

2004 Summer Program Report  
on the  
Gold Standard Property  
July 2004

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Kenora Mining Division  
NW Ontario

NTS: 52F/3

Prepared for:

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## **Summary**

The current report summarizes the results of a summer field exploration program on the Gold Standard property centrally located over Neilson Lake in NTS Sheet 52 F/03 completed on behalf of Temex Resources Corporation. The property contains the historic Gold Standard showing.

The 2004 field program consisted of traverse mapping, prospecting, detailed mapping and channel sampling of the Gold Standard showing and the new Roadside North showing, and reconnaissance soil sampling.

No significant mineralization or alteration was identified outside of the two showings. No gold anomalies were delineated by the soil sampling, although low silver values may reflect undiscovered gold mineralization.

Detailed mapping and channel sampling of the two showings obtained anomalous to high grade gold values.

Within the Gold Standard showing, the gold occurs in highly deformed quartz veins ranging in width up to 1.5m. The gold occurs in large, poorly distributed pyrite-chalcopyrite clots ranging in diameter up to 10 cm and the width and strike length potential of the showing appears to be limited. The Roadside North showing consists of narrow, deformed veins ranging in width up to 10 cm and no strike extension potential was identified during the current program.

No additional work is recommended to Temex Resources Corporation as a result of the current program.

## **1.0 Introduction and Terms of Reference**

### **1.1 *Introduction***

The following preliminary report outlines the work completed on the Gold Standard Property, including results to date and preliminary conclusions. The property, currently under option to Temex Resources Corporation (“Temex”) by Robert Fairservice (“Fairservice”), was worked by a four-person crew July 1-8, 2004.

### **1.2 *Terms of Reference***

The current report satisfies part of the range of services currently being provided by the writer to Temex Resources Corporation as outlined in a 15 March 2004 summary letter to J.W. Patrick Lengyel. The range of services includes designing, implementing, and supervising the summarized mapping and sampling program and generating interim and final reports on the project. The report is being prepared as part of the reporting requirements necessary to file for assessment credit with the Ontario Ministry of Mines and to satisfy reporting requirements with the property vendor, R. Fairservice.

The majority of the information and technical data contained in the report has either been generated during a pre-field program compilation effort by Temex, by the summer program, or by subsequent analysis by laboratories and technical specialists. The writer was on site for 100% of the field program. Regular verbal reports were made to Temex representatives and a preliminary report was prepared following receipt of the majority of the laboratory results (Lengyel, 2004). Sample shipments were hand-delivered to the transport company by a member of the field crew. All geochemical analyses have been tracked and reviewed by the writer. All technical reporting has been reviewed and, where necessary, edited by the writer.

Map projections are in UTM, North American Datum 83, Zone 15 or local metric grid (“MG”). Contractions are “m” = meters, “km” = kilometers, “g/t” = grams per short ton, and “g/T” is grams per metric tonne.

## **2.0 Disclaimer**

The following report relies on previous government and industry mapping to provide geological context within and surrounding the property. Extrapolation within and beyond the property boundaries was facilitated by incorporating previous geological mapping and by geophysical interpretation of government airborne magnetometer data. While the work performed during the current program meets or exceeds industry and government regulations, the accuracy of the historic data cannot be guaranteed.

Also, digital data provided to the writer, particularly scanned geological maps, have a plotting error of 10's of meters to potentially 100's of meters due to the Nad 27 – Nad 83 shift. While all sample locations are correct by GPS, map diagrams showing topography may be out.

### 3.0 Property Location and Description

#### 3.1 Property Location

The Gold Standard property is located in northwest Ontario between Dryden and Fort Frances (**Figure 1**). The property covers Archean Wabigoon Subprovince rocks in the Manitou-Stormy Lakes greenstone belt and occurs within NTS topographic map 52F/03.

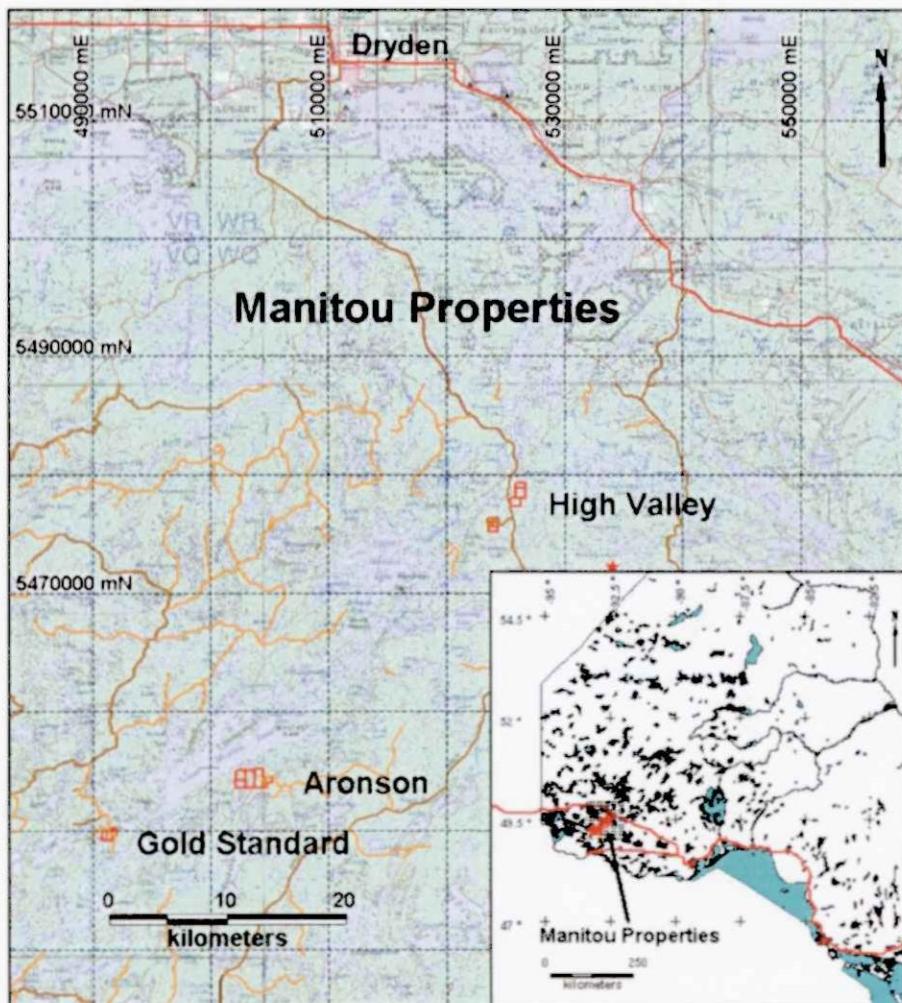


Figure 1 - General Location

### **3.2 Property Description**

The Gold Standard property occurs in the Kenora Mining District within claim map G-2690. The property is comprised of 10 claims totalling 62 units (**Table 1**).

The property is surrounded by Harris Lake to the northwest, Flossie Lake to the northeast and Grant Lake to the south. Napanee Lake runs through the western most claim. Neilson Lake is situated approximately in the middle of the claims (**Figure 2**).

**Table 1 - Detailed Claim Data**

Township/Area	G-Plan	Claim	Units	Acres	Recording Date	Claim Due Date	Recorded Holder	%
NAPANEE LAKE	G-2690	1220753	1	40	2003-Oct-23	2005-Oct-23	Fairservice	100%
NAPANEE LAKE	G-2690	1221316	2	80	2003-Oct-23	2005-Oct-23	Fairservice	100%
NAPANEE LAKE	G-2690	1248203	2	80	2003-Apr-30	2005-Apr-30	Fairservice	100%
NAPANEE LAKE	G-2690	1248204	2	80	2003-May-12	2005-May-12	Fairservice	100%
NAPANEE LAKE	G-2690	3004697	12	480	2004-Mar-12	2006-Mar-12	Temex	100%
NAPANEE LAKE	G-2690	3004698	16	640	2004-Mar-12	2006-Mar-12	Temex	100%
NAPANEE LAKE	G-2690	3004699	14	560	2004-Mar-12	2006-Mar-12	Temex	100%
NAPANEE LAKE	G-2690	3004700	1	40	2004-Mar-12	2006-Mar-12	Temex	100%
NAPANEE LAKE	G-2690	3004701	2	80	2004-Mar-12	2006-Mar-12	Temex	100%
NAPANEE LAKE	G-2690	3004702	10	400	2004-Mar-12	2006-Mar-12	Temex	100%
			<b>62</b>	<b>2480</b>				

