | 0.08 | <10 | 4 | 122 | <1 | <2 | <10 | 12 | 20 | 1 | <0.10 | 39 | 24 | 25 | 6 | <1 | 3 | 4 | 16 | 51 | 15 | 6 | 11 | <1 | 6 |
| 192755 | 135755 | <1 | 0.34 | 3 | 48 | 2 | <1 | 12 | 0.12 | <4 | 2 | 296 | 14 | 0.67 | 0.14 | 38 | 0.07 | 337 | 11 | 0.08 | 9 | <100 | 33 | <5 | <5 | 0.11 | <10 | 3 | 128 | <1 | 3 | <10 | 9 | 35 | 2 | <0.10 | 39 | 26 | 36 | 7 | <1 | 2 | 6 | 35 | 60 | 31 | 8 | 14 | <1 | 3 |
| 192756 | 135756 | <1 | 0.23 | <2 | 47 | 3 | <1 | 10 | 0.05 | <4 | 1 | 258 | 27 | 0.60 | 0.09 | 30 | 0.03 | 232 | 4 | 0.07 | 5 | <100 | 41 | <5 | <5 | 0.07 | <10 | 3 | 125 | <1 | <2 | <10 | 8 | 41 | 1 | 0.28 | 24 | 46 | 17 | 4 | <1 | 1 | 24 | 4 | 73 | 1 | 2 | 5 | 4 | 43 |
| 192757 | 135757 | <1 | 0.70 | 2 | 52 | 2 | <1 | 10 | 0.09 | <4 | 3 | 311 | 1 | 0.98 | 0.42 | 317 | 0.15 | 316 | 2 | 0.10 | 11 | <100 | 18 | <5 | <5 | 0.11 | <10 | 7 | 240 | <1 | 7 | <10 | 8 | 89 | 1 | 0.17 | 19 | 34 | 15 | 2 | <1 | 2 | 10 | 1 | 65 | 1 | <1 | 4 | 1 | 19 |
| 192758 | 135758 | <1 | 0.68 | 3 | 46 | 3 | <1 | 13 | 0.11 | <4 | 3 | 270 | <1 | 0.91 | 0.42 | 331 | 0.15 | 297 | 2 | 0.09 | 9 | <100 | 10 | <5 | <5 | 0.11 | <10 | 6 | 207 | <1 | 7 | <10 | 7 | 97 | <1 | <0.10 | <10 | 22 | 4 | <1 | 2 | 5 | <1 | 64 | <1 | 2 | 2 | <1 | 7 | |
| 192759 | 135759 | <1 | 1.47 | <2 | 51 | 3 | 2 | 10 | 0.12 | <4 | 5 | 315 | <1 | 1.71 | 0.97 | 838 | 0.35 | 684 | 3 | 0.13 | 15 | <100 | 30 | <5 | <5 | 0.21 | <10 | 12 | 494 | 3 | 19 | <10 | 11 | 206 | 1 | <0.10 | 12 | 21 | 4 | 1 | <1 | 3 | 5 | <1 | 63 | <1 | 1 | 2 | <1 | 8 |
| 192760 | 135760 | <1 | 1.31 | <2 | 50 | 4 | 1 | 13 | 0.13 | <4 | 5 | 323 | <1 | 1.52 | 0.81 | 763 | 0.30 | 634 | 2 | 0.10 | 12 | <100 | 27 | <5 | <5 | 0.19 | <10 | 10 | 395 | 4 | 16 | <10 | 7 | 167 | 2 | 0.42 | 19 | 41 | 10 | 3 | <1 | 4 | 18 | 2 | 86 | 2 | 2 | 3 | 2 | 21 |
| 192761 | 135760 | <1 | 1.47 | 3 | 56 | 4 | 1 | 13 | 0.15 | <4 | 5 | 370 | <1 | 1.75 | 0.94 | 881 | 0.35 | 735 | 3 | 0.11 | 15 | <100 | 32 | <5 | <5 | 0.18 | <10 | 12 | 466 | 6 | 19 | <10 | 8 | 189 | <1 | 0.10 | <10 | 42 | 13 | 4 | <1 | 4 | 6 | 7 | 62 | 6 | 2 | 6 | <1 | 4 |
| 192762 | 135761 | <1 | 1.27 | <2 | 47 | 3 | 1 | 6 | 0.12 | <4 | 4 | 284 | <1 | 1.17 | 0.79 | 737 | 0.21 | 515 | 2 | 0.11 | 12 | <100 | 21 | 5 | <5 | 0.19 | <10 | 11 | 278 | 3 | 12 | <10 | 7 | 146 | 1 | <0.10 | 16 | 38 | 13 | 4 | <1 | 1 | 5 | 7 | 61 | 7 | 3 | 7 | <1 | 7 |
