Prospecting Report
On
Merrex Gold Inc.'s
Claims
Red Lake District,
Northwestern Ontario



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#### 1.0 SUMMARY

Clark Exploration Consulting of Thunder Bay, Ontario was contracted by Merrex Gold Inc. to review the claims held in the Red Lake Mining Division. The claims are comprised of 7 blocks totalling 230 units (1 unit equals 16 hectares). The claim blocks are centred around the Woman Lake area. A prospecting program was completed on 4 of the blocks to start the assessment of the mineral potential.

The Red Lake properties lie approximately 80 kilometres east-northeast of the town of Red Lake, Ontario. The area lies within the Archean Birch-Uchi Greenstone Belt of the western Uchi Subprovince of NW Ontario. This belt records a stratigraphic history that spanned approximately 290 Ma, involving repeated episodes of rifting, and associated depositional and magmatic phases. The properties cover portions of a deformation zone that forms an easterly splay off the regional northeast trending Swain Lake Deformation Zone.

The properties are known as: Shabumeni (118 units), East Swain (16 units), Shabumeni River (16 units), Skinner (32 units), Women River (30 units), Premier Lake (9 units) and Confederation Lake (9 units).

The 2003 exploration program by Jilbey Gold Exploration Ltd. on the Red Lake properties focused on the diamond bearing potential. The program was comprised of airborne magnetic and electromagnetic surveys followed up by ground magnetic, soils and rock sampling and mobile metal ion (MMI) soil geochemistry.

The prospecting and sampling program focused on accessing 4 of the blocks to evaluate the outcrop exposure, historical showings and mineral potential. A total of 81 rock samples and 98 humus samples were taken from the 4 claim blocks. The program succeeded in returning anomalous gold values from all but one of the properties. The work on the largest property, Shabumeni, produced the best assays from sulfide bearing quartz veins hosted by metavolcanics. Two historic showings were sampled on the Shabumeni property. The gold results (13 samples) from the Main zone included 3 samples ranging from 59 to 387 ppb, 4 samples ranging from 1308 to 2788 ppb, 3 samples ranging from 4456 to 7474 ppb and 3 samples ranging from 22184 to 30395 ppb. The sampling of the Main zone was over a strike length of approximately 70 metres. The gold results (6 samples) from the Snake zone ranged from 101 to 1259 ppb's. Sampling of the west showing was limited to 20 metres.

## 2.0 INTRODUCTION

Clark Exploration Consulting of Thunder Bay, Ontario was contracted by Merrex Gold Inc. to review claims held within the Red Lake Mining Division. The claims are comprised of 7 blocks totalling 230 – 16 hectare units. The claim blocks are centred around the Woman Lake area. A prospecting program was completed on 4 of the blocks to start the assessment of the mineral potential.

The Red Lake properties lie approximately 80 kilometres east-northeast of the town of Red Lake, Ontario. The area lies within the Archean Birch-Uchi Greenstone Belt of the western Uchi Subprovince of NW Ontario. This belt records a stratigraphic history that spanned approximately 290 Ma, involving repeated episodes of rifting, and associated depositional and magmatic phases.

### 3.0 PROPERTY DESCRIPTION AND LOCATION

The Red Lake properties are centred at Woman Lake, approximately 80 km east-northeast of Red Lake, Ontario (Figure 1). The approximate UTM co-ordinates for the centre of the properties are 521610 E, 5670980 N (Datum NAD 83 Zone 15). The properties comprise 7 blocks totalling 230 units (1 unit equals 16 hectares).

The properties are known as: Shabumeni (118 units), East Swain (16 units), Shabumeni River (16 units), Skinner (32 units), Women River (30 units), Premier Lake (9 units) and Confederation Lake (9 units).

Table 1. Red Lake Claims

**RED LAKE Mining Division - 403617 - MERREX GOLD INC.** 

|                             | -               | 0                 | C REPORT OF THE PARTY OF | -                 | MANAGE DE LA CONTRACTION DEL CONTRACTION DE LA C | -                | -                |
|-----------------------------|-----------------|-------------------|--------------------------|-------------------|--|------------------|------------------|
| Township/Area               | Claim<br>Number | Recording<br>Date | Claim<br>Due<br>Date     | Percent<br>Option | Work<br>Required   | Total<br>Applied | Total<br>Reserve |
| GOODALL                     | 1248644         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 3,600   | \$ 10,800        | \$ 43,202        |
| GOODALL                     | 1248645         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 3,210   | \$ 11,190        | \$ 0             |
| GOODALL                     | 1248647         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 6,000   | \$ 18,000        | \$ 0             |
| GOODALL                     | 1248648         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 6,000   | \$ 18,000        | \$ 46,555        |
| LITTLE<br>SHABUMENI<br>LAKE | 1248641         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 6,400   | \$ 19,200        | \$ 27,208        |
| SHABUMENI<br>LAKE           | 1247895         | 2003-Jul-28       | 2007-<br>Jul-28          | 100 %             | \$ 2,400   | \$ 4,800         | \$ 2,096         |
| SHABUMENI<br>LAKE           | 1248661         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 6,400   | \$ 19,200        | \$ 0             |
| SHABUMENI<br>LAKE           | 1248663         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 6,400   | \$ 19,200        | \$ 13,395        |
| SHABUMENI<br>LAKE           | 1248665         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 6,000   | \$ 18,000        | \$ 0             |
| SHABUMENI<br>LAKE           | 1248666         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 1,200   | \$ 3,600         | \$ 2,197         |
| SHABUMENI<br>LAKE           | 1248667         | 2002-Apr-08       | 2007-<br>Apr-08          | 100 %             | \$ 6,000   | \$ 18,000        | \$ 0             |
| SKINNER                     | 1248617         | 2002-Apr-02       | 2007-<br>Apr-02          | 100 %             | \$ 6,400   | \$ 19,200        | \$ 3,014         |
| SKINNER                     | 1248620         | 2002-Apr-02       | 2007-<br>Apr-02          | 100 %             | \$ 6,400   | \$ 19,200        | \$ 0             |

## RED LAKE Mining Division - 402564 - HIGH RIVER ACQUISITION CORP

| Township/Area     | Claim<br>Number | Recording<br>Date | Claim<br>Due<br>Date | Percent | Work<br>Required | Total<br>Applied | Total<br>Reserve |
|-------------------|-----------------|-------------------|----------------------|---------|------------------|------------------|------------------|
| SHABUMENI<br>LAKE | 4207408         | 2006-Sep-26       | 2008-<br>Sep-26      | 100 %   | \$ 6,000         | \$ 0             | \$ 0             |
| SHABUMENI<br>LAKE | 4211605         | 2006-Jul-27       | 2008-<br>Jul-27      | 100 %   | \$ 6,400         | \$ 0             | \$ 0             |
| SHABUMENI<br>LAKE | 4211606         | 2006-Jul-27       | 2008-<br>Jul-27      | 100 %   | \$ 6,400         | \$ 0             | \$ 0             |
| SHABUMENI<br>LAKE | 4211607         | 2006-Jul-27       | 2008-<br>Jul-27      | 100 %   | \$ 6,400         | \$ 0             | \$ 0             |

# 4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Red Lake properties lie approximately 80 kilometres east-northeast of the town of Red Lake, Ontario. Each property can be accessed by:

Shabumeni: Float or ski equipped plane East Swain: Float or ski equipped plane Shabumeni River: Float or ski equipped plane

Skinner: Logging road

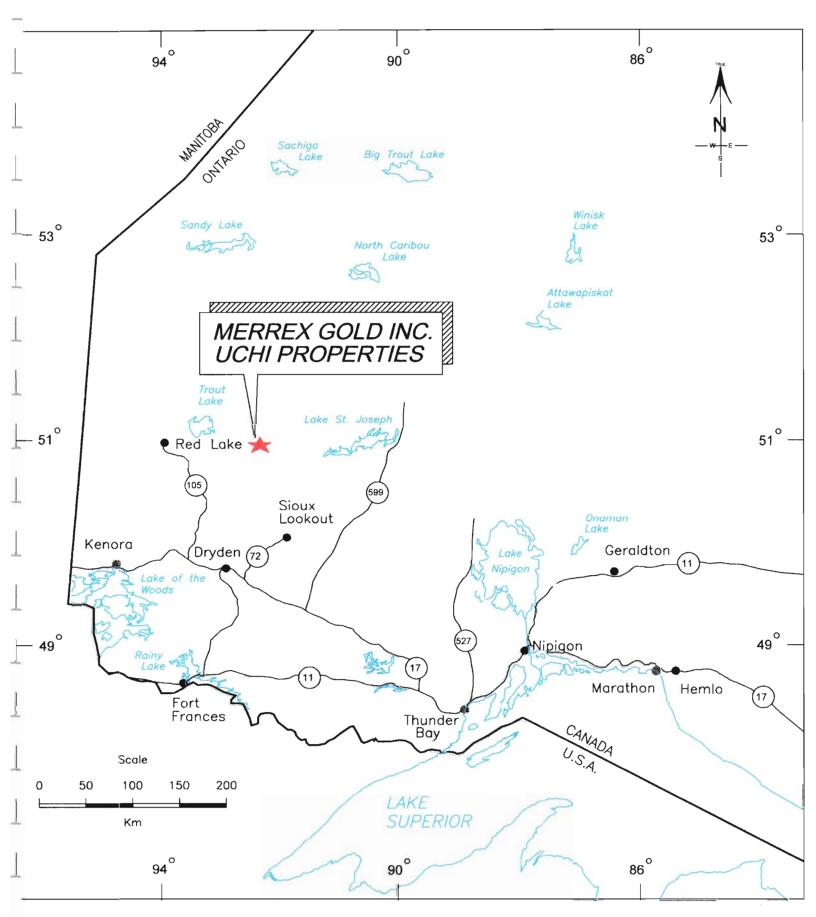
Women River: Float or ski equipped plane, boat Premier Lake: Float or ski equipped plane, boat Confederation Lake: Float or ski equipped plane