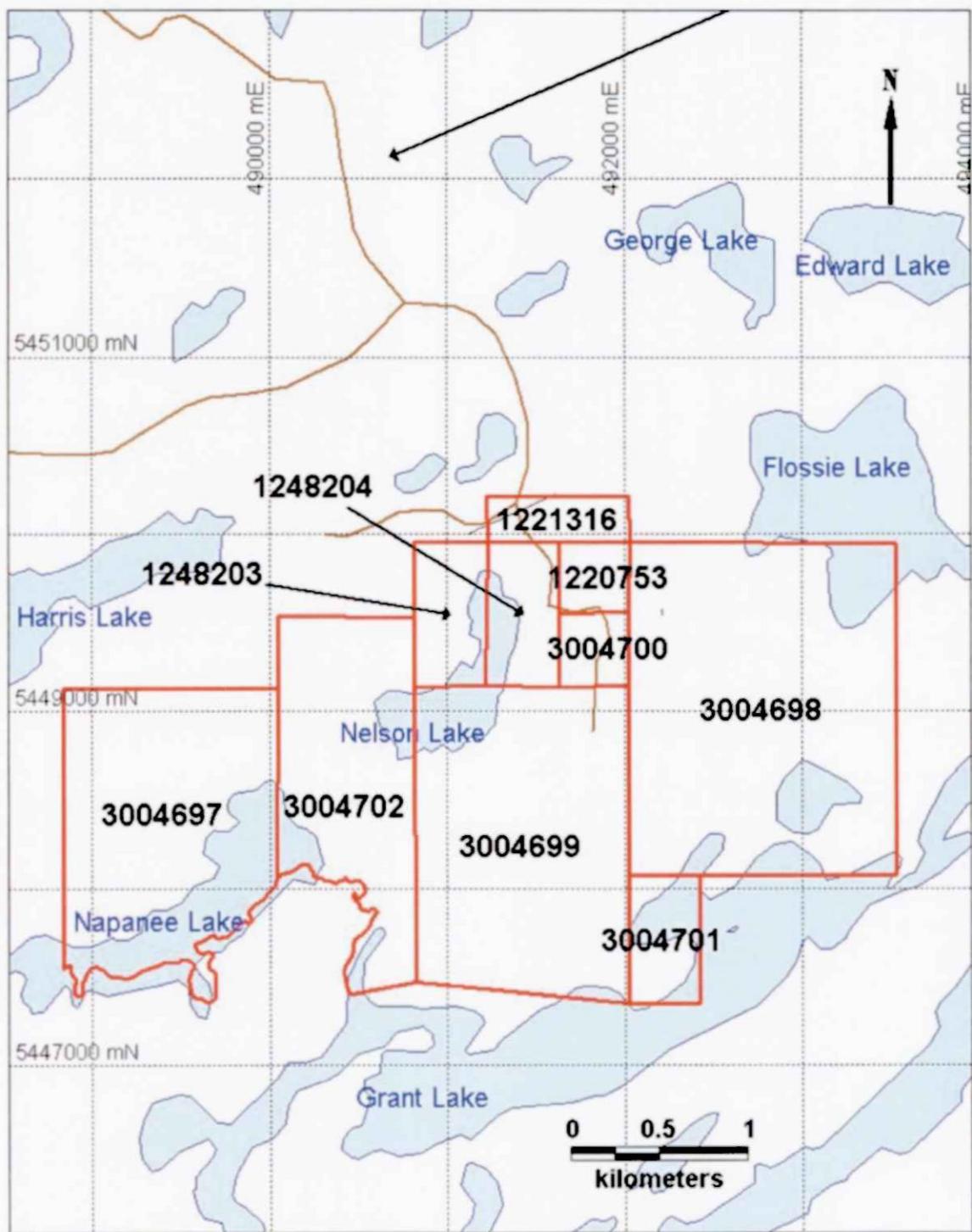


Figure 2 - Claim Sketch

## **4.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography**

The information presented below was sourced from the City of Dryden Community Profile Website on December 6, 2004: (<http://www.cityofdryden.on.ca/profile.shtml>)

### **4.1 Accessibility**

The Gold Standard Property can be accessed indirectly off of Highway 502 approximately 116 kilometers south of Dryden. From there, traveling in a northwest direction on Cedar Narrows Logging Road approximately 53 kilometers, then approximately 13 kilometers east on East Penasi Road, the property is located approximately another 8 kilometers south on Syndicate Lake Road (**Figure 3**).

The logging roads can be traversed with a four wheel drive vehicles to within 400 meters of the north end of Neilson Lake. Access to the northern and eastern claims was via logging roads from a camp set up at Crossing Lake to Neilson Lake. Access to the southern and western claims was by canoe on Neilson Lake.

### **4.2 Climate**

The annual climate trends for the Dryden area are summarized in the following table:

**Table 2 - Dryden Annual Climate:**

	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Avg. Temp (°C)</b>	-18	-14	-7	3	11	16	19	17	11	4	-5	-15
<b>Precipitation (mm)</b>	0.1	1	8	28	66	105	118	86	95	49	11	0

Source: Canadian Climate Normals or Averages 1971 – 2000  
([http://www.climate.weatheroffice.ec.gc.ca/climate\\_normals/index\\_e.html](http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html))

### **4.3 Local Resources**

Dryden is home to Weyerhaeuser Dryden Mill, a pulp, paper and lumber mill, which employs over 1300 people. The mill provides economic stability to Dryden.

### **4.4 Infrastructure**

**Dryden households:** The total population of Dryden, as of 1998, was approximately 8,500.

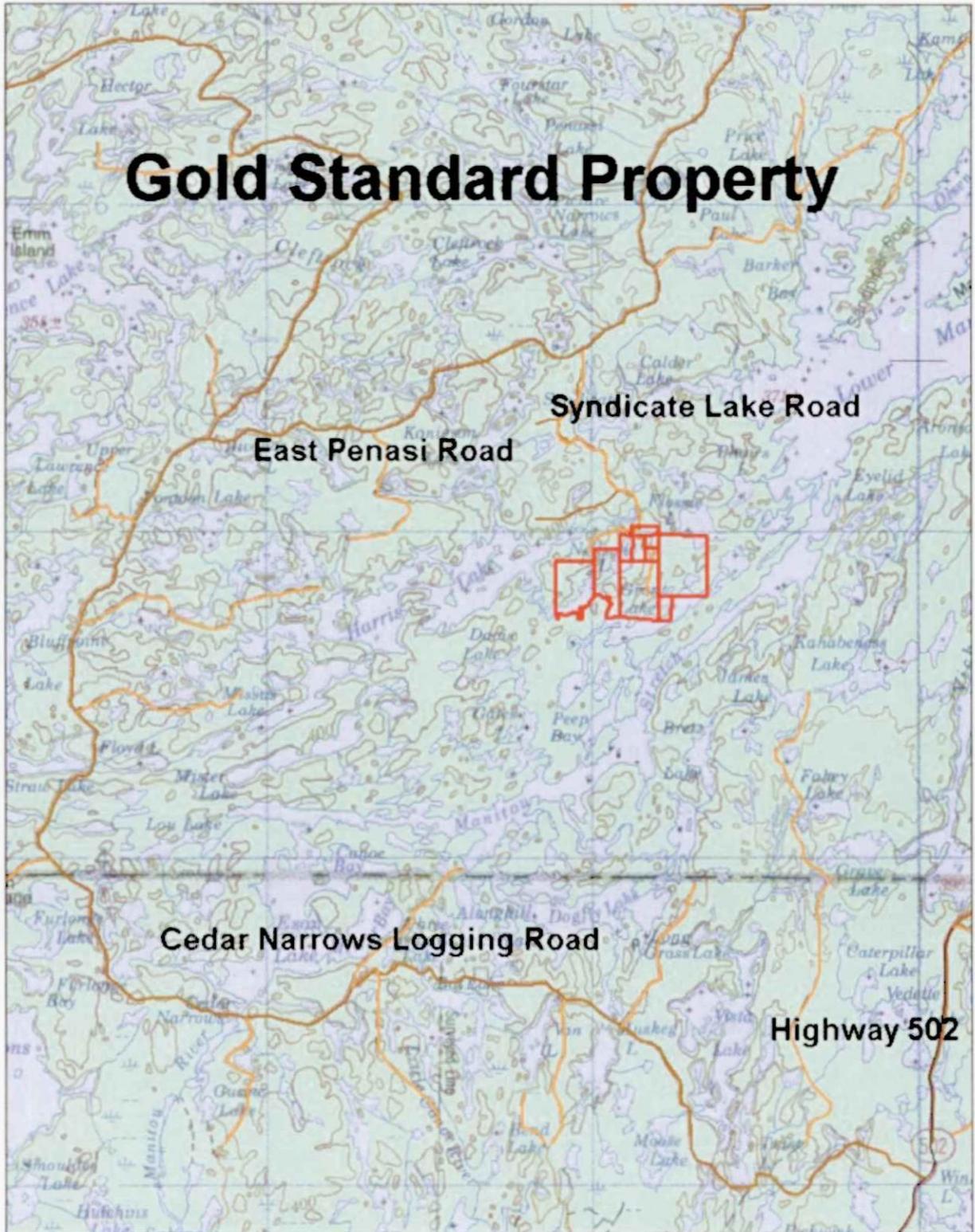


Figure 3 - Local Access

## **Emergency Services:**

### **Fire**

The Dryden Fire Department consists of a Fire Chief and Fire Prevention Officer as well as 30 volunteers.

### **Police**

Dryden relies on both the Ontario Provincial Police and the Municipal Police Service to protect their city. The Municipal Police Service employs a Chief of Police and Deputy Chief, along with 15 officer and 8 civilians. The city has 911 emergency service.

### **Medical**

Medical support can be obtained from one of three medical clinics and the local hospital. The hospital was currently renovated and now hosts 61 beds.

## **Community Services:**

### **Airport**

The City of Dryden owns and operates Dryden Regional Airport. The Airport has flights daily to Winnipeg, Manitoba and Thunder Bay, Ontario, where passengers can connect to flights all over Canada and the United States. It also offers flights to Red Lake, Sioux Lookout, Kenora, and Fort Frances.

### **Hydro**

The city of Dryden is supplied with electricity from Dryden Hydro Electric Commission which has the ability to produce 18 megawatts of power.

### **Telephone**

The City of Dryden owns and operates Dryden Municipal Telephone system. Dryden also provides cellular mobility phone services.

### **Water**

Water is pumped in from Wabigoon Lake, is treated in a local, up-to-date facility, and is then supplied to the city through Municipal Waterworks Utility.

### **Schools**

Dryden has 4 elementary schools which teach kindergarten to grade 8. It has one high school which teaches grade 9 to OAC. Dryden has one local college which offers post-secondary education through full and part time, as well as evening classes.