| 192763 | 135762 | <1 | 1.09 | <2 | 56 | 2 | 1 | 16 | 0.13 | <4 | 4 | 374 | <1 | 1.24 | 0.64 | 589 | 0.22 | 465 | 3 | 0.12 | 12 | <100 | 24 | <5 | <5 | 0.15 | <10 | 10 | 271 | 5 | 11 | <10 | 9 | 125 | <1 | <0.10 | 22 | 42 | 16 | 3 | <1 | 2 | 17 | 5 | 58 | 6 | 2 | 5 | 2 | 14 |
| 192764 | 135763 | <1 | 1.04 | <2 | 47 | 3 | <1 | 20 | 0.09 | <4 | 3 | 384 | 2 | 1.13 | 0.70 | 521 | 0.19 | 402 | 3 | 0.07 | 14 | <100 | 15 | <5 | <5 | 0.12 | <10 | 9 | 213 | 5 | 10 | <10 | 4 | 92 | 1 | 0.95 | 39 | 22 | 18 | 5 | <1 | <1 | 5 | 2 | 69 | 4 | 4 | 9 | <1 | 11 |
| 192765 | 135764 | <1 | 0.34 | <2 | 45 | <1 | <1 | 12 | 0.07 | <4 | 1 | 434 | <1 | 0.55 | 0.22 | 90 | 0.02 | <100 | 1 | 0.08 | 8 | <100 | 2 | <5 | <5 | 0.09 | <10 | 5 | <100 | <1 | <2 | <10 | 2 | 6 | 2 | 0.75 | 37 | 70 | 20 | 6 | <1 | 3 | 33 | 6 | 54 | 5 | 3 | 9 | 1 | 9 |
| 192766 | 135765 | <1 | 0.56 | 2 | 38 | 3 | <1 | 36 | 0.09 | <4 | 1 | 309 | <1 | 0.45 | 0.34 | 118 | 0.03 | <100 | 1 | 0.09 | 7 | <100 | 6 | <5 | <5 | 0.11 | <10 | 5 | <100 | <1 | <2 | <10 | 5 | 11 | 1 | <0.10 | 21 | 45 | 6 | 1 | <1 | 1 | 18 | <1 | 56 | 1 | <1 | 4 | 3 | 13 |
| 192767 | 135766 | <1 | 0.30 | <2 | 47 | 3 | <1 | 11 | 0.04 | <4 | <1 | 242 | <1 | 0.30 | 0.39 | 8 | <0.01 | <100 | <1 | 0.06 | 5 | <100 | 2 | <5 | <5 | 0.17 | <10 | 6 | <100 | <1 | <2 | <10 | 2 | <1 | 1 | <0.10 | 18 | 77 | 5 | 2 | <1 | 1 | 36 | <1 | 76 | 1 | <1 | 4 | 9 | 25 |
| 192768 | 135767 | <1 | 0.72 | 2 | 36 | <1 | <1 | 50 | 0.04 | <4 | <1 | 268 | <1 | 0.44 | 0.52 | 217 | 0.03 | <100 | 1 | 0.05 | 6 | <100 | <1 | <5 | <5 | 0.17 | 10 | 5 | <100 | <1 | <2 | <10 | 1 | 16 | <1 | <0.10 | 37 | 82 | 13 | 8 | <1 | 1 | 9 | 2 | 58 | 3 | 4 | 7 | <1 | 7 |
| 192769 | 135768 | <1 | 0.20 | <2 | 48 | 2 | <1 | 9 | 0.03 | <4 | <1 | 141 | <1 | 0.17 | 0.27 | 7 | <0.01 | <100 | <1 | 0.04 | 3 | <100 | <1 | <5 | <5 | 0.10 | <10 | 5 | <100 | 2 | <2 | <10 | <1 | <1 | 1 | 0.52 | 18 | 50 | 8 | 2 | <1 | 2 | 21 | <1 | 60 | 2 | <1 | 5 | 6 | 97 |
| 192770 | 135769 | <1 | 0.79 | <2 | 43 | <1 | 1 | 70 | 0.10 | <4 | 1 | 346 | 1 | 0.55 | 0.50 | 276 | 0.02 | 165 | 2 | 0.07 | 8 | <100 | 7 | <5 | <5 | 0.16 | <10 | 8 | <100 | <1 | <2 | <10 | 2 | 28 | <1 | 1.28 | 29 | 50 | 12 | 2 | <1 | 1 | 23 | <1 | 70 | 4 | 1 | 5 | 6 | 100 |
| 192771 | 135770 | <1 | 0.19 | <2 | 41 | 1 | <1 | 16 | 0.02 | <4 | <1 | 119 | <1 | 0.14 | 0.25 | 3 | <0.01 | <100 | <1 | 0.04 | 2 | <100 | <1 | 17 | <5 | 0.13 | <10 | 3 | <100 | 2 | <2 | <10 | <1 | <1 | <1 | <0.10 | 111 | 74 | 34 | 19 | <1 | <1 | 32 | 4 | 51 | 7 | 8 | 20 | 2 | 29 |