Exploration crews can be accommodated at the fishing resorts that are accessible via secondary roads leading northeast off highway 105 at Ear Falls. Some of these resorts provide flight services and boat rentals.

Lakes cover approximately 10-35% of the properties. Topography is generally gentle with elevations ranging from 400 to 440 metres above sea level. A mixed forest of mostly spruce, balsam, poplar and birch covers the claims, with swampy vegetation in low-lying areas and local areas of forest blow-down.

Temperatures range from highs of 35°C in summer to lows of -30°C in winter, with snow cover between November and May. The best season for exploration is between June and October, although in lake covered or swampy areas exploration activities such as geophysical surveys and diamond drilling might best be conducted after winter freeze up.

The Red Lake district, population 4,700, is located at the end of Highway #105 which is 175 km north of Kenora on the Trans-Canada highway. The town is serviced by regular air flights from Thunder Bay and Winnipeg, 7 days a week. The local population includes skilled tradesmen and experienced underground miners. All necessary supplies are available locally or in Winnipeg and Thunder Bay.



- FIGURE 1

Regional-Scale Location Map

## 5.0 PROPERTY HISTORY and Geology

Shabumeni Block

The Shabumeni Block can be divided into a north and south portion when examining the history of exploration.

The exploration on the south portion of the claims can be summarized as:

1966: Dome Exploration completed a series of 6 (1908 feet) drill holes that tested an electromagnetic anomaly that trends north south up the peninsula. Assays of the drilling were low but visible gold was noted in a ½ inch quartz carbonate veinlet.

1975-78: McIntyre Mines Limited completed magnetic, electromagnetic and geology surveys and one diamond drill hole on the peninsula area (similar area to Dome)

1987: Dome Exploration went back and completed one hole under the area of the reported visible gold.

2003: Jilbey Gold Exploration Ltd. completed airborne magnetic and electromagnetic surveys followed up by ground magnetic, soils and rock sampling and mobile metal ion (MMI) soil geochemistry.

2005: Jammin Rock Resources completed an airborne electromagnetic and magnetic survey over the entire property.

The exploration on the north portion of the claims can be summarized as:

Original trenches on quartz sulfides veins completed by unknown operators.

1969: Falconbridge Nickel completed an electromagnetic survey.

1981: Minorex Ltd. staked the northern portion of the property. Geological mapping, magnetic and VLF-EM surveys and assaying were completed and series of eight gold bearing quartz vein zones discovered.

Zone 1 (Main Zone): Composed of four veins with strike length of 280 feet. Veins are sub-parallel in a 15 foot wide zone. Vein #3 was best vein with a 104 foot length, 1.62 feet wide averaging 0.12 ounces gold per ton and 0.28 ounces silver per ton.

Zone 2: Thirteen grabs assayed nil to 0.30 ounces gold per ton.

Zone 3: Eight samples nil to 0.02 ounces gold per ton.

Zone 4 (Iceberg): 2 inch to 2 foot quartz veins in a 7 foot shear. Thirteen grabs assayed nil to 0.16 ounces gold per ton.

Zone 5 (Snake): 3 – 5 inch quartz veins at the contact along a gabbro dike. Four assays range nil to 0.65 ounces gold per ton.

Zone 6 (Clap): Quartz veins up to 4 inches in mafic volcanics. Ten samples trace to 0.44 ounces gold per ton.

Zone 7: A series of 2-8 inch quartz veins in the quartz monzonite core of a gabbro intrusion. Fours grab samples assayed nil to 0.23 ounces gold per ton.

Zone 8: At the south end of a gabbro stock a four inch wide quartz lens assayed 0.22 ounces gold per ton.

1987: Marilyn Resources Inc. completed induced polarization, VLF-EM and magnetic surveys over the area defined by Minorex Ltd. A four hole diamond drill program (~1200 feet) evaluated the two showings and the strike extensions. The program was completed concurrently and the author believed that the holes could have been better targeted if the geophysics was available before drilling. JG 87-1 intersected 0.4 ounces gold per ton over 3.5 feet and 0.10 ounces gold over 3.0 feet under the Main Zone

JG 87-2 intersected 0.05 ounces gold per ton over 4.0 feet 50 feet north of JG 87-1

JG 87-3 intersected 0.03 ounces gold per ton over 4.0 feet beneath the Iceberg Zone.

JG 87-4 was forecasted to have stopped short of the anomaly.

1990: A. Hagar (Milestone Resources) completed 19 holes in the area of the various gold showings. These holes targeted various IP targets and the known showings. 5 holes under the Main zone, 8 beneath the Clap zone and 1 under the Snake zone.

Hole 1: IP target, 0.30 ounces gold per ton over 1.5 feet.

Hole 6: IP target, 0.04 ounces gold per ton over 4.7 feet.

Hole 11: IP target, 0.06 ounces gold per ton over 1.0 feet.

Hole 13: Main zone, 0.08 ounces gold per ton over 2.3 feet in a quartz vein.

Hole 14: Main zone, 0.12 and 0.10 ounces gold per ton over 1.2. and 2.0 foot quartz veins respectively.

Hole 15: Main zone, 0.08 ounces gold per ton over 1.5 feet in a quartz vein.

Hole 16: Main zone, 6.16 ounces gold per ton over 1.0 feet in a quartz vein.

Hole 19: Snake zone, 0.12 ounces gold per ton over 1.4 feet in a chlorite shear with 10% pyrite.

2003: Jilbey Gold Exploration completed surface sampling on some of the known gold showings.

The property is underlain mainly by volcanic flows and pyroclastics. The southern portion of the property is reported to be underlain by dacitic to rhyodacitic tuffs with minor amounts of dacitic agglomerate and massive rhyolitic, ryhodacitic and dacitic lavas. A narrow horizon of north trending carbonaceous argillite on the large peninsula has been the exploration target in the past. The northern portion of the property near the gold showings is underlain intermediate pyroclastics overlain in the southeast by mafic pillowed and massive flows and agglomerates. The volcanic rocks are intruded by gabbroic plutons with quartz monzonite cores.

#### East Swain

1985: Rand Hodgson mapped the present property as part of a larger property.

1988: Falconbridge completed a geological and geochemical survey on a larger block that covered the present property.

2003: Jilbey Gold Exploration completed a sampling program targeting diamonds.

The property was mapped as being underlain predominately mafic pyroclastics and flows.

### Shabumeni River

2003: Jilbey Gold Exploration completed a sampling program targeting diamond. No other files are recorded as work with the Ministry of Northern Development and Mines.

#### Skinner:

2003: Jilbey Gold Exploration completed a sampling program targeting diamond. No other files are recorded as work with the Ministry of Northern Development and Mines.

### Women River:

2003: Jilbey Gold Exploration completed a sampling program targeting diamond. No other files are recorded as work with the Ministry of Northern Development and Mines.

#### Premier Lake:

1981: Minorex Limited completed mapping of this block as part of a larger block. 2003: Jilbey Gold Exploration completed a sampling program targeting diamond. No other files are recorded as work with the Ministry of Northern Development and Mines.