### **Recreation Facilities**

The city of Dryden has a first-class recreation facility which houses a variety of activities. There are public parks and beaches throughout the city as well as two public golf courses. There are ample outdoor activities to choose from year round, including camping, fishing, hunting, basketball, softball, soccer, hiking, downhill and cross country skiing.

## **4.5 Physiography**

Dryden is located in northwestern Ontario, approximately half way between Thunder Bay, Ontario and Winnipeg, Manitoba.

The city's elevation is approximately 373 meters above sea level. Parts of the Wabigoon Lake and Wabigoon River lie within the city limits.

Dryden has moderately low relief and is heavily forested both in and surrounding the city. .

The climate in Dryden ranges from an average low of -27 in January to an average high of +26 in July. The city receives an average annual rainfall of 0.7 meters, and snowfall of 1.8 meters.

## **5.0 History**

The earliest recorded work on the Gold Standard property includes shaft sinking by Gold Standard Mining Co. between 1902-1903 (Carter, 1904). A 1.8 x 2.7 meter shaft was sunk to 29 meters. No reports of grade were made at that time, but comments were made on extreme width variation from 0.3 to 2.4m.

The site was visited again several times by government geologists, including Thomson (1934), Beard and Garratt (1976), and Berger (1988), who obtained relatively high grade values from samples of sulphide rich vein material ranging up to 55.9 g/t Au, 29 g/T Ag, and 1.52% Cu. The property has also been mentioned in several compilations and mapping projects, including Delisle (1990), and Berger, (1991) who indicated gold values were associated with local sulphide concentrations in veins but the veins and wallrock appeared to be barren.

The area has only been sparsely explored by the mining industry. Canhorn Mining Corporation optioned the property in 1989 and conducted an airborne magnetometer and electromagnetic survey and completed surface sampling. Teck Explorations Ltd. also completed a compilation of the area in 1989, but had incorrectly located the Gold Standard showing on their map (Teck, 1989).

## **6.0 Geological Setting**

The Gold Standard property lies within the Archean Manitou – Stormy Lakes greenstone belt, an 80 kilometer by 20 kilometer assemblage of northeast-trending mafic, intermediate, and felsic metavolcanic rocks, related intrusive rocks and metasediments which have been intruded by Archean granitoid stocks and batholiths (Blackburn et al., 1990). Structurally, the belt is dominated by the northeast-striking Manitou Straits fault (“MSF”), which extends southwest from Lower Manitou Lake (Manitou Stretch) through

the Manitou Stretch area where it connects with the southeastern extent of the Pipestone-Cameron deformation zone. The fault zone is spatially associated with all three properties of the Manitou Project (Gold Standard, Aronson, and High Valley).

Northwest of the Manitou Straits Fault, the metavolcanic rocks consist of three lithotectonic sequences: Grant Lake Group, Blanchard Lake Group, and Upper Manitou Lake Group (Berger, 1991). The Grant Lake group consists of mafic volcanic flows northwest of the MFS that are gradational upwards into intermediate volcanic and volcaniclastic flows. The Blanchard Lake group consist of predominantly tholeiitic mafic volcanic flows located immediately northwest of the Gold Standard property and may underlie the Grant Lake group. The Upper Manitou Lake group, located immediately northwest of the Blanchard Lake group, consists of a relatively narrow sequence of intermediate to felsic volcaniclastic rocks. The assemblage has been intruded by granitoid rocks of the Atikwa batholith.

Southeast of the MSF the metasedimentary and metavolcanic rocks consist of two sequences: The Wapageisi Lake Group, consisting of a basal sequence of tholeiitic mafic flows with minor metasedimentary rocks; and the overlying Manitou Group, comprised of a sequence of calc-alkalic intermediate pyroclastic and metasedimentary rocks. The supracrustal assemblage has been intruded by the Irene-Eltrut Lakes batholithic complex, and the Bretz Lake, Taylor Lake and the Scattergood Lake stocks. All of the supracrustal rocks are intruded by numerous northeast-trending felsic dykes, sills, plugs and stocks (Blackburn et al., 1990).

The regional structural history is not well understood and the area seems to have been bypassed during the most recent Lithoprobe-related regional work. Regional mapping indicates that an early N-S compression folded the regional stratigraphy including the Stormy Basin sediments (Mueller and Corcoran, 1998), late Tamiskaming-equivalent sedimentary sequences, along E-W trending fold axes. Subsequent NW directed compression resulted in the dominant NE trending fold axes observed flanking the MFS. Presumably the NW directed compression reached maximum possible shortening that led to a lateral shear component, or the stress field rotated. Regardless, northeast trending shear zones record lateral shear component at regional (e.g. the Eta Lake Group, the strike extension of the Stormy Basin sequence which has been rotated and attenuated approximately 25 km along the MSF), property, and outcrop scales.

The Gold Standard property is centrally located on Neilson Lake, northwest of the MSF, and is underlain entirely by intermediate to mafic volcanic flows and pyroclastic rocks of the Grant Lake group.

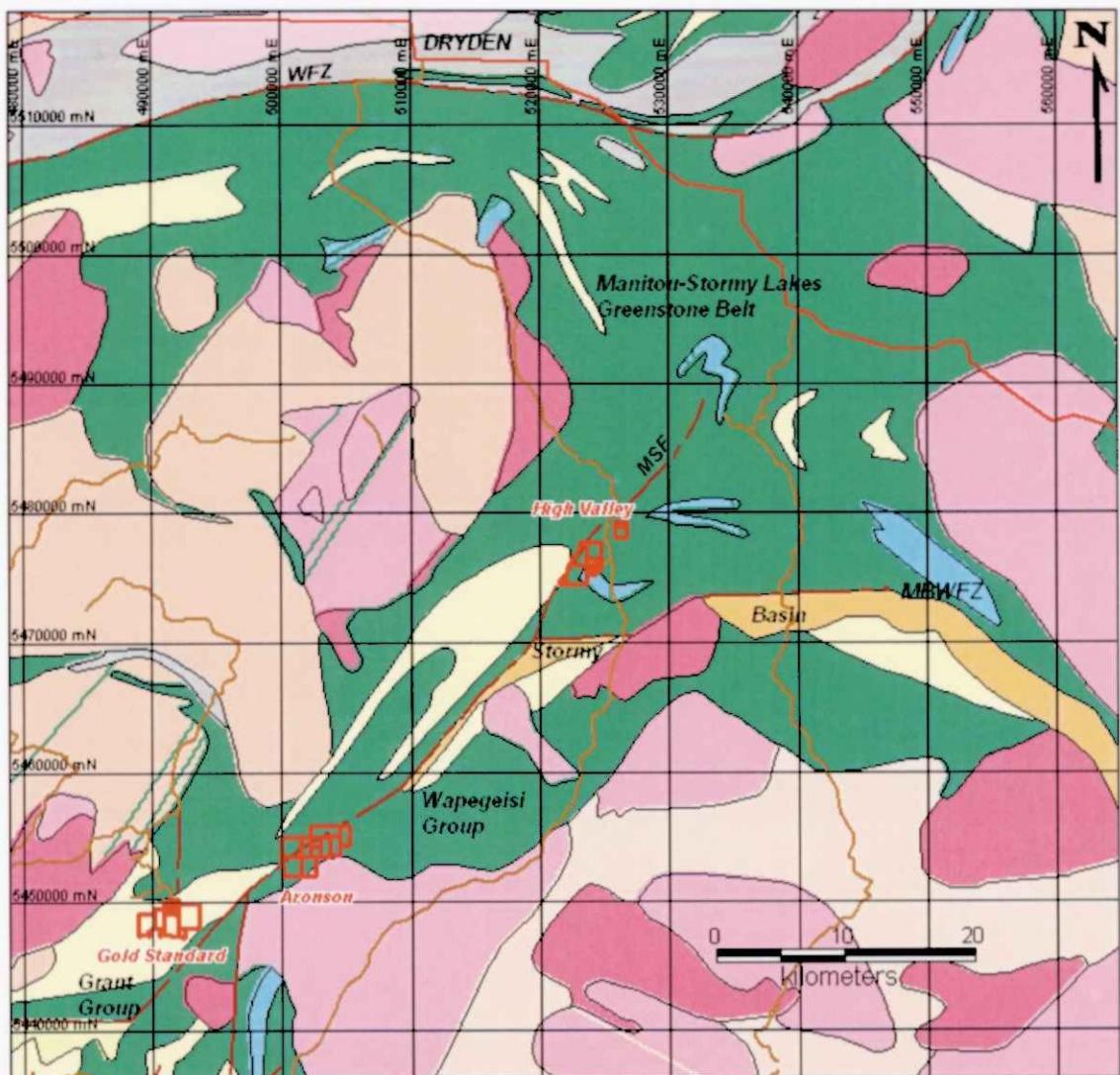


Figure 4 - Regional Geology

## **7.0 Deposit Types**

The current program was designed to evaluate the potential for mesothermal vein and shear zone hosted gold mineralization. Historical work on the property discovered the Gold Standard showing and included shaft sinking on a sulphide-bearing quartz veins with historical grades reported to range up to 55.9 g/t Au. Broadly similar types of gold deposits have been discovered in the area and include<sup>1</sup> the Cameron Lake deposit (1,047,000 t @ 1.57 opt), Cedar Island deposit (1,928,000 t @ 6.20 opt), Duport deposit (2,000,000 t @ 0.35 opt), and Thunder Lake deposit (3,780,000 t @ 7.02 opt).