| 192772 | 135771 | 1 | 1.22 | <2 | 41 | 2 | 1 | 52 | <0.01 | <4 | 1 | 556 | 4 | 0.97 | 0.81 | 458 | 0.01 | 334 | 3 | 0.04 | 13 | <100 | 15 | 12 | <5 | 0.25 | 14 | 12 | <100 | 4 | <2 | <10 | <1 | 92 | <1 | 0.95 | 139 | 65 | 36 | 23 | <1 | <1 | 29 | 11 | 76 | 10 | 12 | 27 | 2 | 20 |
| 192773 | 135771 | 2 | 0.94 | <2 | 39 | 2 | 1 | 44 | <0.01 | <4 | 1 | 664 | 3 | 1.02 | 0.64 | 349 | <0.01 | 271 | 3 | 0.04 | 13 | <100 | 10 | <5 | <5 | 0.20 | <10 | 9 | <100 | 2 | <2 | <10 | <1 | 65 | 1 | <0.10 | 51 | 54 | 40 | 9 | 2 | 2 | 19 | 30 | 46 | 27 | 11 | 26 | <1 | 31 |
| 192774 | 135772 | <1 | 0.24 | <2 | 38 | 1 | <1 | 16 | 0.02 | <4 | <1 | 146 | <1 | 0.18 | 0.32 | 8 | <0.01 | <100 | <1 | 0.04 | 3 | <100 | <1 | <5 | <5 | 0.13 | <10 | 5 | <100 | <1 | <2 | <10 | <1 | <1 | 1 | <0.10 | 46 | 53 | 40 | 9 | 2 | 2 | 18 | 31 | 42 | 27 | 11 | 26 | <1 | 32 |
| 192775 | 135773 | <1 | 0.17 | <2 | 45 | 2 | <1 | 12 | 0.03 | <4 | 1 | 337 | <1 | 0.43 | 0.19 | 48 | 0.01 | <100 | 1 | 0.02 | 7 | <100 | <1 | <5 | <5 | 0.04 | <10 | 5 | <100 | 1 | <2 | <10 | <1 | 8 | 1 | <0.10 | 34 | 29 | 12 | 4 | <1 | 2 | 7 | 2 | 52 | 2 | 2 | 7 | <1 | 5 |
| 192776 | 135774 | <1 | 0.19 | <2 | 37 | 1 | <1 | 7 | 0.03 | <4 | <1 | 151 | <1 | 0.19 | 0.24 | 15 | <0.01 | <100 | <1 | 0.03 | 4 | <100 | <1 | <5 | <5 | 0.12 | <10 | 5 | <100 | 1 | <2 | <10 | <1 | 1 | 2 | 0.70 | 55 | 56 | 41 | 8 | 1 | 2 | 16 | 35 | 48 | 26 | 11 | 25 | <1 | 23 |
| 192777 | 135775 | <1 | 0.22 | <2 | 48 | 3 | <1 | 23 | 0.37 | <4 | <1 | 293 | <1 | 0.38 | 0.12 | 66 | 0.02 | 163 | 1 | 0.05 | 6 | 1350 | 1 | <5 | <5 | 0.09 | <10 | 5 | <100 | <1 | <2 | <10 | 6 | 25 | <1 | <0.10 | 35 | 52 | 12 | 6 | <1 | <1 | 14 | 2 | 58 | 4 | 2 | 4 | <1 | 11 |
| 192778 | 135776 | <1 | 0.17 | <2 | 36 | 1 | <1 | 9 | 0.03 | <4 | <1 | 134 | <1 | 0.16 | 0.11 | 10 | <0.01 | <100 | <1 | 0.08 | 4 | <100 | <1 | <5 | <5 | 0.07 | <10 | 4 | <100 | <1 | <2 | <10 | <1 | 4 | <1 | 0.65 | 40 | 51 | 13 | 6 | <1 | 2 | 16 | 3 | 56 | 3 | 2 | 7 | <1 | |



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www accurassay.com
assay@accurassay.com

Clark Consulting
PM
Job Number: 200742585
Date Received: Jul 30, 2007
Number of Samples: 74
Type of Sample: Core
Date Completed:
Project ID:

* The results included on this report relate only to the items tested
* This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.