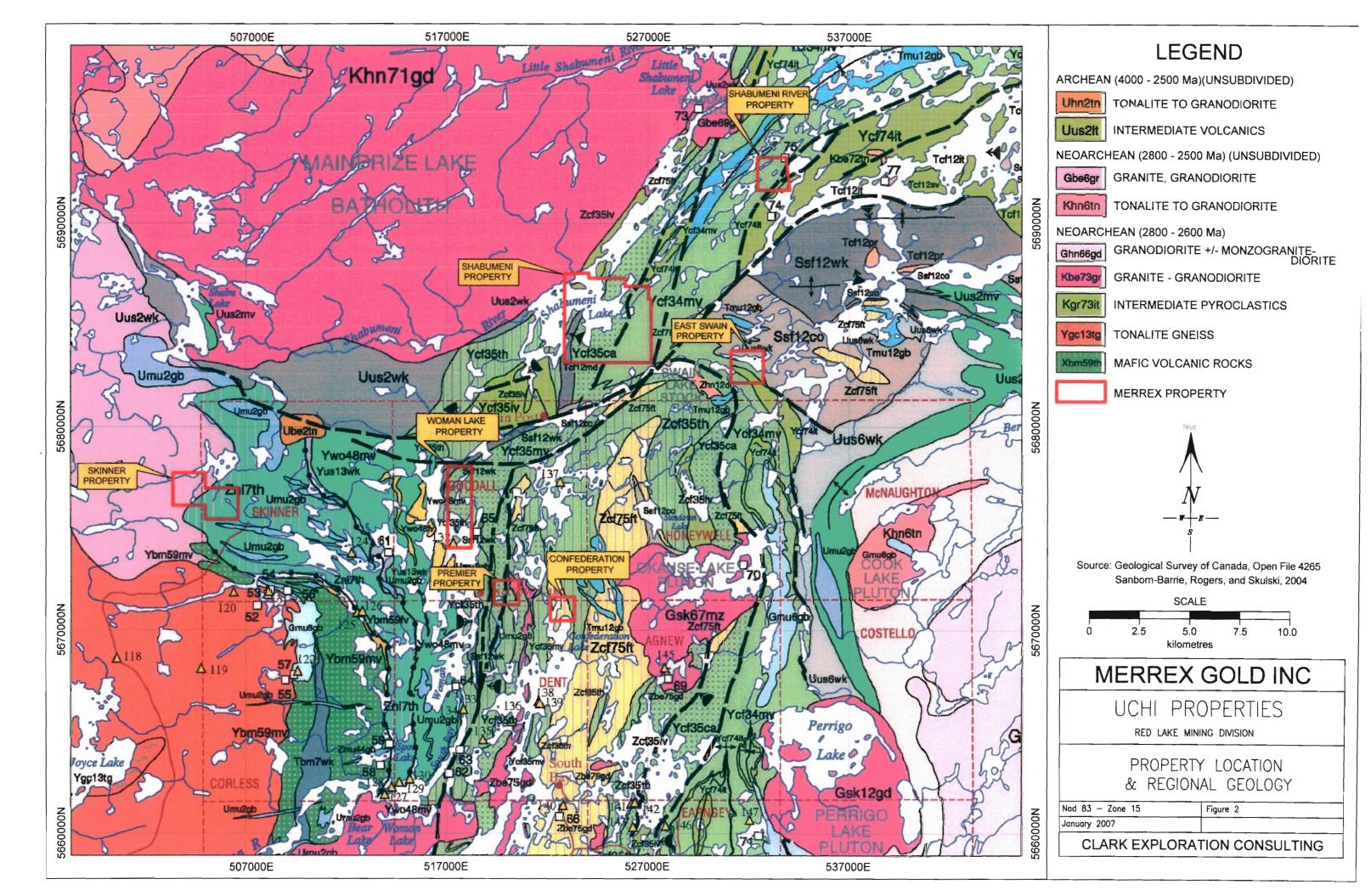
Outcrop exposure is poor and indicated as mafic to felsic volcanics.

## Confederation Lake:

1988: Gold Crest Minerals Inc. completed geophysics and geological survey that covered a small portion of the western portion of this block as part of a larger property.

2003: Jilbey Gold Exploration completed a sampling program targeting diamond. No other files are recorded as work with the Ministry of Northern Development and Mines.

The geological mapping completed by Gold Crest Minerals report only mafic volcanics on the western portion of the block.



#### 6.0 GEOLOGICAL SETTING

## 6.1 Regional Geology

The Red Lake properties lie within the Archean Birch-Uchi Greenstone Belt of the western Uchi Subprovince of NW Ontario. This belt records a stratigraphic history that spanned approximately 290 Ma, involving repeated episodes of rifting, and associated depositional and magmatic phases. Unconformity-bounded sequences of mafic to felsic volcanic strata and primarily clastic sedimentary strata accumulated between ca. 2992 Ma and 2700 Ma upon a complex extensional architecture, which largely formed the template upon which later compressional structures were superimposed.

Supracrustal strata in the belt have been subdivided into 3 volcano-sedimentary mega-cycles (Stott & Corfu 1992, Thurston 1985) each comprising variably mafic to felsic volcanic strata and subordinate clastic sedimentary strata. From oldest to youngest these mega-cycles are comprise the following assemblages:

- The Balmer Assemblage (2987 Ma) is primarily an Fe-tholeiitic sequence of mafic volcanic strata, with minor interbeds of banded iron formation. The distribution of this assemblage is restricted to the extreme western edge of the Birch-Uchi Belt immediately adjacent to the Trout Lake Batholith.
- The Woman Assemblage (2858 Ma) is also primarily an Fe-tholeitic sequence of mafic volcanic strata, with minor interbeds of banded chemical sediments and pyritic siltstones and shales. This assemblage is unconformable or paraconformable on the Balmer assemblage and occurs along the western edge of the Birch-Uchi Belt stratigraphically above the Balmer Assemblage.
- The Confederation Lake Assemblage (2750-2700Ma) is by far the most aerially extensive assemblage in the belt. It is comprises an assemblage of intermediate to felsic flows and pyroclastic strata, which are unconformably overlain by conglomeratic to argillaceous rift-related sediments. The Confederation Lake Assemblage also has minor interbeds or banded iron formation.

At least 3 phases of regional deformation affected the area resulting in the widespread development of folds, axial planar fabrics, and ductile shear zones. D1 deformation involved NW-SE shortening, the development of NE to N-striking folds and faults. Evidence for this D1 event is best preserved in the southern part of the belt in the Confederation Lakes area. D2 deformation involved NE-SW to N-S shortening and the development of ~E-W to WNWESE striking regional folds, faults and fabrics. This event is manifested to varying degrees throughout the belt from the Casummit Lake area in the north to the Slate Lake area in the

south. D3 deformation appears to have involved renewed E-W shortening and is restricted to the northern part of the belt in the Mink Lake/Casummit Lake area. This shortening event resulted in the buckling of the regional S2 foliation into N-S folds. This event was accompanied by N-S striking S3 crenulation cleavage and ENE plunging F3 fold development.

## **Table 2. Table of Lithologies**

From Johns (1979)

Phanerozoic

Cenozoic

Quaternary

Recent

Swamp, stream, and lacustrine deposits

Pleistocene

Till, clay, sand, and gravel

**Unconformity** 

Precambrian

Early Precambrian

Felsic to Intermediate Intrusive Rocks

Hornblende and biotite diorite, syenodiorite, hornblende and biotite trondhjemite, quartz diorite, hornblende and biotite quartz monzonite to granodiorite, and pink pegmatite

Intrusive Contact

Metamorphosed Felsic to Intermediate Intrusive Rocks

Quartz-feldspar porphyry, feldspar porphyry, mafic feldspar porphyry, and felsite

Intrusive Contact

Metamorphosed Mafic and Ultramafic Rocks

Gabbro, diorite, quartz diorite, quartz gabbro, porphyritic gabbro, serpentinized peridotite, serpentinized dunite, and pyroxenite

Intrusive Contact

Metasediments

**Chemical Metasediments** 

Oxide- and sulphide-facies iron formation

Clastic Metasediments

Wacke, slate, argillite, arenites, arkose, conglomerate, reworked tuff, siltstone, quartz-wacke, quartz arenites

Metavolcanics

Felsic Metavolcanics

Flow tuff, lapillistone, lapilli tuff, tuff-breccia, thin bedded flow Intermediate Metavolcanics

Flow tuff, pyroclastic breccia, lapilli-tuff, tuff-breccia, spherulitic flow, amygdaloidal and porphyritic flow, autoclastic breccia, flow layered flow

Mafic Metavolcanics

Porphyritic, glomeroporphyritic, amygdaloidal, massive, and pillowed flows with pillow breccia and coarse-grained centres; pyroclastic rock, autoclastic breccia, variolitic flow, hyaloclastic breccia, hyaloclastite, carbonatized flow, lapilli tuff.