## **8.0 Mineralization**

The property is host to the Gold Standard H.W. 271 occurrence, which is located on a peninsula on the northwest shore of Neilson Lake, where two glory hole-type pits and one shaft (491,154mE, 5,449,342mN) are located within 9 metres of the shoreline. The occurrence is underlain primarily by intermediate volcanic flows and pyroclastics that have been sheared and are now represented by chlorite-sericite-carbonate schist. The showing is a quartz vein array with minor tourmaline and ankerite and local clots of pyrite+chalcocite.

The thickest part of the vein occurs over a width of 1.5 m in one of two glory hole type pits (shallow shafts sunk directly on the vein rather than in the footwall) and it can be traced to the north along strike for approximately 35 metres where it thins out significantly and extends into the lake.

The main vein bifurcates into <1m wide veins within about 5 meters of main pit to the north and either pinches out or is not exposed to the south. Sulphides occur as clots of pyrite +/- chalcocite ranging up to 10 cm in diameter within the vein or at their margin. The wallrock to the vein contains variable chlorite and calcite alteration up to 20 cm away from the vein. Sporadic disseminated pyrite and rarely chalcocite occur along fractures within 10 cm of the vein contacts.

Prior to the arrival of the field crew, Robert Fairservice had located a second showing, the Roadside North showing, approximately 25 meters east of the logging road to the northeast of Neilson Lake (491,564mE, 5449861mN). This showing consists of multiple subparallel 1-15 cm quartz veins hosted by intermediate lapilli tuff. The vein material averages trace-0.5% disseminated pyrite, although locally the veins contain 2-3% 1-3mm disseminated and stringer cubic pyrite and trace disseminated chalcocite.

Higher concentrations of sulfides appear to show a strong association with clots of dark green to black chlorite +/- amphibole, generally noted along the hanging wall margin of

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<sup>1</sup> Ontario Ministry of Mines, Kenora District: Historical Gold Production and Current Resources (March 11, 2004).

the larger veins (and the more dilated parts of smaller veinlets). Shearing within the 1 meter by 3 meter outcrop is weak-to-moderate.

A 1 x 2 meter shaft (approximate) was also located near Grant Lake (490,769mE, 5,447,655mN). The shaft is not in any historic documents and appears to be sunk to intersect an adjacent 3m wide quartz vein with trace disseminated pyrite. No additional significant veins or sulphide mineralization was observed throughout the property.

## 9.0 Exploration

### 9.1 Geological Mapping

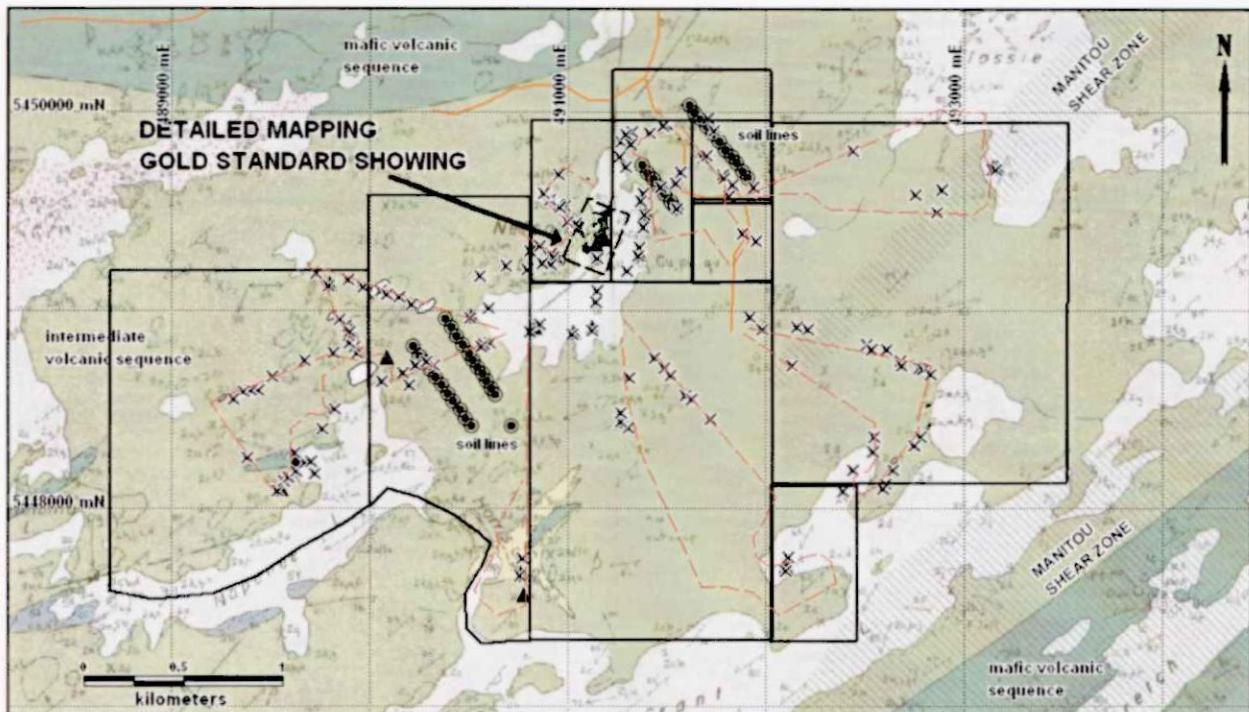
2 . 2 9 3 6 6

The 2004 field program consisted of eight days (July 1-8, 2004) of field work by a four-person crew. Work included traverse mapping, shoreline mapping, detailed trench mapping and channel sampling of two showings, and four reconnaissance soil sampling lines.

Mapping was completed using GPS and compass oriented traverse lines throughout the property and traverses were designed to cover the majority of the property (**Figure 4**). A 250 x 100 meter grid was set up over the entire peninsula that contains the Gold Standard showing and a smaller grid was established over the Roadside North showing. Both showings were mapped in detail and channel sampled.

The results of the mapping have been plotted at a scale of 1:5,000 and at reduced scales for individual grids and trenches (**Maps 1 and 2**). Outcrop data, geology legend, structure data, and structure legend are included in **Appendix 1**. Rock sample descriptions and assay certificates are included in **Appendix 2**.

The majority of the property is underlain by intermediate massive, pillowd, and volcaniclastic flows and minor massive to pillowd mafic flows, and massive felsic flows. All units appear to belong to the calc-alkaline Grant Lake group. Intermediate volcaniclastic units include tuff breccia (possibly in part pillow top breccia generated units), lapilli tuff, feldspar and quartz crystal tuff, and ash tuff. Most fragmental units display some degree of flattening, typically ranging from 2:1 to 5:1.



**Figure 5 - 2004 Traverse Locations**

The rocks strike northeast and dip steep to the north or south, consistent with previously interpreted northeast trending synform/antiform fold duplexes (Berger, 1991). Stretching and mineral lineations are fairly consistently moderate to steep to the southwest. Shearing was rare and confined predominantly to 1-10 meter wide zones along the northwest shore of Grant Lake, along a second northeast trending zone southwest of Flossie Lake, and along a northeast-southwest trend through the Gold Standard showing on Neilson Lake. Moderate to high strain and associated hydrothermal alteration has converted the mafic to intermediate rocks to chlorite - calcite +/- schist within these zones.

With the exception of the Gold Standard showing area and the extremity of the MFS at Grant Lake, no significant deformation or alteration was observed elsewhere on the property.

## 9.2 Soil Sampling

Four reconnaissance soil sample lines in two separate pairs were completed along strike from the Gold Standard showing and in the general vicinity of the Roadside North showing (**Figure 5**). The lines were designed to test the strike extension of the Gold Standard showing. The sample description data and laboratory analysis are included in **Appendix 3** and the results have been plotted at a scale of 1:5,000 (**Map 3**).