*The methods used for these analysis are not accredited under ISO/IEC 17025

| Accur. # | Client Tag | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Se | Si | Sn | Sr | Ti | Tl | V | W | Y | Zn | Hg | S | U | Ce | Ga | Ge | Hf | In | La | Nb | Rb | Sc | Ta | Te | Th | Zr |
|----------|------------|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|------|------|-----|-------|------|-----|------|-----|------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 192779 | 135777 | <1 | 0.20 | <2 | 46 | 2 | 1 | 10 | 0.07 | <4 | 1 | 249 | <1 | 0.31 | 0.19 | 39 | <0.01 | <100 | <1 | 0.05 | 5 | <100 | <1 | <5 | <5 | 0.10 | <10 | 6 | <100 | <1 | <2 | <10 | <1 | 4 | 1 | <0.10 | 16 | 22 | 4 | 2 | <1 | 2 | 4 | <1 | 55 | <1 | 1 | 3 | <1 | 2 |
| 192780 | 135778 | <1 | 0.15 | <2 | 41 | 2 | <1 | 11 | 0.11 | <4 | 1 | 296 | <1 | 0.37 | 0.06 | 76 | 0.01 | 119 | 1 | 0.05 | 8 | 214 | <1 | <5 | <5 | 0.05 | <10 | 4 | <100 | <1 | <2 | <10 | 1 | 24 | 1 | 1.78 | 113 | 81 | 37 | 16 | <1 | 2 | 35 | 5 | 50 | 12 | 7 | 18 | 2 | 16 |
| 192781 | 135779 | <1 | 0.25 | <2 | 40 | 1 | <1 | 5 | 0.06 | <4 | <1 | 393 | <1 | 0.49 | 0.16 | 131 | 0.02 | 136 | 1 | 0.04 | 8 | <100 | <1 | <5 | <5 | 0.08 | <10 | 6 | <100 | <1 | <2 | <10 | <1 | 28 | 1 | 0.24 | 22 | 22 | 6 | 2 | <1 | <1 | 3 | <1 | 56 | <1 | <1 | 3 | <1 | 4 |
| 192782 | 135780 | <1 | 0.68 | <2 | 44 | <1 | <1 | 29 | 0.03 | <4 | 1 | 383 | 2 | 0.66 | 0.44 | 384 | <0.01 | 253 | 2 | 0.03 | 9 | <100 | 5 | <5 | <5 | 0.14 | <10 | 9 | <100 | 2 | <2 | <10 | 1 | 55 | <1 | 0.22 | 30 | 23 | 6 | 2 | <1 | <1 | 4 | <1 | 62 | 2 | <1 | 4 | <1 | 5 |
| 192783 | 135781 | <1 | 0.81 | <2 | 39 | <1 | <1 | 26 | <0.01 | <4 | 1 | 325 | <1 | 0.63 | 0.63 | 421 | <0.01 | 230 | 2 | 0.03 | 6 | <100 | 2 | <5 | <5 | 0.17 | <10 | 9 | <100 | 3 | <2 | <10 | <1 | 61 | <1 | 4.06 | 47 | 53 | 10 | 7 | <1 | 3 | 23 | <1 | 74 | 1 | 3 | 8 | 5 | 37 |
| 192784 | 135781 | <1 | 0.75 | <2 | 45 | <1 | <1 | 25 | <0.01 | <4 | <1 | 305 | <1 | 0.59 | 0.59 | 389 | <0.01 | 214 | 2 | 0.03 | 6 | <100 | 1 | <5 | <5 | 0.16 | <10 | 9 | <100 | 2 | <2 | <10 | <1 | 57 | 1 | 1.20 | 24 | 64 | 5 | 2 | <1 | 1 | 26 | <1 | 74 | 1 | <1 | 4 | 5 | 32 |
| 192785 | 135782 | <1 | 0.37 | 2 | 45 | 2 | <1 | 39 | 0.07 | <4 | 1 | 282 | 1 | 0.41 | 0.22 | 87 | 0.01 | 141 | 2 | 0.12 | 8 | <100 | 2 | <5 | <5 | 0.10 | <10 | 6 | <100 | <1 | <2 | <10 | 14 | 22 | 1 | 1.29 | 20 | 68 | 6 | 3 | <1 | 3 | 29 | <1 | 85 | 1 | <1 | 3 | 6 | 35 |
| 192786 | 135783 | <1 | 0.36 | <2 | 34 | 8 | 1 | 31 | 0.06 | <4 | <1 | 312 | <1 | 0.43 | 0.22 | 80 | 0.02 | 176 | 2 | 0.10 | 6 | <100 | 4 | <5 | <5 | 0.09 | <10 | 5 | <100 | <1 | <2 | <10 | 18 | 16 | <1 | 2.90 | 43 | 62 | 8 | 4 | <1 | 1 | 24 | <1 | 66 | <1 | <1 | 6 | 12 | 20 |
| 192787 | 135784 | <1 | 0.23 | <2 | 37 | 5 | 1 | 7 | 0.07 | <4 | <1 | 202 | <1 | 0.32 | 0.10 | 36 | 0.01 | 358 | 2 | 0.07 | 5 | <100 | 5 | <5 | <5 | 0.06 | <10 | 4 | <100 | <1 | <2 | <10 | 24 | 13 | <1 | 2.77 | 42 | 68 | 9 | 5 | <1 | 1 | 29 | <1 | 66 | <1 | 1 | 6 | 12 | 28 |