## 6.2 2006 WORK PROGRAM

Clark Exploration Consulting was contracted by Merrex Gold Inc. to evaluate the Red Lake properties. The project involved sending a prospecting team to 4 of the blocks to do a first pass ground evaluation. A total of 26 days were consumed on the project (Appendix II Daily Log). The sample descriptions and assays are presented in Appendix III. The work on the individual blocks was comprised of:

Shabumeni (Map 2): The prospectors reviewed the assessment files in Red Lake locating the data indicating the field locations of the gold occurrences documented by Minorex. The prospectors spent 6 days on the ground locating and sampling the easiest to locate showings. Two historic showings were grab sampled on the Shabumeni property. The gold results (13 grab samples) from a 70 metre strike length of the east showing included 3 samples ranging from 59 to 387 ppb, 4 samples ranging from 1308 to 2788 ppb, 3 samples ranging from 4456 to 7474 ppb and 3 samples ranging from 22184 to 30395 ppb. The gold results (6 grab samples) from the west showing ranged from 101 to 1259 ppb's. Sampling of the west showing was limited to 20 metres.

The additional historic showings were not located or sampled. Comment was made to how dirty some of the bush was and a control grid should be completed to assist in locating all the gold occurrences.

East Swain (Map 3): After review of the assessment files 3 days were utilized prospecting the claims. A total of 3 days were consumed prospecting with 18 samples of outcrop and float being taken. Two float/frost heave samples assayed 2390 ppb gold and 1255 ppb gold from cherty sediment and pyroclastic volcanics, respectively with both having 10% pyrite. A sample from a quartz carbonate vein (in place) assayed 2592 ppb gold.

Skinner (Map 4 +5): The claims are logging road accessible with very little outcrop exposure. A total of 4 days were used to prospect and complete soil samples on the property. Fourteen grab samples were taken and a 240 station humus sampling grid was established. After a review of the soil / humus conditions on the property it was decided the best medium to sample would be the humus layer. The soil profile is poorly developed as the area is dominated by well sorted outwash sands. The humus layer was consistently thin composed of black decayed plant materials. A high number of the humus sites had no samples available or an insufficient volume of sample medium. The samplers would scrap as much humus material as possible into a sample bag. The no sample sites were either wet area or extremely well drained areas with insufficient humus development. The other problem was the contamination of the samples by the fine sand and silts. This resulted in only 98 samples being submitted for assay. Due to the sporadic soil sample sites the 437 and 42 ppb gold per ton sample results cannot be adequately interpreted. Additional work is required to identify the significance of these results.

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Premier Lake (Map 6): The claim block is accessible by float plane but can be accessed by boat (difficult). Two days were spent on the property and two samples that assayed <5 ppb were taken. The property requires further work but is noted to have horrible bush conditions.

## 7.0 RECOMMENDATIONS

A \$144,600.00 exploration program is required to continue to assess the potential of economic gold mineralization. The limited prospecting of the 4 Merrex Gold Inc.'s claim blocks has revealed the potential of gold mineralization. A compilation of the area of all the blocks should be completed to assess area open for staking and potential of the present claims.

The Shabumeni claims are the most advanced of all the blocks. The previous work in the north portion of the block by Minorex, revealed a total of 8 quartz veined zones that are associated to shear zones spatially related to the contacts of gabbro to quartz monzonite intrusions. These occurrences are located within an area of 900 metres by 1500 metres. The limited diamond drilling has been completed testing the gold showings and induced polarization targets (diamond drilling with intercepts of up to 6.16 ounces per on over 1.0 feet in a quartz vein). Once a thorough compilation of the Shabumeni claims is completed, a detailed grid should be established. All the known gold showings need to be relocated, stripped, detail mapped and sampled. A review of the alteration and structure will help evaluate the geological setting and determine the potential for discovering economic gold mineralization.

| Merrex Gold Inc.  | Red Lake Properties               |
|---|-----------------------------------|
| 8.0 PROPOSED BUDGET   |                                   |
| Compilation All Claim Blocks  | 25,000.00                         |
| Shabumeni   |                                   |
| Linecutting 40 kilometres @ \$600 / kilometreFlights  | •                                 |
| Prospecting and Sampling 2 technicians @ \$800/day for 25 days Travel to property Room, Board, and Boat Assays 200 @ \$20 / sample Supplies | 6,000.00<br>12,000.00<br>4,000.00 |
| Geological mapping, Geologist 40 days @ \$540/day Room, Board, and Boat Supplies  | 12,000.00                         |
| Reports and Maps  | 8,000.00                          |
| Contingencies   | 5,000.00                          |
| SUB-TOTAL   | \$144,600.00                      |

### 9.0 REFERENCES

- Assessment Files Housed in the Red Lake Resident Geologist Office, Red Lake or accessed via <a href="https://www.geologyontario.mndm.gov.on.ca">www.geologyontario.mndm.gov.on.ca</a>
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| Merrex | Gold | Inc.  |
|--------|------|-------|
| MELLEY | OUIU | 1116. |

**Red Lake Properties** 

Appendix I Claim Disposition Key Map

| M   | erre)   | r Go | Id I | Inc   |
|-----|---------|------|------|-------|
| IVI | 51 I 57 |      | ıu ı | 1116. |

**Red Lake Properties** 

Appendix II Daily Log

## **Daily Log**

September 9: Jim Forbes and Frank Kidd drive from Kirkland Lake to Thunder Bay.

September 10: Pick up gear and maps. Drive to Red Lake.

September 11: Look up historic showings at Red Lake MNDM and drive to Kabeelo Lodge on Confederation Lake.

September 12: Boat up Confederation Lake and hike in to locate Premier claim. Far too hard to access the claims this way.

September 13: Fly into Premier Lake. Prospect interior of claim.

September 14: Fly into Shabumeni Lake. Prospect east bay looking for historic trenches. None were found. Very dirty bush.

September 15: Fly into Shabumeni Lake. Prospect East shore on claim 1247895.

September 16: Fly into Shabumeni Lake. Locate one historic trench on claim 1247895. Weather came in at noon. Plane not able to get in. Spent night in cabin at pick-up point.

September 17: Weather still raging. Lake to rough to venture out on. Plane finally picks us up at 6:00 p.m.

September 18: Still raining so we drove to Skinner claims. Prospect roads and then proceed to Red Lake to get additional information. Drive back to lodge.

September 19: Fly into Shabumeni Lake. Prospect historic trenches (much more luck this time).

September 20: Fly into East Swain property. Prospect North part of claim.

September 21: Fly into East Swain property. Prospect South part of claim.

September 22: Fly into East Swain property. Prospect Northeast part of claim.

September 23: Drive to Skinner property. Start flagged grid and prospect and humus sample.

September 24: Continue with humus and prospecting on Skinner property.

September 25: Pack up and relocate to Red Lake. Pick up Robert MacDonald, Daniel MacDonald and Regan Isenor at airport in p.m.

September 26: Rain day, can't fly. Look for additional info at mining office.

September 27: Fly into Shabumeni Lake. Prospect historic trenches. Prospect West shore of peninsula.

September 28: Drive to Kabeelo lodge and then proceed to Skinner claims. Continue prospecting and humus sampling along flagged grid.

September 29: Continue prospecting Skinner claims (Raining). Load up gear and drive to Red Lake. Robert MacDonald, Daniel MacDonald and Regan Isenor fly out of Red Lake.

September 30: Jim Forbes and Frank Kidd drive to Thunder Bay.

October 1: Organize samples and fill out sample custody report.

October 2: Drop off samples to assay lab and drive to Hearst.

October 3: Drive to Kirkland Lake and start on project summary.