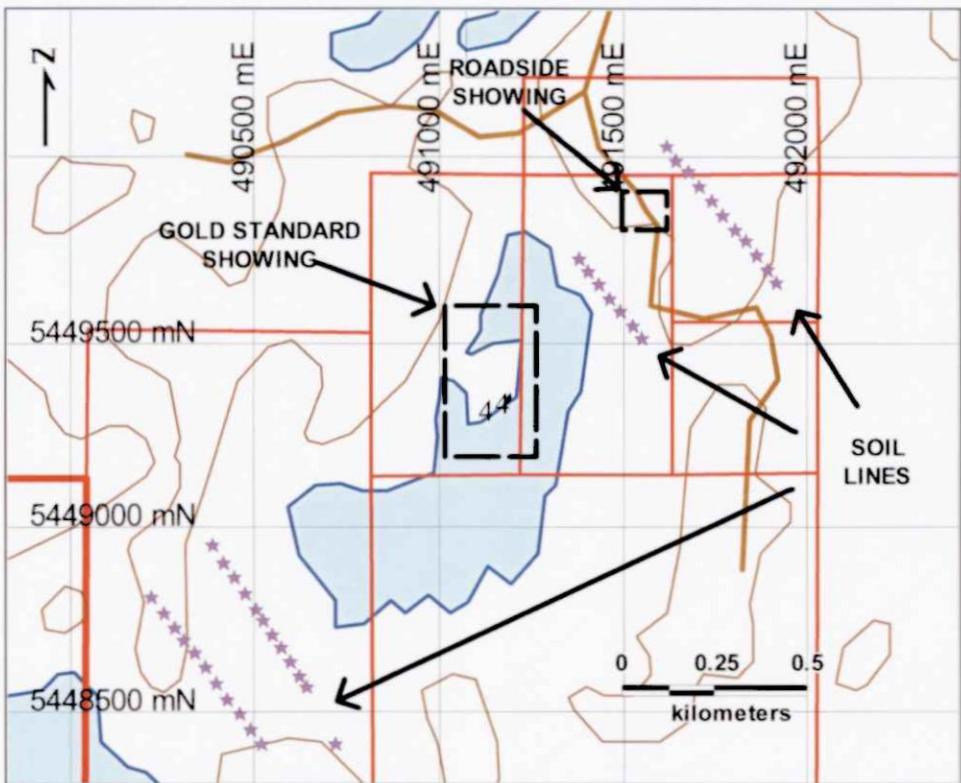
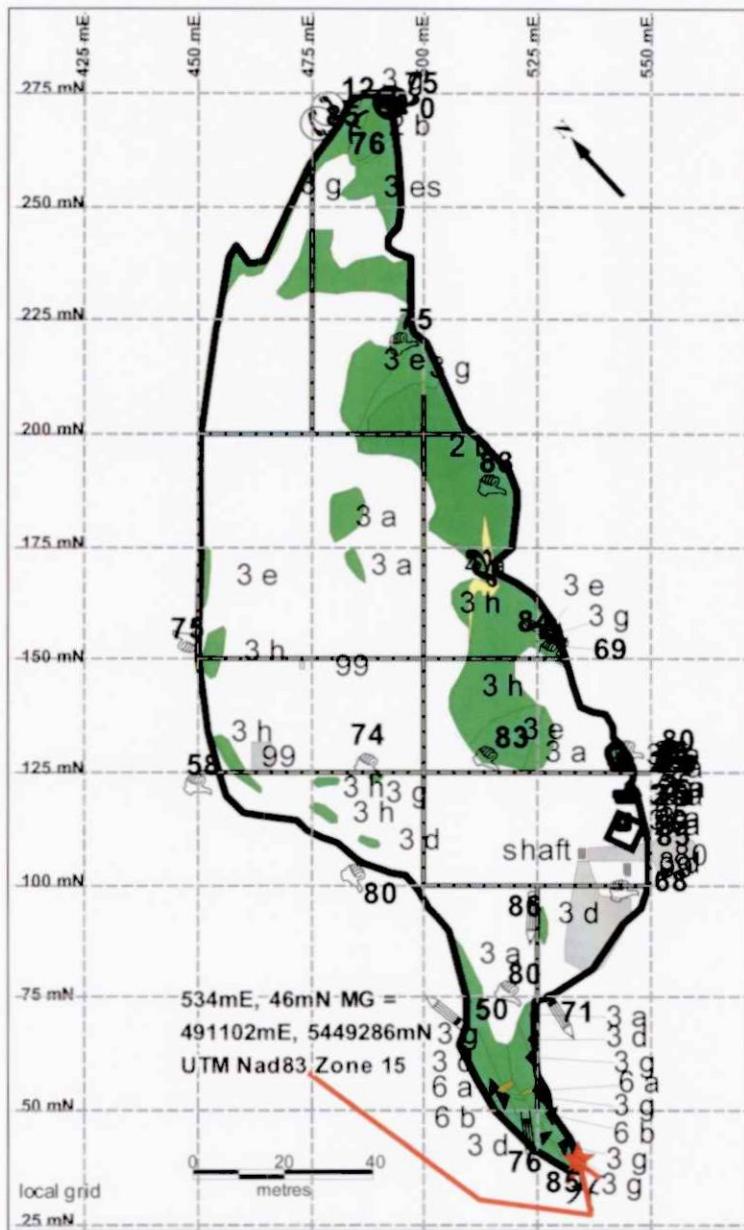


Figure 6 - Soil Sample Locations

### 9.3 Trenching/Channel Sampling

The highest degree of strain observed outside of the extremity of the MFS at Grant Lake was in the Gold Standard showing area. The showing is comprised of a complexly folded vein array ranging in width up to 1.5 meters (**Figures 6 & 7**). The vein is primarily white to light grey quartz with minor ankerite and local ribbons of massive tourmaline.

The veins are strongly fractured and folded. Vein margins display moderate to strong pervasive chlorite and ankerite alteration up to 0.2 meters from the vein contact and are gradational into weak to moderate pervasive and fracture fill calcite alteration up to 5 meters from the vein. Detailed mapping results are presented at various scales on **Map 4**.



**Figure 7 - Gold Standard Showing Geology**

The rock fabric within the showing strikes along 040 Az and dips 70-85 degrees to the southeast. The veins strike 040 and dip 80-85 degrees to the northwest. The divergence in dip indicates the vein is a tension gash type vein. Narrow felsic units and the veins both display tight z-folding and the rocks throughout the peninsula exhibit moderate to strong flattening. The sense of shear may be dextral or antithetic motion related to sinistral shear. Vein fold noses consistently plunge at moderate to steep angles to the southwest, consistent with extension lineation plunges throughout the property.

The quartz veins display relatively complex folding that resembles interference pattern folds. It is possible that there was one main vein that has been tightly folded with a plunging fold nose at the main pit/shaft area. A preliminary interpretation includes early tension gash vein emplacement along axial planar shears developed on northeast trending upright fold axes related to northwest directed compression. The northwest directed compression begins as vertical motion (pure shear) and progresses to either dextral or sinistral shear during peak compression as the various belt elements lock up and strain is taken up laterally (simple shear).

The Roadside north showing is a  $2\text{ m}^2$  small exposure along the east edge of a small outcrop (**Figure 8**). The host, an intermediate volcanic, is moderately to strongly carbonatized and contains several folded quartz veins that range in width up to 10 cm. The veins are folded similar to the veins at the Gold Standard showing, but due to a lack of exposed rock, it is not clear if they have the same sense of shear. The margins are similarly chloritized and carbonatized up to 20 cm from the vein margins and both the altered volcanic wallrock and the veins contain up to 1% disseminated pyrite locally.