| 192788 | 135785 | <1 | 0.24 | <2 | 41 | 8 | <1 | 10 | 0.09 | <4 | 1 | 260 | 5 | 0.55 | 0.10 | 15 | 0.05 | 264 | 3 | 0.07 | 6 | <100 | 25 | <5 | <5 | 0.09 | <10 | 6 | <100 | <1 | <2 | <10 | 10 | 16 | 1 | 1.84 | 25 | 73 | 7 | 3 | <1 | 2 | 31 | <1 | 67 | <1 | <1 | 5 | 13 | 26 |
| 192789 | 135786 | <1 | 0.41 | <2 | 41 | 7 | <1 | 8 | 0.14 | <4 | 2 | 234 | 7 | 0.65 | 0.21 | 37 | 0.14 | 235 | 3 | 0.08 | 7 | <100 | 24 | <5 | <5 | 0.12 | <10 | 6 | <100 | <1 | 5 | <10 | 8 | 34 | 1 | 1.45 | 27 | 49 | 7 | 3 | <1 | 1 | 17 | <1 | 61 | <1 | 1 | 5 | 8 | 33 |
| 192790 | 135787 | <1 | 0.27 | <2 | 45 | 5 | <1 | 9 | 0.05 | <4 | 1 | 261 | 11 | 0.62 | 0.13 | 20 | 0.04 | 260 | 5 | 0.06 | 5 | <100 | 85 | <5 | <5 | 0.08 | <10 | <3 | <100 | <1 | <2 | <10 | 21 | 72 | 2 | 2.06 | 59 | 94 | 20 | 6 | <1 | 1 | 33 | 1 | 54 | 5 | 3 | 11 | <1 | 12 |
| 192791 | 135788 | <1 | 0.48 | 3 | 44 | 4 | <1 | 9 | 0.08 | <4 | 3 | 239 | 12 | 0.99 | 0.14 | 29 | 0.12 | 319 | 15 | 0.09 | 10 | <100 | 41 | <5 | <5 | 0.10 | <10 | 5 | 280 | <1 | 7 | <10 | 6 | 122 | 2 | 0.27 | 30 | 87 | 7 | 2 | <1 | 2 | 43 | <1 | 68 | 1 | <1 | 6 | 9 | 20 |
| 192792 | 135789 | <1 | 0.46 | <2 | 42 | 5 | <1 | 6 | 0.12 | <4 | 3 | 233 | 2 | 0.97 | 0.19 | 36 | 0.10 | 381 | 5 | 0.09 | 8 | <100 | 34 | <5 | <5 | 0.10 | <10 | 4 | 325 | 1 | 5 | <10 | 12 | 92 | 2 | 4.53 | 156 | 36 | 44 | 17 | <1 | 2 | 14 | 2 | 38 | 7 | 6 | 23 | 3 | 23 |
| 192793 | 135790 | <1 | 0.53 | <2 | 48 | 2 | <1 | 10 | 0.10 | <4 | 2 | 164 | <1 | 1.70 | 0.31 | 189 | 0.13 | 254 | 2 | 0.08 | 7 | <100 | 10 | <5 | <5 | 0.07 | <10 | 6 | 187 | <1 | 6 | <10 | 8 | 81 | 1 | 1.33 | 57 | 47 | 14 | 4 | <1 | <1 | 21 | <1 | 58 | 1 | 3 | 9 | 5 | 27 |
| 192794 | 135791 | <1 | 0.92 | 2 | 43 | 4 | 1 | 11 | 0.18 | <4 | 4 | 271 | <1 | 1.27 | 0.43 | 278 | 0.25 | 510 | 2 | 0.09 | 11 | <100 | 22 | <5 | <5 | 0.14 | <10 | 7 | 292 | <1 | 12 | <10 | 7 | 145 | <1 | 4.00 | 75 | 45 | 17 | 10 | <1 | 1 | 20 | <1 | 57 | 1 | 4 | 13 | 4 | 40 |
| 192795 | 135791 | <1 | 0.95 | <2 | 44 | 4 | 1 | 10 | 0.18 | <4 | 4 | 282 | <1 | 1.34 | 0.44 | 288 | 0.26 | 537 | 2 | 0.09 | 12 | <100 | 30 | <5 | <5 | 0.15 | <10 | 7 | 302 | 1 | 13 | <10 | 7 | 148 | 2 | 2.28 | 74 | 47 | 33 | 8 | <1 | 1 | 21 | 1 | 39 | 5 | 5 | 14 | 3 | 25 |
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| 192802 | 135798 | <1 | 0.42 | 3 | 51 | 4 | <1 | 89 | 0.25 | <4 | 1 | 319 | 1 | 0.41 | 0.19 | 80 | 0.02 | 127 | 2 | 0.14 | 11 | 266 | 12 | <5 | <5 | 0.08 | <10 | 6 | <100 | 2 | <2 | <10 | 17 | 9 | 1 | 5.17 | 74 | 40 | 18 | 9 | <1 | 2 | 16 | <1 | 59 | 1 | 3 | 14 | 4 | 41 |
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Job Number: 200742869
Date Received: Aug 8, 2007
Number of Samples: 68
Type of Sample: Core
Date Completed:
Project ID:

* The results included on this report relate only to the items tested
* This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.