October 4: Finish project summary.

| Merrex Gold Inc.                      | Red Lake Properties |
|---------------------------------------|---------------------|
| Appendix III                          |                     |
| Samples Descriptions and Assay Certif | īcates              |
|                                       |                     |
|                                       |                     |
|                                       |                     |
|                                       |                     |
|                                       |                     |
|                                       |                     |
|                                       |                     |

Project Area: UCHI AREA

|            |             | Sample               | ( ± 15 m)    | Assays |  |
|------------|-------------|----------------------|--------------|--------|--|
| Sample #   | Sample Type | Location UTM Easting | UTM Northing | Au PPB | Sample Description                                     |
| PREMIER LA | KE          |                      |              |        |  |
| 212501     | Rock Grab   | 520576               | 5671550      | <5     | Silicified volcanic >1% cp - py                        |
| 212502     | Rock Grab   | 520000               | 5671267      | <5     | B.S. 5% sulphides                                      |
| SHABUMEN   | LAKE        |                      | •            |        |  |
| 212503     | Rock Grab   | 526175               | 5686550      | <5     | Quartz vein trace py                                   |
| 212504     | Rock Grab   | 526175               | 5686550      | 41     | Quartz vein 1-2% py-cp                                 |
| 212505     | Rock Grab   | 526175               | 5686550      | 472    | Quartz vein 10% sulphides                              |
| 212506     | Rock Grab   | 526175               | 5686550      | <5     | Quartz vein trace py                                   |
| 212507     | Rock Grab   | 526175               | 5686550      | 5      | Quartz vein 1% py                                      |
| 212508     | Rock Grab   | 526175               | 5686550      | 28     | Sheared wallrock silicified-altered 3% sulphides       |
| 212509     | Rock Grab   | 526175               | 5686550      | 6      | Quartz vein more chlorite, 1% sulphides                |
| 212510     | Rock Grab   | 526175               | 5686550      | 93     | Quartz vein malachite 10% sulphides                    |
| 212511     | Rock Grab   | 526180               | 5686544      | 93     | Sheared quartz veining, 1% py-cp                       |
| 212512     | Rock Grab   | 526180               | 5686544      | <5     | Quartz vein 1% py                                      |
| 212513     | Rock Grab   | 526180               | 5686544      | 89     | Quartz and sheared wallrock 1% py                      |
| 212514     | Rock Grab   | 526180               | 5686544      | 71     | Quartz vein-breccia, 5% sulphides                      |
| 212515     | Rock Grab   | 526180               | 5686544      | 22     | Quartz sheared wallrock, 2% sulphides                  |
| 212516     | Rock Grab   | 526180               | 5686544      | 19     | Quartz vein, 3% sulphides                              |
| 212517     | Rock Grab   | 526180               | 5686544      | 56     | Quartz vein, 3% sulphides                              |
| 212518     | Rock Grab   | 526177               | 5686555      | 8      | Quartz vein rusty                                      |
| 212519     | Rock Grab   | 526177               | 5686562      | 53     | Quartz vein, sheared wallrock, 2% py                   |
| 212520     | Rock Grab   | 526175               | 5686559      | 73     | Quartz vein, 5% sulphides                              |
| 212521     | Rock Grab   | 524286               | 5686344      | 38     | Silicified-volcanic, 50% sulphides                     |
| 212522     | Rock Grab   | 524288               | 5686348      | 17     | Silicified-volcanic, 20% sulphides, sulphide stringers |
| 212523     | Rock Grab   | 524298               | 5686350      | 80     | Rusty sheared material                                 |
| 212524     | Rock Grab   | 524296               | 5686353      | <5     | Rusty rock   |
| 212525     | Rock Grab   | 526319               | 5686430      | 962    | Silicified volcanic, 5% py                             |
| 212526     | Rock Grab   | 526319               | 5686430      | 1259   | Bleached volcanics silicified quartz, 10% sulphides    |
| 212527     | Rock Grab   | 526319               | 5686430      | 1128   | Quartz vein, 5% sulphides                              |
| 212528     | Rock Grab   | 526316               | 5686439      | 958    | Quartz silicified, 10% sulphides                       |
| 212529     | Rock Grab   | 526612               | 5686526      | 4456   | Quartz vein 5% py, 1% cp                               |
| 212530     | Rock Grab   | 526611               | 5686574      | 22184  | Quartz vein, 3% sulphides                              |
| 212531     | Rock Grab   | 526604               | 5686567      | 7474   | Quartz vein, 10% sulphides                             |
| 212532     | Rock Grab   | 526599               | 5686564      | 24399  | Quartz vein, 1 foot wide, 20% sulphides                |
| 212533     | Rock Grab   | 526595               | 5686562      | 384    | Quartz vein, 3% sulphides                              |
| 212534     | Rock Grab   | 526590               | 5686552      | 1504   | Quartz vein, 2% sulphides                              |

Project Area: UCHI AREA

|                      |               | Sample                  | (± 15 m) Assays |        |   |
|----------------------|---------------|-------------------------|-----------------|--------|---|
| Sample # Sample Type |               | Location<br>UTM Easting | UTM<br>Northing | Au PPB | Sample Description                            |
| SHABUMEN             | LAKE          |                         |                 |        |   |
| 212535               | Rock Grab     | 526584                  | 5686548         | 1308   | Quartz vein, 3% sulphides, disseminated moly? |
| 212536               | Rock Grab     | 526574                  | 5686541         | 387    | Quartz vein, trace py                         |
| 212537               | Rock Grab     | 526569                  | 5686537         | 2788   | Quartz vein, 5% sulphides                     |
| 212538               | Rock Grab     | 526572                  | 5686511         | 293    | Rusty quartz, 2% sulphides                    |
| 212539               | Rock Grab     | 526556                  | 5686500         | 6      | Quartz vein, 3% sulphides                     |
| 212540               | Rock Grab     | 526303                  | 5686614         | 52     | Quartz vein, trace py                         |
| 212541               | Rock Grab     | 526008                  | 5686124         | 50     | Monzonite >1% py                              |
| EAST SWAIN           | LAKE          |                         |                 |        |   |
| 212542               | Rock Grab     | 532043                  | 5683317         | <5     | Carbonate-sheared, no sulphides               |
| 212543               | Frost Heave?  | 531093                  | 5682722         | 2390   | Cherty sediments, 10% py                      |
| 212544               | Angular Float | 531099                  | 5682715         | 1255   | Pyroclastic breccia, 10% py                   |
| 212545               | Rock Grab     | 531429                  | 5682783         | 92     | Shear zone, trace py                          |
| 212546               | Rock Grab     | 531542                  | 5682971         | <5     | Carbonate rock, 1% sulphides                  |
| 212547               | Float         | 531986                  | 5683447         | <5     | Rusty quartz stringers, no sulphides          |
| 212548               | Rock Grab     | 531986                  | 5683447         | <5     | Rusty quartz stringers wallrock, no sulphides |
| 212549               | Rock Grab     | 531986                  | 5683444         | <5     | Rusty quartz stringers, no sulphides          |
| 212550               | Rock Grab     | 531986                  | 5683444         | <5     | Rusty wallrock, no sulphides                  |
| 212551               | Rock Grab     | 531988                  | 5683450         | <5     | Rusty quartz-carbonate vein, no sulphides     |
| 212552               | Rock Grab     | 531988                  | 5683450         | <5     | Rusty quartz-carbonate vein, no sulphides     |
| 212553               | Rock Grab     | 531988                  | 5683450         | 2592   | Rusty quartz-carbonate vein, no sulphides     |
| 212554               | Rock Grab     | 531988                  | 5683448         | <5     | Rusty quartz vein, no sulphides               |
| 212555               | Rock Grab     | 531988                  | 5683448         | <5     | Rusty quartz vein, no sulphides               |
| 212556               | Rock Grab     | 531989                  | 5683449         | <5     | Rusty quartz vein, no sulphides               |
| 212557               | Rock Grab     | 531989                  | 5683449         | <5     | Rusty quartz vein, no sulphides               |
| 212558               | Rock Grab     | 531987                  | 5683447         | <5     | Rusty quartz vein, no sulphides               |
| 212559               | Rock Grab     | 531987                  | 5683447         | <5     | Rusty quartz vein, no sulphides               |
| SKINNER              |               |                         |                 |        |   |
| 212560               | Rock Grab     | 506559                  | 5676594         | <5     | Quartz stringer, 1% sulphides                 |
| 212561               | Rock Grab     | 506557                  | 5676592         | <5     | Rusty quartz vein, no sulphides               |
| 212562               | Rock Grab     | 506559                  | 5676590         | <5     | Heavy gossan rock                             |
| SHABUMEN             | LAKE          |                         |                 |        |   |
| 212563               | Rock Grab     | 526597                  | 5686561         | 30395  | Quartz vein-wallrock, 20% sulphides           |
| 212564               | Rock Grab     | 526593                  | 5686561         | 59     | Wallrock 3-5% py                              |
| 212565               | Rock Grab     | 526589                  | 5686548         | 2214   | Quartz vein, 1-2% cp                          |
| 212566               | Rock Grab     | 526590                  | 5686549         | 5488   | Quartz vein, 5% sulphides                     |