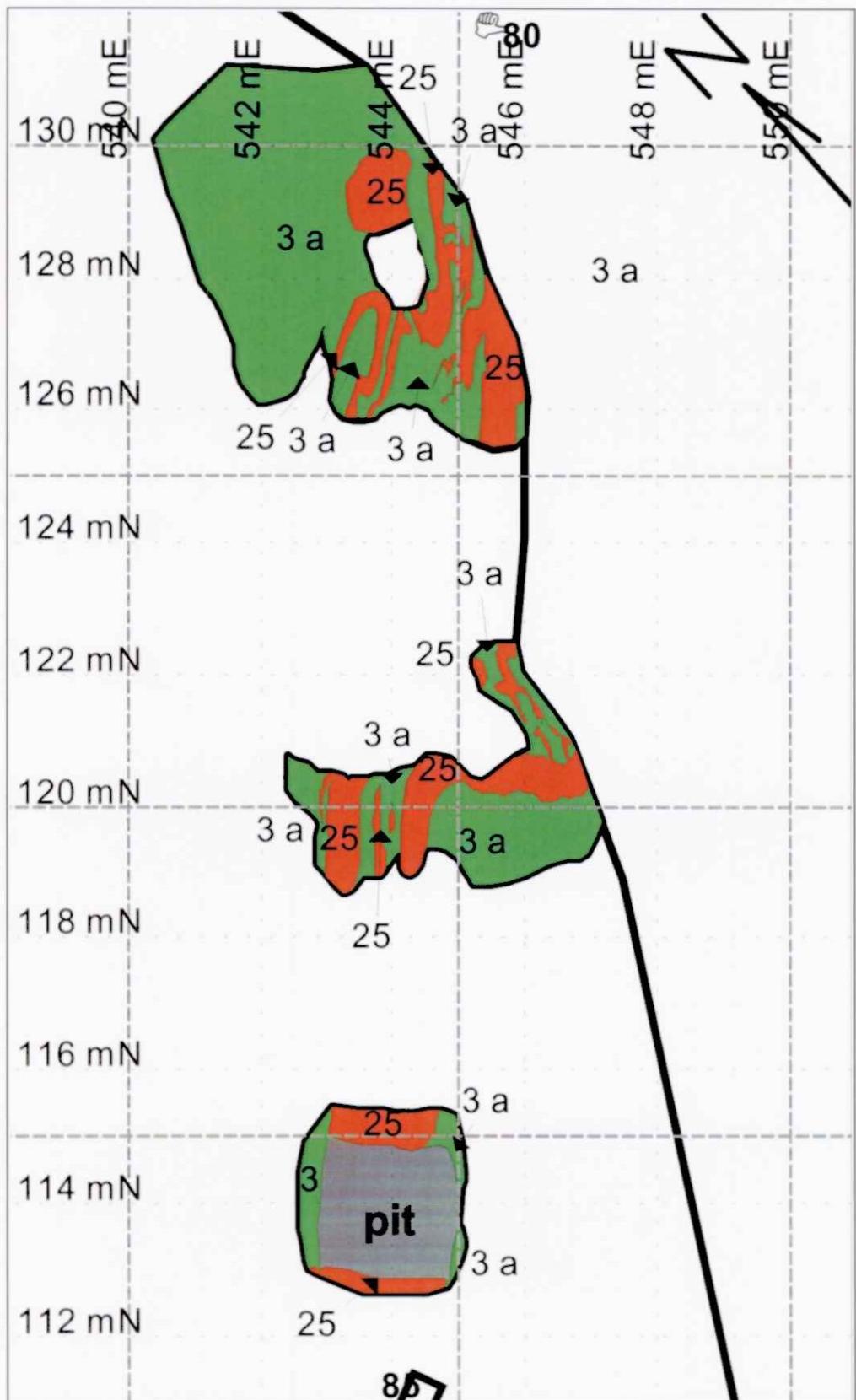


Figure 8 - Gold Standard Showing Outcrops

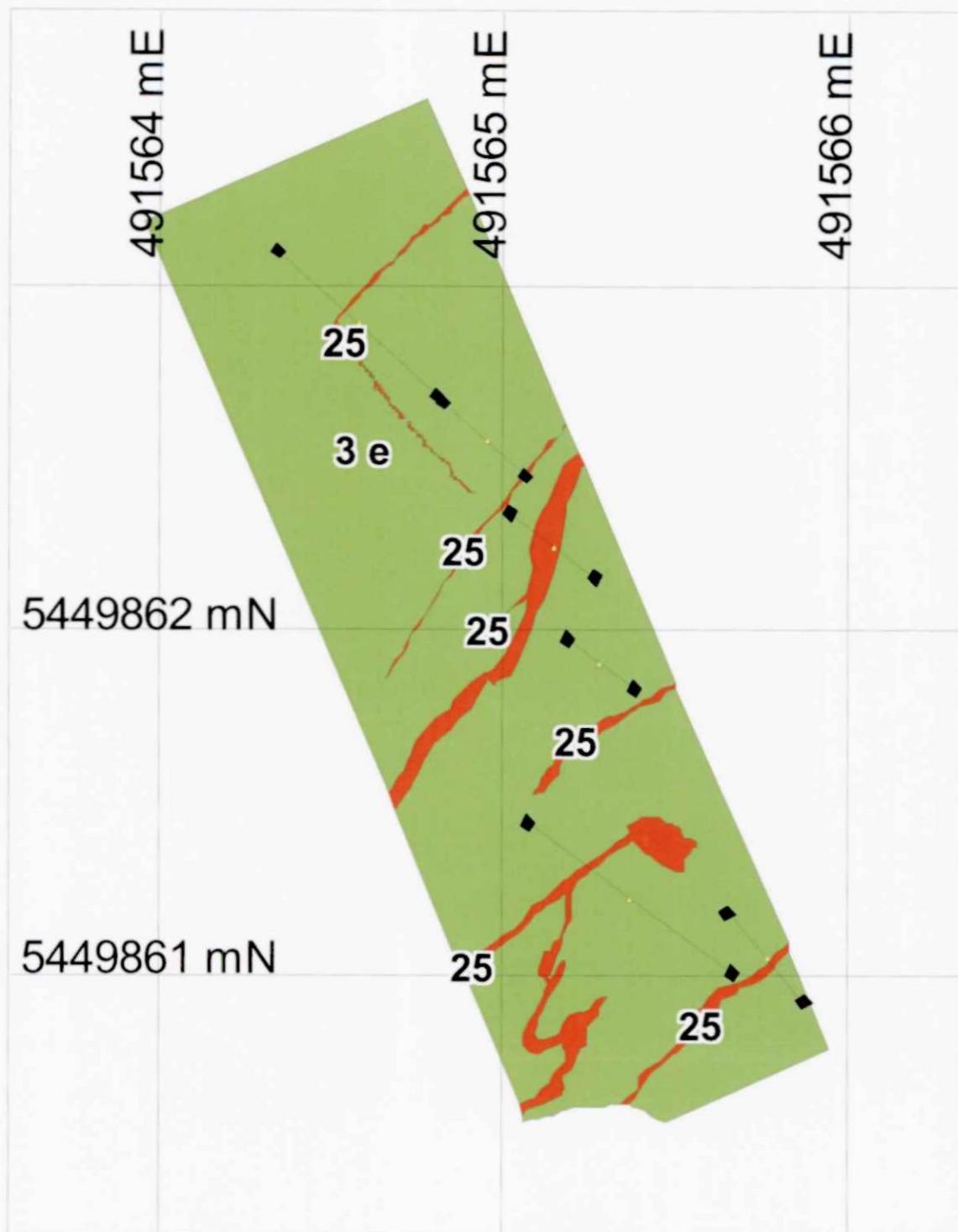


Figure 9 - Roadside North Showing Outcrop

## **10.0 Sampling Method and Approach**

### ***10.1 Sampling Method***

Rock samples were collected during traverses or during channel sampling and bagged using poly bags. Rock samples were sampled as grab samples, chip samples collected using a hammer and chisel, or channel samples collected by cutting 2 cm wide channels in the rock using a portable gas-powered rock saw and removing samples using a chisel and hammer.

Soil samples were collected by excavating 10-20 cm wide holes in the soil using unpainted shovels to expose a face in the soil profile. A medium size zip-lock type bag was filled with soil (till) from a consistent depth of 10 cm below either surface or any organic material.

### ***10.2 Sample Preparation***

Rock Samples were placed in individual poly bags with corresponding sample tags and sealed using cable ties.

Soil samples were placed in zip-lock type sealable sandwich bags with corresponding sample tags and placed in poly bags for transport protection.

### ***10.3 Sample Shipment Preparation, Analyses and Security***

Approximately 10-15 individual rock samples were placed in double rice bags and secured using aluminum security tags and shipped inside a third rice bag secured by cable ties and duct tape. Approximately 10 soil samples were bound in larger poly bags and then shipped in a rice bag lined 5 gallon bucket. The internal rice bag for both sample types was secured using aluminum security tags.

Samples were shipped via Manitoulin Transport from Dryden to Thunder Bay or Toronto, station to station. Chain of custody letters were issued and custody was transferred to Manitoulin and then again to ALS Chemex or SGS Laboratories. Laboratories returned a chain of custody letter upon receipt of the shipment confirming the security seal was intact provided a shipment list of bags and sample numbers to cross-reference with the original manifest.

A total of 2 shipments were made during the program. Copies of all sample shipment documents, chain of custody letters, and preliminary email results can be found in

**Appendix 4.** All shipments were received with security tags intact and cross-referencing revealed no sampling or shipping errors.

## **10.4 Analyses**

Rock samples were analyzed using gold and multielement analysis methods. Soil samples were analyzed using MMI selective leach analysis. The analytical methods and elements are as follows:

### **10.4.1 Rock Samples – Accurassay Laboratories Limited**

Accurassay Laboratories  
Au and ICP Multielement – Rock Samples

Thunder Bay  
Accurassay Laboratories  
1070 Lithium Drive  
Thunder Bay ON P7B 6G3  
Phone: (807)626-1630  
Fax:(807)623-6820  
Derek Demianiuk, H.BSc.,  
Laboratory Manager  
Jason Moore, B.A.,  
General Manager

#### Sample Prep

Jaw Crush up to 5lbs (2.5Kg) to 0.25in, cone crush to -8 mesh, riffle split, and pulverize 400g to 90% -150 mesh  
\* with silica-sand clean-out between each sample

#### Au Analysis

Gold and other precious metals are analyzed by traditional assay fire procedures using lead fluxes followed by cupellation of the lead button. Silver in quart is added when the assay is completed either by "classical" gravimetric procedure or by atomic absorption spectroscopy.

METHOD	SAMPLE WEIGHT	DETECTION LIMIT
Fire Assay/AA finish	20g	5ppb

#### ICP Multielement Analysis ICPAR

Element	Aqua-Regia Detection Limits
---------	-----------------------------

Ag	1ppm – 100ppm
Al	*0.01% - 10.0%
As	3ppm – 8,000ppm
B	1ppm – 5,000ppm

Ba	*1ppm – 5,000ppm
Be	1ppm – 1,000ppm
Bi	5ppm – 5,000ppm
Ca	*0.01% - 10.0%
Cd	10ppm – 1.0%
Co	1ppm – 5,000ppm
Cr	*1ppm – 1.0%
Cu	1ppm – 5,000ppm
Fe	*0.01% - 10.0%
Hg**	1ppm – 5,000ppm
K	*0.01% - 10.0%
Li	*1ppm – 1.0%
Mg	*0.01% - 10.0%
Mn	*0.01% - 1.0%
Mo	1ppm – 8,000ppm
Na	*0.01% - 10.0%
Ni	1ppm – 5,000ppm
P	*0.01% - 10.0%
Pb	1ppm – 4,000ppm
S**	*0.01% - 1.0%
Sb	*10ppm – 8,000ppm
Se	5ppm – 5,000ppm
Si	*0.01% - 10.0%
Sn	*10ppm – 1.0%
Sr	*5ppm – 5,000ppm
Ta	100ppm – 1.0%
Ti	*0.01% - 1.0%
Tl	1ppm – 4,000ppm
V	*2ppm – 1.0%
W	*10ppm – 1.0%
Y	*1ppm – 5,000ppm
Zn	1ppm – 4,000ppm

#### **10.4.2 Soil Samples – SGS XRAL**

XRAL Laboratories (SGS GROUP)  
Soil Sample Analysis

XRAL Laboratories  
1885 Leslie Street  
Toronto, Ontario M3B 3J4  
Tel: (416) 445-5755  
In the U.S.: 1-800-387-0255  
Fax: (416) 445-4152

Email:XRAL@sgs.com

**MMI-B**

CODE: MMI-B

Multi-component extractants are used and metals are determined by ICP/MS in the part per billion range.

Gold Exploration Suite –

Element	Detection Limit
Au	0.1 ppb
Co	1 ppb
Ni	3 ppb
Pd	0.1 ppb
Ag	0.1 ppb

The statistical background (25%tile) is calculated for each element and a response ratio is calculated (response/background) to determine anomalous values. Any response ratio above 5 is considered a valid anomaly.

## **10.5 Geochemical Results**

The geochemical results are discouraging. Mapping and prospecting failed to obtain any anomalous rock sample values throughout the property and soil sampling also failed to delineate any gold anomalies, although possible low level silver anomalies may be present that could be a halo to low grade, or deep gold mineralization.

Trenching obtained a few highly anomalous values, primarily from the Gold Standard showing. However, the overall grade distribution from the Gold Standard showing appears to be directly linked to rare, sporadic clots of pyrite and chalcopyrite that do not appear to have a wide distribution throughout the vein array.