*The methods used for these analysis are not accredited under ISO/IEC 17025

| Accur. # | Client Tag | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Se | Si | Sn | Sr | Ti | Tl | V | W | Y | Zn | Hg | S | U | Ce | Ga | Ge | Hf | In | La | Nb | Rb | Sc | Ta | Te | Th | Zr |
|----------|------------|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|------|-----|------|------|-----|------|-----|------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| | | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| 210245 | 135825 | 1 | 0.61 | <2 | 44 | 6 | <1 | <1 | 0.07 | <4 | 1 | 583 | <1 | 0.85 | 0.36 | 20 | 0.06 | 220 | 2 | 0.09 | 2 | <100 | 36 | <5 | <5 | 0.04 | <10 | 7 | <100 | 1 | <2 | <10 | 9 | 100 | <1 | <0.10 | <10 | 2 | 7 | 7 | 2 | <1 | 5 | 7 | 101 | <1 | 17 | 6 | <1 | 3 |
| 210246 | 135826 | 1 | 0.60 | 3 | 42 | 5 | <1 | 1 | 0.06 | <4 | 2 | 510 | <1 | 1.20 | 0.23 | 34 | 0.12 | 478 | 15 | 0.11 | 5 | <100 | 48 | <5 | <5 | 0.05 | <10 | 5 | 179 | <1 | 3 | <10 | 19 | 100 | <1 | <0.10 | <10 | 5 | 8 | 9 | 2 | <1 | 5 | 22 | 62 | <1 | 17 | 6 | <1 | 13 |
| 210247 | 135827 | <1 | 0.20 | <2 | 51 | 4 | <1 | 11 | 0.03 | <4 | <1 | 386 | <1 | 0.53 | 0.09 | 8 | 0.03 | <100 | <1 | 0.06 | <1 | <100 | 38 | <5 | <5 | 0.03 | <10 | 5 | <100 | <1 | <2 | <10 | 19 | 5 | <1 | <0.10 | <10 | 6 | 3 | 7 | 2 | <1 | 4 | 25 | 30 | <1 | 17 | 5 | <1 | 3 |
| 210248 | 135828 | 2 | 0.12 | <2 | 30 | 1 | <1 | 13 | 0.02 | <4 | <1 | 737 | 2 | 0.97 | 0.04 | 7 | 0.02 | 113 | 1 | 0.04 | 8 | <100 | 38 | <5 | <5 | 0.02 | <10 | 4 | <100 | <1 | <2 | <10 | 9 | 11 | <1 | <0.10 | <10 | <1 | 2 | 7 | 2 | <1 | 2 | 5 | 2 | <1 | 18 | 6 | <1 | <1 |
| 210249 | 135829 | 2 | 0.30 | <2 | 39 | 4 | <1 | 6 | 0.03 | <4 | <1 | 566 | <1 | 0.75 | 0.23 | 6 | 0.01 | 104 | 16 | 0.11 | 7 | <100 | 28 | <5 | <5 | 0.05 | <10 | 5 | <100 | <1 | <2 | <10 | 14 | 8 | <1 | <0.10 | <10 | <1 | 3 | 6 | 2 | <1 | 4 | 11 | 50 | <1 | 18 | 6 | <1 | 3 |
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| 210251 | 135831 | <1 | 0.39 | <2 | 39 | 5 | <1 | 2 | 0.08 | <4 | <1 | 284 | <1 | 0.54 | 0.26 | 13 | 0.03 | 117 | <1 | 0.13 | <1 | <100 | 33 | <5 | <5 | 0.06 | <10 | 5 | <100 | <1 | <2 | <10 | 24 | 22 | <1 | <0.10 | <10 | 5 | 3 | 9 | 3 | <1 | 5 | 22 | 48 | <1 | 17 | 5 | <1 | 7 |
| 210252 | 135832 | <1 | 0.37 | <2 | 31 | 5 | <1 | <1 | 0.05 | <4 | <1 | 220 | <1 | 0.49 | 0.30 | 12 | 0.03 | 145 | <1 | 0.10 | <1 | <100 | 21 | <5 | <5 | 0.06 | <10 | 6 | <100 | 1 | <2 | <10 | 19 | 18 | <1 | <0.10 | <10 | 2 | 3 | 8 | 3 | <1 | 4 | 18 | 54 | <1 | 17 | 5 | <1 | 3 |
| 210253 | 135833 | <1 | 0.50 | 2 | 32 | 3 | <1 | <1 | 0.14 | <4 | 1 | 110 | <1 | 0.98 | 0.13 | 48 | 0.13 | 418 | <1 | 0.07 | <1 | <100 | 42 | <5 | <5 | 0.04 | <10 | 5 | 147 | 3 | 2 | <10 | 27 | 165 | <1 | <0.10 | <10 | 8 | 7 | 10 | 2 | <1 | 6 | 19 | 46 | <1 | 17 | 6 | <1 | 6 |
| 210254 | 135834 | <1 | 0.50 | <2 | 28 | 3 | <1 | 5 | 0.08 | <4 | <1 | 341 | <1 | 0.78 | 0.22 | 30 | 0.05 | 278 | <1 | 0.11 | <1 | <100 | 31 | <5 | <5 | 0.04 | <10 | 4 | <100 | <1 | <2 | <10 | 20 | 69 | <1 | <0.10 | <10 | 14 | 5 | 9 | 2 | <1 | 8 | 12 | 66 | <1 | 17 | 5 | <1 | 5 |