Project Area: UCHI AREA

|                        |           | Sample                  | ( ± 15 m)       | Assays   |  |
|------------------------|-----------|-------------------------|-----------------|--|--|
| Sample #   Sample Type |           | Location<br>UTM Easting | UTM<br>Northing | Au PPB   | Sample Description   |
| SHABUMEN               | LAKE      |                         |                 |  |  |
| 212567                 | Rock Grab | 526310                  | 5686429         | 101  | Wallrock, 2-3% sulphides   |
| 212568                 | Rock Grab | 526310                  | 5686429         | 197  | Wallrock, 5-6% sulphides   |
| 212569                 | Rock Grab | 526011                  | 5686124         | 205  | Monzonite, 1-2% py   |
| 212570                 | Rock Grab | 526012                  | 5686123         | 242  | Monzonite, 2-3% py   |
| SKINNER                |           | <u> </u>                |                 |  |  |
| 212571                 | Rock Grab | 506295                  | 5676357         | <5   | Carbonate-ultramafic?, 1% sulphides                              |
| 212572                 | Rock Grab | 506401                  | 5675661         | <5   | Quartz vein, no sulpides   |
| 212573                 | Rock Grab | 506305                  | 5675804         | <5   | Quartz veins, no sulphides                                       |
| 212574                 | Rock Grab | 506604                  | 5676466         | <5   | Silicified volcanic? Intermediate?, 1-2% py                      |
| 212575                 | Rock Grab | 506604                  | 5676466         | <5   | Silicified volcanic? Intermediate?, quartz stringer 2% sulphides |
| 212576                 | Rock Grab | 506604                  | 5676466         | <5   | Silicified volcanic? Intermediate?, 5% sulphides                 |
| 212577                 | Rock Grab | 506555                  | 5676542         | 12   | Silicified volcanic sheared, 2% sulphides                        |
| 212578                 | Rock Grab | 506548                  | 5676565         | <5   | Silicified volcanic, 2% sulphides                                |
| 212579                 | Rock Grab | 506548                  | 5676565         | 373  | Silicified volcanic, 2% sulphides                                |
| 212580                 | Rock Grab | 506548                  | 5676565         | 16   | Silicified volcanic, 1-2% sulphides                              |
| 212581                 | Rock Grab | 506548                  | 5676565         | 77   | Silicified volcanic, 10% sulphides                               |
|                        |           |                         |                 |  |  |
|                        |           |                         |                 |  |  |
|                        |           |                         |                 |  |  |
|                        |           |                         |                 |  |  |
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## Certificate of Analysis

Thursday, October 12, 2006

Clark Consulting 1000 Alloy Dr. Thunder Bay, ON, CA

P7A6G5

Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@tbaytel.net Date Received : 02-Oct-06 Date Completed : 12-Oct-06 Job # 200642140

Reference: J. Forbes Mercex

Sample #: 81

Core

|              |           | Au  | Au      | Au        |
|--------------|-----------|-----|---------|-----------|
| Accurassay # | Client Id | ppb | oz/t    | g/t (ppm) |
| 119795       | 212501    | <5  | < 0.001 | < 0.005   |
| 119796       | 212502    | <5  | < 0.001 | < 0.005   |
| 119797       | 212503    | <5  | < 0.001 | < 0.005   |
| 119798       | 212504    | 41  | 0.001   | 0.041     |
| 119799       | 212505    | 472 | 0.014   | 0.472     |
| 119800       | 212506    | <5  | < 0.001 | < 0.005   |
| 119801       | 212507    | 5   | < 0.001 | 0.005     |
| 119802       | 212508    | 28  | < 0.001 | 0.028     |
| 119803       | 212509    | 6   | < 0.001 | 0.006     |
| 119804       | 212510    | 98  | 0.003   | 0.098     |
| 119805 Check | 212510    | 88  | 0.003   | 0.088     |
| 119806       | 212511    | 93  | 0.003   | 0.093     |
| 119807       | 212512    | <5  | < 0.001 | < 0.005   |
| 119808       | 212513    | 89  | 0.003   | 0.089     |
| 119809       | 212514    | 71  | 0.002   | 0.071     |
| 119810       | 212515    | 22  | < 0.001 | 0.022     |
| 119811       | 212516    | 19  | < 0.001 | 0.019     |
| 119812       | 212517    | 56  | 0.002   | 0.056     |
| 119813       | 212518    | 8   | < 0.001 | 0.008     |
| 119814       | 212519    | 53  | 0.002   | 0.053     |
| 119815       | 212520    | 62  | 0.002   | 0.062     |
| 119816 Check | 212520    | 83  | 0.002   | 0.083     |
| 119817       | 212521    | 38  | 0.001   | 0.038     |

PROCEDURE CODES: AL4AUS

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Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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Thursday, October 12, 2006

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Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@tbaytel.net

Date Received: 02-Oct-06 Date Completed: 12-Oct-06

Job # 200642140 Reference: J. Forbes

Sample #: 81 Core

| Accurassay # | ,       | Client Id | Au    | Au      | Au        |
|--------------|---------|-----------|-------|---------|-----------|
| -            |         |           | ppb   | oz/t    | g/t (ppm) |
| 119818       |         | 212522    | 17    | < 0.001 | 0.017     |
| 119819       | 2       | 212523    | 80    | 0.002   | 0.080     |
| 119820       | 2       | 212524    | <5    | < 0.001 | < 0.005   |
| 119821       | 2       | 212525    | 962   | 0.028   | 0.962     |
| 119822       | 2       | 212526    | 1259  | 0.037   | 1.259     |
| 119823       | 2       | 212527    | 1128  | 0.033   | 1.128     |
| 119824       | 2       | 212528    | 958   | 0.028   | 0.958     |
| 119825       | 2       | 212529    | 4456  | 0.130   | 4.456     |
| 119826       | :       | 212530    | 23964 | 0.699   | 23.964    |
| 119827       | Check 2 | 212530    | 20404 | 0.595   | 20.404    |
| 119828       | :       | 212531    | 7474  | 0.218   | 7.474     |
| 119829       | :       | 212532    | 24399 | 0.712   | 24.399    |
| 119830       | :       | 212533    | 384   | 0.011   | 0.384     |
| 119831       | :       | 212534    | 1504  | 0.044   | 1.504     |
| 119832       |         | 212535    | 1308  | 0.038   | 1.308     |
| 119833       |         | 212536    | 387   | 0.011   | 0.387     |
| 119834       |         | 212537    | 2788  | 0.081   | 2.788     |
| 119835       |         | 212538    | 293   | 0.009   | 0.293     |
| 119836       |         | 212539    | 6     | < 0.001 | 0.006     |
| 119837       |         | 212540    | 40    | 0.001   | 0.040     |
| 119838       | Check   | 212540    | 63    | 0.002   | 0.063     |
| 119839       |         | 212541    | 50    | 0.001   | 0.050     |
| 119840       |         | 212542    | <5    | < 0.001 | < 0.005   |
|              |         |           |       |         |           |

PROCEDURE CODES: AL4AU3

Page 2 of 4

Certified By:

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Thunder Bay, ON, CA

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Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@tbaytel.net

Date Received: 02-Oct-06 Date Completed: 12-Oct-06

Job # 200642140 Reference: J. Forbes

Sample #: 81

Core

| Accurassay # | Client Id | Au<br>ppb | Au<br>oz/t | Au<br>g/t (ppm) |  |
|--------------|-----------|-----------|------------|-----------------|--|
| 119841       | 212543    | 2390      | 0.070      | 2.390           |  |
| 119842       | 212544    | 1255      | 0.037      | 1.255           |  |
| 119843       | 212545    | 92        | 0.003      | 0.092           |  |
| 119844       | 212546    | 9         | < 0.001    | 0.009           |  |
| 119845       | 212547    | <5        | < 0.001    | < 0.005         |  |
| 119846       | 212548    | <5        | < 0.001    | < 0.005         |  |
| 119847       | 212549    | <5        | < 0.001    | < 0.005         |  |
| 119848       | 212550    | <5        | < 0.001    | < 0.005         |  |
| 119849 Check | 212550    | <5        | < 0.001    | <0.005          |  |
| 119850       | 212551    | <5        | < 0.001    | < 0.005         |  |
| 119851       | 212552    | <5        | < 0.001    | < 0.005         |  |
| 119852       | 212553    | <5        | < 0.001    | < 0.005         |  |
| 119853       | 212554    | 2592      | 0.076      | 2.592           |  |
| 119854       | 212555    | <5        | < 0.001    | < 0.005         |  |
| 119855       | 212556    | <5        | < 0.001    | < 0.005         |  |
| 119856       | 212557    | <5        | < 0.001    | < 0.005         |  |
| 119857       | 212558    | <5        | < 0.001    | < 0.005         |  |
| 119858       | 212559    | <5        | < 0.001    | < 0.005         |  |
| 119859       | 212560    | <5        | < 0.001    | < 0.005         |  |
| 119860 Check | 212560    | <5        | < 0.001    | < 0.005         |  |
| 119861       | 212561    | <5        | < 0.001    | < 0.005         |  |
| 119862       | 212562    | <5        | < 0.001    | < 0.005         |  |
| 119863       | 212563    | 30395     | 0.887      | 30.395          |  |

PROCEDURE CODES: AL4AU3

Certified By

Derek Demianiuk H.Bsc., Laboratory Manager

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Clark Consulting 1000 Alloy Dr. Thunder Bay, ON, CA