The three high grade values are from two grab samples and a channel sample on the Gold Standard showing and are a good illustration of the grade control problems they encountered during initial excavation:

Sample 364104 - 450 g/T Au - is a grab of a 2x3cm blob of chalcopyrite/pyrite along the margin of one of the veins located approximately 5m along strike from the main exposure of the vein in the pit. It was taken to test the sulphides to see if the gold was tied up with them.

Sample 364105 - 113 g/T Au - is a 1.2m chip that includes the vein margin with the same sulphides and the high gold grade appears to be due to the sulphides along the west edge of the vein.

Sample 365115 - 111 g/T Au - is a grab from quartz vein tailings south of the shaft and crusher. It had about 10% pyrite>>chalcopyrite and it is not surprising that it contained high gold values, but with the exception of the edge of sample 364105, none of the rest of the veins, including the vein in the main glory hole shaft, had sulphide content as high as like 365115. All samples other samples are essentially barren of sulphides with the exception of one or two that had trace sulphides along the margin.

Sample 364112 - 3 g/T Au - is probably the most representative of the mineralizing system. It is a 1.2m channel with minor chalcopyrite along the margin (one of the few) and I suspect this is probably the most representative of the system, providing comparable sulphide distribution can be found throughout the rest of the vein array.

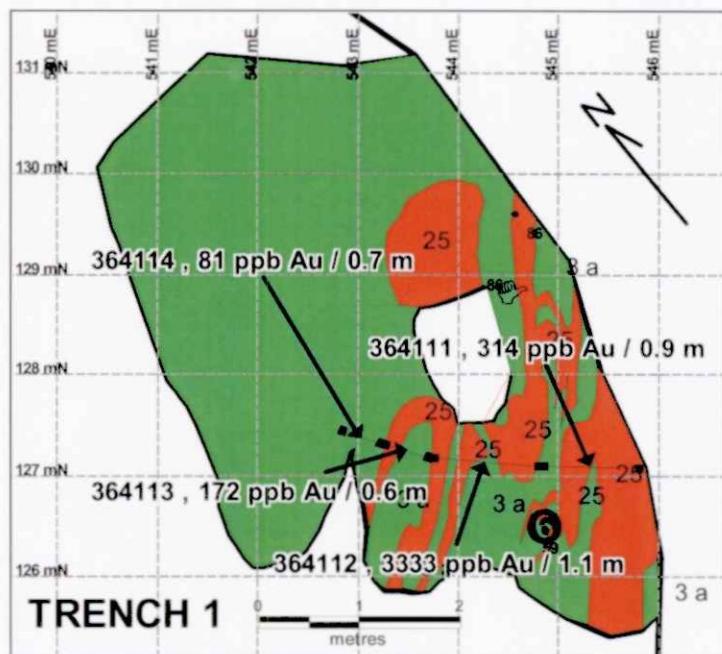


Figure 10 - Gold Standard Showing - Trench 1

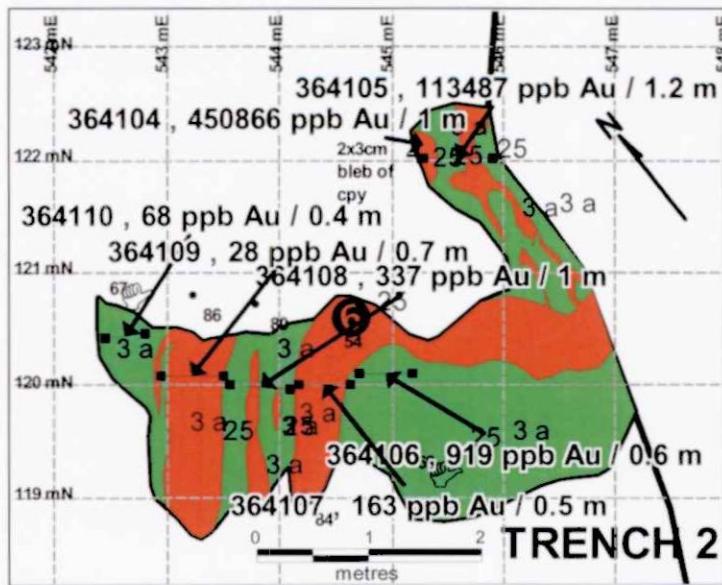


Figure 11 - Gold Standard Showing - Trench 2

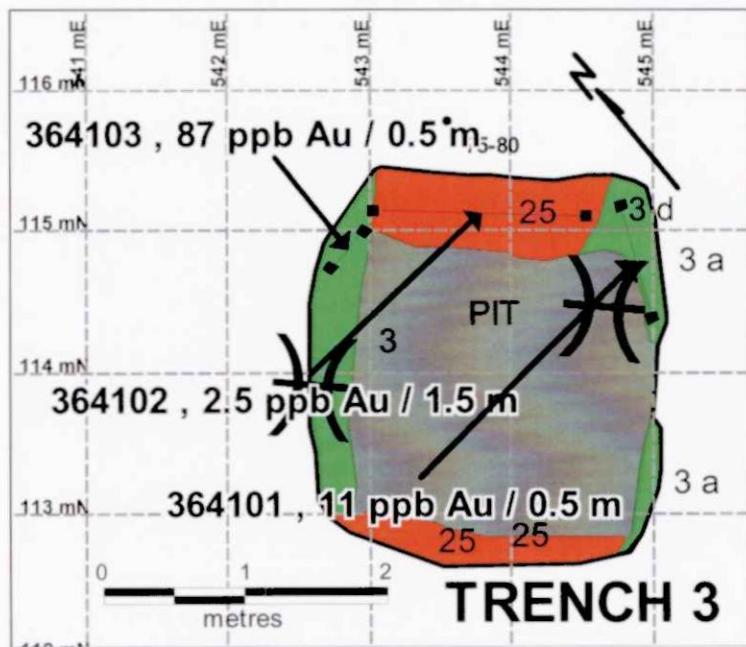


Figure 12 - Gold Standard Showing - Trench 3

Bob Fairservice discovered a new showing along strike to the northeast (Roadside Showing) consists of small (1x0.15m) tension gash type veins on the edge of an outcrop. The only significant value obtained from channel sampling was 1.596 g/T Au over 0.77m (SN 364155). While the value is anomalous, the veins do not appear to be part of any large shear zone that could be followed.

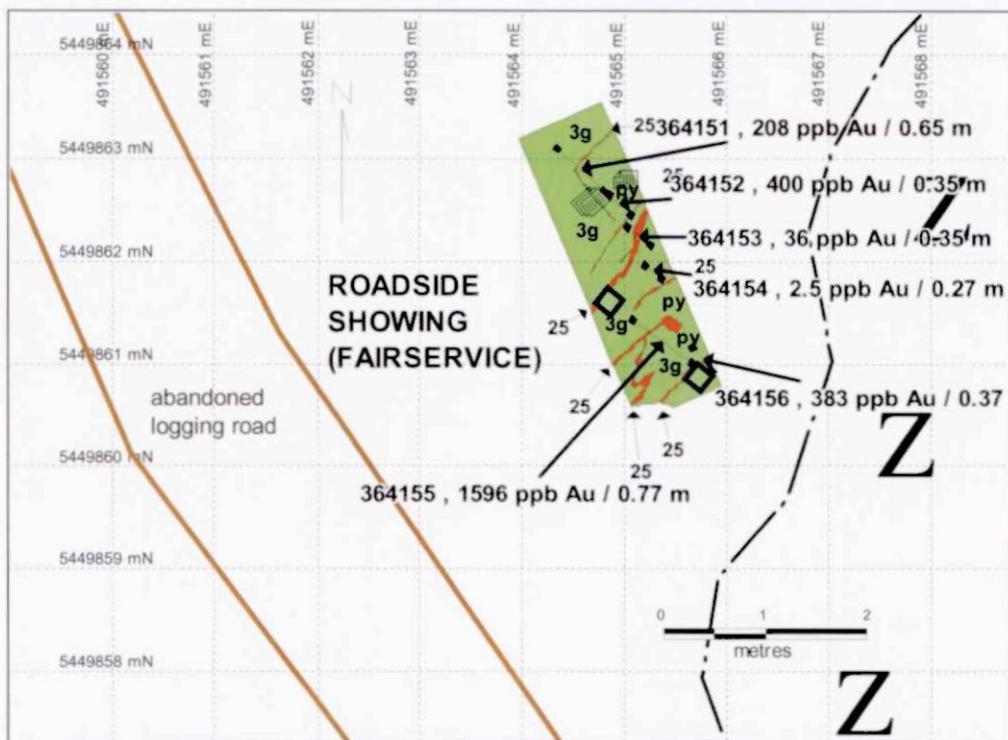


Figure 13 - Roadside North Showing Results

Soil sample results were discouraging. Typically, MMI soil sample results should have a gold response ratio of >4 to even be considered to represent bedrock mineralization. Sample 96909 had a response ratio of 4.2 and was the only sample above 4. This sample did not occur along strike from either surface showing.