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| 210258 | 135837 | <1 | 5.59 | 3 | 41 | 10 | <1 | <1 | 0.20 | <4 | <1 | 117 | <1 | 0.59 | 1.63 | 21 | 0.06 | 108 | <1 | 3.68 | <1 | <100 | 13 | <5 | <5 | 0.08 | <10 | 23 | <100 | <1 | <2 | <10 | 4 | 5 | <1 | <0.10 | <10 | <1 | 12 | 7 | 2 | <1 | 2 | <1 | 35 | <1 | 17 | 6 | <1 | 1 |
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| 210262 | 135841 | <1 | 0.39 | <2 | 35 | 4 | <1 | 3 | 0.10 | <4 | 2 | 215 | 10 | 0.67 | 0.20 | 40 | 0.10 | 138 | <1 | 0.06 | <1 | <100 | 18 | <5 | <5 | 0.03 | <10 | 6 | 126 | <1 | 11 | <10 | 9 | 18 | <1 | <0.10 | <10 | 6 | 5 | 7 | 2 | <1 | 5 | 9 | 81 | <1 | 17 | 5 | <1 | 3 |
| 210263 | 135842 | <1 | 0.44 | <2 | 34 | 20 | <1 | 3 | 0.14 | <4 | 3 | 211 | <1 | 0.73 | 0.26 | 36 | 0.12 | 131 | <1 | 0.06 | 1 | <100 | 25 | <5 | <5 | 0.04 | <10 | 8 | 252 | <1 | 22 | <10 | 5 | 26 | <1 | <0.10 | <10 | 3 | 3 | 6 | 2 | <1 | 4 | 6 | 74 | <1 | 17 | 7 | <1 | 4 |
| 210264 | 135843 | <1 | 0.26 | <2 | 27 | 5 | <1 | <1 | 0.03 | <4 | <1 | 312 | 48 | 0.59 | 0.13 | 13 | 0.05 | <100 | <1 | 0.08 | <1 | <100 | 18 | <5 | <5 | 0.05 | <10 | 5 | <100 | <1 | <2 | <10 | 10 | <1 | <1 | <0.10 | <10 | 1 | 2 | 7 | 2 | <1 | 4 | 7 | 30 | <1 | 17 | 4 | <1 | 3 |
| 210265 | 135844 | <1 | 1.22 | 2 | 38 | 5 | <1 | 4 | 0.05 | <4 | 5 | 412 | 34 | 1.98 | 0.67 | 190 | 0.37 | 676 | 3 | 0.15 | 11 | <100 | 57 | <5 | <5 | 0.13 | <10 | 11 | 509 | 3 | 18 | <10 | 13 | 134 | <1 | <0.10 | <10 | 11 | 17 | 10 | 1 | <1 | 8 | 25 | 604 | 3 | 18 | 9 | <1 | 12 |
| 210266 | 135844 | <1 | 1.26 | <2 | 37 | 5 | <1 | 3 | 0.05 | <4 | 6 | 423 | 36 | 2.06 | 0.70 | 197 | 0.38 | 699 | 3 | 0.15 | 12 | <100 | 58 | <5 | <5 | 0.11 | <10 | 12 | 517 | 4 | 18 | <10 | 13 | 141 | <1 | <0.10 | 17 | 12 | 18 | 11 | 1 | <1 | 9 | 25 | 632 | 3 | 18 | 7 | <1 | 12 |
| 210267 | 135845 | 1 | 0.38 | <2 | 31 | 6 | <1 | 2 | 0.03 | <4 | <1 | 505 | 17 | 0.76 | 0.25 | 29 | 0.04 | 124 | <1 | 0.12 | 3 | <100 | 24 | <5 | <5 | 0.06 | <10 | 6 | <100 | 1 | 2 | <10 | 5 | 4 | <1 | <0.10 | <10 | <1 | 4 | 8 | 2 | <1 | 3 | 5 | 116 | <1 | 17 | 5 | <1 | 3 |
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| 210270 | 135848 | <1 | 0.50 | <2 | 33 | 6 | <1 | 4 | 0.05 | <4 | 2 | 410 | 8 | 1.20 | 0.12 | 48 | 0.19 | 272 | 2 | 0.07 | 7 | <100 | 33 | <5 | <5 | 0.05 | <10 | 5 | 125 | 2 | 7 | <10 | 7 | 15 | <1 | <0.10 | <10 | <1 | 9 | 7 | 2 | <1 | 3 | 10 | 56 | <1 | 17 | 6 | <1 | 2 |
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| 210272 | 135850 | <1 | 0.40 | <2 | 27 | 1 | <1 | 22 | 0.02 | <4 | <1 | 252 | 1 | 0.39 | 0.35 | 106 | 0.02 | <100 | <1 | 0.04 | <1 | <100 | 7 | 17 | & | | | | | | | | | | | | | | | | | | | | | | | | | |



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PM
Job Number: 200742869
Date Received: Aug 8, 2007
Number of Samples: 68
Type of Sample: Core
Date Completed:
Project ID:

* The results included on this report relate only to the items tested
* This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.