P7A6G5

Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@tbaytel.net

Date Received: 02-Oct-06 Date Completed: 12-Oct-06

Job # 200642140 Reference: J. Forbes

Sample #: 81

Core

| Accurassay # | Client Id | Au<br>ppb | Au<br>oz/t | Au<br>g/t (ppm) |
|--------------|-----------|-----------|------------|-----------------|
| 119864       | 212564    | 59        | 0.002      | 0.059           |
| 119865       | 212565    | 2214      | 0.065      | 2.214           |
| 119866       | 212566    | 5488      | 0.160      | 5.488           |
| 119867       | 212567    | 101       | 0.003      | 0.101           |
| 119868       | 212568    | 197       | 0.006      | 0.197           |
| 119869       | 212569    | 205       | 0.006      | 0.205           |
| 119870       | 212570    | 253       | 0.007      | 0.253           |
| 119871 Check | 212570    | 230       | 0.007      | 0.230           |
| 119872       | 212571    | <5        | < 0.001    | < 0.005         |
| 119873       | 212572    | <5        | < 0.001    | < 0.005         |
| 119874       | 212573    | <5        | < 0.001    | < 0.005         |
| 119875       | 212574    | <5        | < 0.001    | <0.005          |
| 119876       | 212575    | <5        | < 0.001    | < 0.005         |
| 119877       | 212576    | <5        | < 0.001    | < 0.005         |
| 119878       | 212577    | 12        | < 0.001    | 0.012           |
| 119879       | 212578    | <5        | < 0.001    | < 0.005         |
| 119880       | 212579    | 373       | 0.011      | 0.373           |
| 119881       | 212580    | 21        | < 0.001    | 0.021           |
| 119882 Check | 212580    | 10        | < 0.001    | 0.010           |
| 119883       | 212581    | 77        | 0.002      | 0.077           |

PROCEDURE GODES: AL4AU3

Certified By

Derek Demianiuk H.Bsc., Laboratory Manager

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# **Certificate of Analysis**

Thursday, October 26, 2006

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Thunder Bay, ON, C

P7A6G5

Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@tbaytel.net Date Received : 02-Oct-06 Date Completed : 20-Oct-06

Job # 200642141 Reference : J. Forbes

Sample #: 98

Humus

| Accurassay # | Client Id | Au<br>ppb | Au<br>oz/t | Au<br>g/t (ppm) |  |
|--------------|-----------|-----------|------------|-----------------|--|
| 119884       | BL0       |           | No Sample  |                 |  |
| 119885       | BL-100W   | <5        | < 0.001    | < 0.005         |  |
| 119886       | L0+025N   |           | No Sample  |                 |  |
| 119887       | L0+050N   | <5        | < 0.001    | < 0.005         |  |
| 119888       | L0+075N   | <5        | < 0.001    | < 0.005         |  |
| 119889       | L0+450N   | 6         | <0.001     | 0.006           |  |
| 119890       | L0+475N   | <5        | < 0.001    | < 0.005         |  |
| 119891       | L0+025S   | <5        | < 0.001    | < 0.005         |  |
| 119892       | L0+050S   | <5        | < 0.001    | < 0.005         |  |
| 119893       | L0+075S   | <5        | < 0.001    | < 0.005         |  |
| 119894 Check | L0+075S   | <5        | < 0.001    | < 0.005         |  |
| 119895       | L0+100S   | <5        | < 0.001    | < 0.005         |  |
| 119896       | L0+125S   |           | No Sample  |                 |  |
| 119897       | L0+150S   | <5        | < 0.001    | < 0.005         |  |
| 119898       | L0+175S   | <5        | < 0.001    | < 0.005         |  |
| 119899       | L0+200S   | <5        | < 0.001    | < 0.005         |  |
| 119900       | L0+300S   | <5        | < 0.001    | < 0.005         |  |
| 119901       | L0+325S   |           | No Sample  |                 |  |
| 119902       | L0+350S   | <5        | < 0.001    | < 0.005         |  |
| 119903       | L0+375S   |           | No Sample  |                 |  |
| 119904       | L0+425S   |           | No Sample  |                 |  |
| 119905 Check | L0+425S   | <5        | < 0.001    | < 0.005         |  |
| 119906       | L0+475S   | <5        | < 0.001    | < 0.005         |  |

PROCEDURE CODES: AL4AU3

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Thursday, October 26, 2006

Clark Consulting 1000 Alloy Dr. Thunder Bay, ON, CA

P7A6G5

Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@thaytel.net

Date Received: 02-Oct-06 Date Completed: 20-Oct-06

Job # 200642141 Reference: J. Forbes

| Sample #: 98 | Humus |
|--------------|-------|
|--------------|-------|

| Accurassay # | Client Id | Au<br>ppb | Au<br>oz/t | Au<br>g/t (ppm) |
|--------------|-----------|-----------|------------|-----------------|
| 119907       | L0+500S   | <5        | < 0.001    | <0.005          |
| 119908       | L0+525S   | <5        | < 0.001    | < 0.005         |
| 119909       | L0+575S   | <5        | < 0.001    | < 0.005         |
| 119910       | L1W+100N  |           | No Sample  |                 |
| 119911       | L1W+125N  |           | No Sample  |                 |
| 119912       | L1W+150N  |           | No Sample  |                 |
| 119913       | L1W+250N  |           | No Sample  |                 |
| 119914       | L1W+300N  |           | No Sample  |                 |
| 119915       | L1W+025S  |           | No Sample  |                 |
| 119916 Check | L1W+025S  |           | No Sample  |                 |
| 119917       | L1W+050S  |           | No Sample  |                 |
| 119918       | L1W+075S  |           | No Sample  |                 |
| 119919       | L1W+100S  |           | No Sample  |                 |
| 119920       | L1W+125S  | <5        | < 0.001    | < 0.005         |
| 119921       | L1W+150S  |           | No Sample  |                 |
| 119922       | L1W+175S  |           | No Sample  |                 |
| 119923       | L1W+200S  |           | No Sample  |                 |
| 119924       | L1W+225S  |           | No Sample  |                 |
| 119925       | L1W+250S  | <5        | < 0.001    | < 0.005         |
| 119926       | L1W+275S  |           | No Sample  |                 |
| 119927 Check | L1W+275S  |           | No Sample  |                 |
| 119928       | L1W+300S  |           | No Sample  |                 |
| 119929       | L1W+325S  |           | No Sample  |                 |

PROCEDURE SQDES: AL4AU3

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Clark Consulting 1000 Alloy Dr.

Thunder Bay, ON, CA

P7A6G5

Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjelark@tbaytel.net Date Received : 02-Oct-06 Date Completed : 20-Oct-06

Job # 200642141 Reference : J. Forbes

Sample #: 98

Humus

| Accurace av # | Client Id | Au  | Au        | Au        |
|---------------|-----------|-----|-----------|-----------|
| Accurassay #  |           | ppb | oz/t      | g/t (ppm) |
| 119930        | L1W+350S  |     | No Sample |           |
| 119931        | L1W+375S  |     | No Sample |           |
| 119932        | L1W+450S  |     | No Sample |           |
| 119933        | L1W+500S  |     | No Sample |           |
| 119934        | L1W+550S  | <5  | < 0.001   | < 0.005   |
| 119935        | L1W+575S  |     | No Sample |           |
| 119936        | L1W+600S  |     | No Sample |           |
| 119937        | L1W+625S  |     | No Sample |           |
| 119938 Check  | L1W+625S  |     | No Sample |           |
| 119939        | L1W+650S  | <5  | < 0.001   | < 0.005   |
| 119940        | L1W+675S  | <5  | < 0.001   | < 0.005   |
| 119941        | L1W+725S  | <5  | < 0.001   | < 0.005   |
| 119942        | L2W+050S  | 437 | 0.013     | 0.437     |
| 119943        | L2W+150S  | <5  | < 0.001   | < 0.005   |
| 119944        | L2W+200S  | 42  | 0.001     | 0.042     |
| 119945        | L2W+350S  | <5  | < 0.001   | < 0.005   |
| 119946        | L2W+450S  | <5  | < 0.001   | < 0.005   |
| 119947        | L2W+500S  | <5  | < 0.001   | < 0.005   |
| 119948        | L2W+050N  | <5  | < 0.001   | < 0.005   |
| 119949 Check  | L2W+050N  | <5  | < 0.001   | <0.005    |
| 119950        | L2W+075N  |     | No Sample |           |
| 119951        | L2W+100N  | 85  | 0.002     | 0.085     |
| 119952        | L2W+125N  |     | No Sample |           |

PROCEDURE CODES: AL4AU3

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Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@tbaytel.net