*The methods used for these analysis are not accredited under ISO/IEC 17025

| Accur. # | Client Tag | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Se | Si | Sn | Sr | Ti | Tl | V | W | Y | Zn | Hg | S | U | Ce | Ga | Ge | Hf | In | La | Nb | Rb | Sc | Ta | Te | Th | Zr | |
|----------|------------|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|------|-----|-------|------|-----|------|-----|------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| | | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | | |
| 210275 | 135853 | <1 | 0.23 | <2 | 23 | 3 | <1 | 48 | 0.02 | <4 | <1 | 165 | <1 | 0.23 | 0.22 | 56 | <0.01 | <100 | <1 | 0.05 | <1 | <100 | 4 | <5 | <5 | 0.07 | <10 | 4 | <100 | <1 | <2 | <10 | <1 | <1 | <1 | <0.10 | <10 | <1 | 2 | 6 | 2 | <1 | <1 | <1 | <1 | 138 | <1 | 16 | 5 | <1 | <1 |
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| 210296 | 135872 | <1 | 0.25 | <2 | 42 | 18 | <1 | 4 | 0.09 | <4 | <1 | 305 | 20 | 0.53 | 0.11 | 20 | 0.04 | 425 | 4 | 0.10 | <1 | <100 | 56 | <5 | <5 | 0.06 | <10 | 5 | 155 | <1 | 2 | <10 | 17 | 30 | <1 | <0.10 | 32 | 13 | 2 | 7 | 6 | <1 | 7 | 11 | 36 | <1 | 17 | 7 | 21 | 70 | |
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| 210298 | 135874 | <1 | 0.48 | <2 | 47 | 4 | <1 | 4 | 0.19 | <4 | 1 | 307 | <1 | 0.70 | 0.19 | 77 | 0.08 | 241 | 4 | 0.11 | 2 | <100 | 20 | <5 | <5 | 0.08 | <10 | 7 | 110 | <1 | 4 | <10 | 10 | 57 | <1 | <0.10 | <10 | 8 | 6 | 8 | 3 | <1 | 7 | 10 | 118 | <1 | 17 | 5 | <1 | 7 | |
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PM
Job Number: 200742869
Date Received: Aug 8, 2007
Number of Samples: 68
Type of Sample: Core
Date Completed:
Project ID:

* The results included on this report relate only to the items tested
* This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.
*The methods used for these analysis are not accredited under ISO/IEC 17025

| Accur. # | Client Tag | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | K | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Se | Si | Sn | Sr | Ti | Tl | V | W | Y | Zn | Hg | S | U | Ce | Ga | Ge | Hf | In | La | Nb | Rb | Sc | Ta | Te | Th | Z |
|----------|------------|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|------|-----|-------|------|-----|------|-----|------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 210305 | 135880 | <1 | 0.96 | <2 | 39 | 2 | <1 | 70 | 0.07 | <4 | <1 | 296 | 7 | 0.56 | 0.61 | 296 | <0.01 | 225 | <1 | 0.06 | <1 | <100 | 18 | <5 | <5 | 0.17 | <10 | 11 | <100 | 2 | <2 | <10 | 1 | 30 | <1 | <0.10 | <10 | <1 | 15 | 7 | 3 | <1 | <1 | 4 | 648 | <1 | 17 | 7 | <1 | 3 |
| 210306 | 135881 | <1 | 0.25 | <2 | 38 | 5 | <1 | 15 | 0.02 | <4 | <1 | 279 | 5 | 0.35 | 0.23 | 10 | <0.01 | <100 | <1 | 0.09 | <1 | <100 | 7 | <5 | <5 | 0.05 | <10 | 6 | <100 | <1 | <2 | <10 | 1 | <1 | <1 | <0.10 | <10 | <1 | 3 | 7 | 3 | <1 | <1 | 2 | 162 | <1 | 17 | 6 | <1 | 2 |
| 210307 | 135882 | <1 | 0.45 | <2 | 34 | 6 | <1 | 31 | 0.02 | <4 | <1 | 245 | 2 | 0.36 | 0.44 | 45 | <0.01 | <100 | <1 | 0.07 | <1 | <100 | 11 | <5 | <5 | 0.06 | <10 | 9 | <100 | 3 | <2 | <10 | <1 | <1 | <1 | <0.10 | <10 | <1 | 5 | 6 | 3 | <1 | <1 | 1 | 363 | <1 | 17 | 5 | <1 | <1 |
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| 210309 | 135884 | <1 | 0.63 | <2 | 28 | 4 | <1 | 46 | 0.02 | <4 | <1 | 273 | 5 | 0.42 | 0.44 | 68 | 0.01 | <100 | <1 | 0.12 | <1 | <100 | 15 | <5 | <5 | 0.08 | <10 | 8 | <100 | 2 | <2 | <10 | 3 | <1 | <1 | <0.10 | <10 | <1 | 8 | 6 | 2 | <1 | 2 | 4 | 351 | <1 | 17 | 5 | <1 | 2 |
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| 210313 | 135887 | 1 | 0.68 | <2 | 37 | 5 | <1 | 3 | 0.09 | <4 | 1 | 430 | 43 | 0.96 | 0.24 | 68 | 0.09 | 467 | 3 | 0.19 | 4 | 137 | 46 | <5 | <5 | 0.07 | <10 | 7 | <100 | 1 | 3 | <10 | 43 | 21 | <1 | <0.10 | <10 | 58 | 7 | 8 | 4 | <1 | 22 | 12 | 162 | <1 | 18 | 6 | 16 | 42 |
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Certified By: 
Derek Demianiuk, H.Bsc.