Date Received: 02-Oct-06 Date Completed: 20-Oct-06

Job # 200642141 Reference: J. Forbes

Sample #: 98 Humus

|              |            |       | Δ         | Au        | Δ.,             |
|--------------|------------|-------|-----------|-----------|-----------------|
| Accurassay # | Client     | ld    | Au<br>ppb |           | Au<br>g/t (ppm) |
| 119953       | L2W+       | 150N  | <5        | <0.001    | <0.005          |
| 119954       | L2W+       | 175N  |           | No Sample |                 |
| 119955       | L2W+2      | 200N  | <5        | < 0.001   | < 0.005         |
| 119956       | L2W+       | 400N  | <5        | < 0.001   | < 0.005         |
| 119957       | L2W+       | 425N  |           | No Sample |                 |
| 119958       | L2W+       | 450N  | <5        | <0.001    | < 0.005         |
| 119959       | L2W+       | 475N  |           | No Sample |                 |
| 119960       | Check L2W+ | 475N  |           | No Sample |                 |
| 119961       | L2W+       | 500N  | <5        | < 0.001   | < 0.005         |
| 119962       | L2W+       | 600N  | <5        | < 0.001   | < 0.005         |
| 119963       | L2W+       | 625N  |           | No Sample |                 |
| 119964       | L2W+       | 650N  | <5        | < 0.001   | < 0.005         |
| 119965       | L2W+       | 675N  |           | No Sample |                 |
| 119966       | L2W+       | 700N  | <5        | < 0.001   | < 0.005         |
| 119967       | L2W+       | 750N  | <5        | < 0.001   | < 0.005         |
| 119968       | L3W+       | -100S | <5        | < 0.001   | < 0.005         |
| 119969       | L3W+       | -125S |           | No Sample |                 |
| 119970       | L3W+       | -150S | <5        | < 0.001   | < 0.005         |
| 119971       | Check L3W+ | -150S | <5        | < 0.001   | < 0.005         |
| 119972       | L3W+       | -175S |           | No Sample |                 |
| 119973       | L3W+       | -200S | <5        | < 0.001   | < 0.005         |
| 119974       | L3W+       | -350S | <5        | < 0.001   | < 0.005         |
| 119975       | L3W-       | +500S | <5        | < 0.001   | < 0.005         |

PROCEDURE CODES: AL4AU3

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Clark Consulting 1000 Alloy Dr.

Thunder Bay, ON, CA

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Ph#: (807) 622-3284 Fax#: (807) 622-4156 Email gjclark@tbaytel.net Date Received: 02-Oct-06 Date Completed: 20-Oct-06

> Job # 200642141 Reference : J. Forbes

Sample #: 98

Humus

| Accurassay # | Client Id | Au<br>ppb | Au<br>oz/t | Au<br>g/t (ppm) |
|--------------|-----------|-----------|------------|-----------------|
| 119976       | L3W+600S  | <5        | < 0.001    | < 0.005         |
| 119977       | L3W+625S  |           | No Sample  |                 |
| 119978       | L3W+650S  | <5        | < 0.001    | < 0.005         |
| 119979       | L3W+675S  |           | No Sample  |                 |
| 119980       | L3W+700S  | <5        | < 0.001    | < 0.005         |
| 119981       | L3W+050N  | <5        | < 0.001    | < 0.005         |
| 119982 Check | L3W+050N  | <5        | < 0.001    | < 0.005         |
| 119983       | L3W+075N  |           | No Sample  |                 |
| 119984       | L3W+100N  | <5        | < 0.001    | < 0.005         |
| 119985       | L3W+125N  |           | No Sample  |                 |
| 119986       | L3W+150N  | <5        | < 0.001    | < 0.005         |
| 119987       | L3W+175N  |           | No Sample  |                 |
| 119988       | L3W+200N  | <5        | < 0.001    | < 0.005         |
| 119989       | L3W+225N  |           | No Sample  |                 |
| 119990       | L3W+250N  | <5        | < 0.001    | < 0.005         |

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**Red Lake Properties** 

Appendix IV
Traverse and Sample sites

| Merrex Gold Inc. |  | Red Lake Properties |
|------------------|--|---------------------|
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  | Appendix IV<br>Traverse and Sample sites |                     |
|                  | Traverse and Cample sites                |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |
|                  |  |                     |

## **HUMUS SAMPLE DESCRIPTION SHEET**

| SAMPLE LOCATION    | AU PPB         | SAMPLE DESCRIPTION   |
|--------------------|----------------|--|
| BL-100W            | <5             |  |
| L0+050N            | <5             |  |
| L0+075N            | <5             | DARK BLACK ORGANIC MATTER  |
| L0+450N            | 6              | The state of the s |
| L0+475N            | <5             | DARK BLACK ORGANIC MATTER  |
| L0+025S            | <5             | DARK BLACK ORGANIC MATTER  |
| L0+050S            | <5             | DARK BLACK ORGANIC MATTER  |
| L0+075S            | <5             | DARK BLACK ORGANIC MATTER  |
| L0+075S            | <5<br><5       | DARK BLACK ORGANIC MATTER  |
| L0+100S            | <5<br><5       | DARK BLACK ORGANIC MATTER  |
| L0+150S            |                | DARK BLACK ORGANIC MATTER  |
| L0+175S            | <5             | DARK BLACK ORGANIC MATTER DARK BLACK ORGANIC MATTER  |
| L0+200S            | <5             |  |
| L0+300S            | <5             | DARK BLACK ORGANIC MATTER DARK BLACK ORGANIC MATTER  |
| L0+350S            | <5             | DARK BLACK ORGANIC MATTER  DARK BLACK ORGANIC MATTER   |
| L0+425S<br>L0+475S | <5<br><5       | DARK BLACK ORGANIC MATTER  DARK BLACK ORGANIC MATTER   |
| L0+500S            | <5<br><5       | DARK BLACK ORGANIC MATTER  DARK BLACK ORGANIC MATTER   |
| L0+525S            | <5<br><5       | DARK BLACK ORGANIC MATTER  DARK BLACK ORGANIC MATTER   |
| L0+575S            | <u></u>        | DARK BLACK ORGANIC MATTER  DARK BLACK ORGANIC MATTER   |
| L1W+125S           | <5<br><5       | DARK BLACK ORGANIC MATTER  DARK BLACK ORGANIC MATTER   |
| L1W+250S           |                | DARK BLACK ORGANIC MATTER  DARK BLACK ORGANIC MATTER   |
| L1W+550S           |                | DARK BLACK ORGANIC MATTER  |
| L1W+650S           |                | DARK BLACK ORGANIC MATTER  |
| L1W+675S           |                | DARK BLACK ORGANIC MATTER  |
| L1W+725S           | <5<br><5       | DARK BLACK ORGANIC MATTER  |
| L2W+050S           | 437            | DARK BLACK ORGANIC MATTER  |
| L2W+150S           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+200S           | 42             | DARK BLACK ORGANIC MATTER  |
| L2W+350S           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+450S           | <5<br><5       | DARK BLACK ORGANIC MATTER  |
| L2W+500S           | <del> </del>   | DARK BLACK ORGANIC MATTER  |
| L2W+050N           | <del>\</del> 5 | DARK BLACK ORGANIC MATTER  |
| L2W+050N           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+100N           | 85             | DARK BLACK ORGANIC MATTER  |
| L2W+150N           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+200N           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+400N           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+450N           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+500N           | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+600N           | <5             | DARK BLACK ORGANIC MATTER  |
| 2W+700N            | <5             | DARK BLACK ORGANIC MATTER  |
| L2W+750N           | <5             | DARK BLACK ORGANIC MATTER  |
| L3W+100S           | <5             | DARK BLACK ORGANIC MATTER  |
| _3W+150S           | <5             | DARK BLACK ORGANIC MATTER  |
| -3W+150S           | <5             | DARK BLACK ORGANIC MATTER  |
|                    |                |  |

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| L3W+200S | <5 | DARK BLACK ORGANIC MATTER |
|----------|----|---------------------------|
| L3W+350S | <5 | DARK BLACK ORGANIC MATTER |
| L3W+500S | <5 | DARK BLACK ORGANIC MATTER |
| L3W+600S | <5 | DARK BLACK ORGANIC MATTER |
| L3W+650S | <5 | DARK BLACK ORGANIC MATTER |
| L3W+700S | <5 | DARK BLACK ORGANIC MATTER |
| L3W+050N | <5 | DARK BLACK ORGANIC MATTER |
| L3W+050N | <5 | DARK BLACK ORGANIC MATTER |
| L3W+100N | <5 | DARK BLACK ORGANIC MATTER |
| L3W+150N | <5 | DARK BLACK ORGANIC MATTER |
| L3W+200N | <5 | DARK BLACK ORGANIC MATTER |
| L3W+250N | <5 | DARK BLACK ORGANIC MATTER |