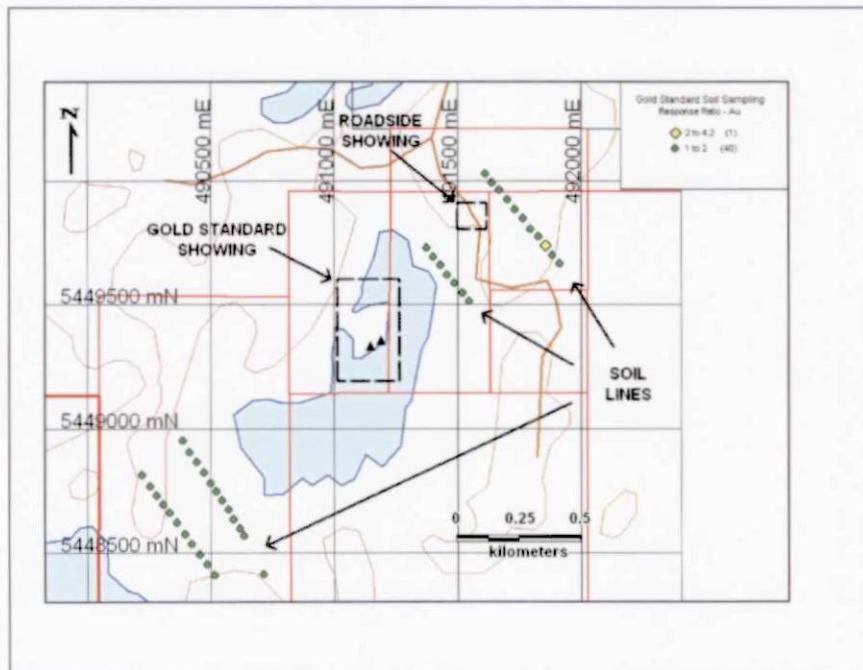
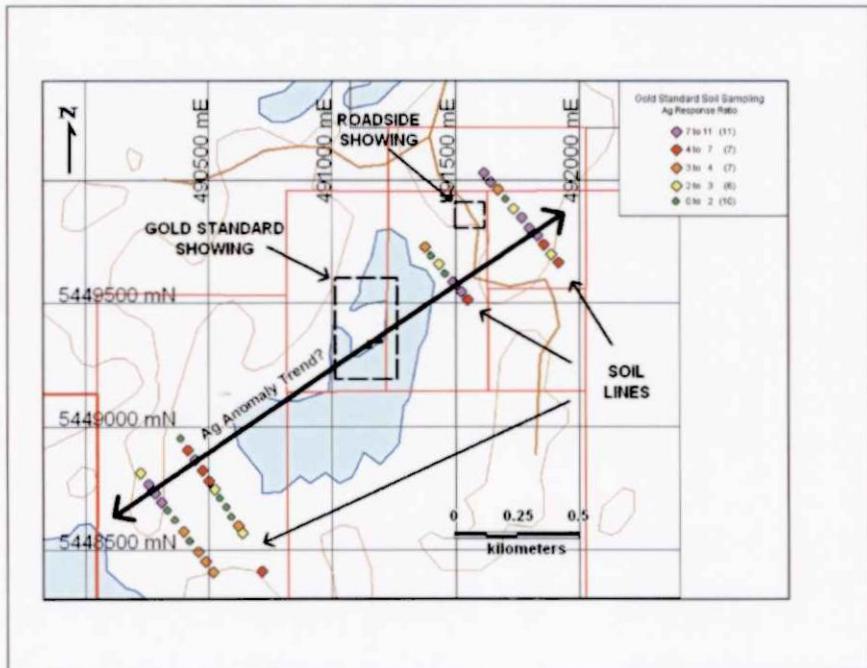


Figure 14 - Soil Sample Results – Au



**Figure 15 - Soil Sample Results - Ag**

## 11.0 Data Verification

QA/QC efforts included sample shipment security (see Section 10) and the random insertion of sample blanks and standards. No significant errors were identified in the shipment processes or in the analysis.

Rock sample blanks and standards were inserted randomly, approximately one of each per 50 samples of rock. Due to the small number of samples submitted for analysis, not all shipments had a complement of each.

Waste granite was purchased from Nelson Quarries, ON and two composite samples were analyzed to confirm the granite is barren. Granite fragments were chosen over silica sand so the entire crushing circuit could be tested. Individual 1 kg samples were prepared and inserted as blank samples. A bulk lake sediment sample was acquired and tested in 2003 and used during the current program. Silica sand blank material from ALS Laboratories was used for soil sample blanks.

A pulverized gold standard ( $1921 \pm 154$  ppb Au – standard Au 44 B8) was acquired from Accurassay Laboratories for a rock standard. The jar was entirely subdivided into 50gm samples that were inserted randomly.

A summary of the statistical analysis on both data sets is enclosed in **Appendix 5**. One soil blank was submitted and analysis was below detection limits. Four samples were also analyzed in duplicate and no significant variation was found in the results.

## **12.0 Adjacent Properties**

There are no known mineral properties in the general area that are actively being explored for gold that have any significant showings. The group that found and developed the Gold Standard showing also worked the Gold Standard 340 showing and the Sairey Camp showing, and presumably the shaft found during the current program north of Grant Lake. However, it is assumed that none of the work located any significant mineralization or the work would have continued beyond shallow shaft sinking.

## **13.0 Other Relevant Data and Information**

A relatively large area southwest of the current property boundary has been removed from staking and has been designed as wildlife preserve W-LL-C2331 ([http://www.mndm.gov.on.ca/mndm/mines/lands/livleg/borwest/1999orders/c2331-99\\_e.asp](http://www.mndm.gov.on.ca/mndm/mines/lands/livleg/borwest/1999orders/c2331-99_e.asp)).

## **14.0 Interpretation and Conclusions**

Historic gold mineralization grades were confirmed for the Gold Standard showing and the new Roadside North showing was cleaned and channel sampled. However, no new mineralization was discovered on the property.

Soil sample results did not delineate any gold anomalies. A broad silver anomaly is present and may reflect a poorly exposed gold mineralization system.

The Gold Standard showing consists of a 35m long zone of highly deformed quartz +/- ankerite +/- tourmaline veins. The thickest part of the vein, approximately 1.5 meters, is exposed in one of two pits but bifurcates into <0.5m wide veins approximately 5 meters along strike to the north. The southwest extension is either truncated or not exposed.

The foliation and vein strike 040 Az, however the foliation dips steeply to the southeast while the vein dips steeply to the northwest, indicating the vein may be a deformed tension gash vein. The vein folding pattern suggests the showing may be one vein that has been refolded. While the rocks in the peninsula exhibit similar Z-folding patterns locally, hydrothermal alteration appears to be localized to within several meters of the vein only.

High grade, but sporadic gold values ranging up to 450 g/T Au as well as high grade silver and copper values were obtained from local pyrite-chalcopyrite pods within a highly deformed quartz vein array in the Gold Standard showing. Unfortunately, the majority of the vein appears to be unmineralized.

The Roadside North showing is a <2m<sup>2</sup> exposure of <15cm wide, variably folded quartz veins with up to 0.5% disseminated pyrite in the vein and vein margins. Values ranging up to 1.596 g/T Au over 0.77 meters were obtained from channel samples, however, most of the results from this small exposure were disappointing.

## **15.0 Recommendations**

The Gold Standard showing appears to be of limited extent with severe nugget gold distribution. No additional follow up work is recommended for Temex at this time.

The low grade silver values in the soil samples may warrant additional prospecting by the vendor. The vendor may also wish to consider completing detailed lake sediment sampling on Neilson Lake to test the lake covered portion of the immediate strike extension of the Gold Standard showing.

## References

- Carter, W.E.H.
- 1904 Mines of Northwest Ontario; Part II; Ontario Bureau of Mines, Annual Report, 1904, v. 13, pt. 1, p. 68.
- Beard, R.C. and Garratt, G.L.
- 1976 Gold Deposits of the Kenora-Fort Frances Area, Districts of Kenora and Rainy River; Ontario Division of Mines, Mineral Deposits Circular 16, 46p. Accompanied by Chart A, scale 1:253,440 or 1 inch to 4 miles.
- Berger, B.
- 1988 Geology of the Manitou Stretch area; p. 145-148 *in* Summary of Field work and Other Activities, 1989, Ontario Geological Survey Miscellaneous Paper 141, 275p.
- 1991 Precambrian Geology, Manitou Stretch Area, Ontario Geological Survey Report 284, 45p. Accompanied by Map 2561, 1:20,000.
- Blackburn, C.E., Johns, G.W., and Davis, D.W.
- 1991 Wabigoon Subprovince; *in* Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p. 26-57.
- Delisle, P.C.
- 1990 Property Visits by the Dryden Area Mineral Commodity Geologist, 1989, Ontario Geological Survey, Open File Report 5731, 155p.
- Lengyel, J.W.P.
- 2004 Preliminary Report on Gold Stanard Property, confidential interim report submitted to Temex Resources Corporation, September 30, 2004.
- Meuller, W.U. and Corcoran, P.L.
- 1998 Late-orogenic basins in the Archaean Superior Province, Canada: characteristics and inferences, *Sedimentary Geology*, v. 120 (1998), p. 177-203.
- Thomson, J.E.
- 1934 Geology of the Straw-Manitou Lakes Area; Ontario Division of Mines, Vol. 43, Part 4, p. 1-32. Accompanied by Map 43a.
- Teck
- 1989 Napanee Lake Area compilation map, Teck Explorations Limited, NTS 52 F/3, 1" = 1 mile, dwg by ANC, Jan 1989.

## **Statement of Qualifications**

I, J. W. Patrick Lengyel, of the CITY of WINNIPEG, in the PROVINCE of MANITOBA, hereby certify:

I am a geologist, operating as a geological consultant and reside in the City of Winnipeg, Manitoba

I graduated from the University of Manitoba in Winnipeg, Manitoba, and received my Bachelor of Science Degree, 4 Year Major Program in Geological Sciences in 1988.

I have practiced continuously as an exploration or mine geologist from that time until present.

I am currently registered as a professional geologist with the Association of Professional Engineers and Geoscientists of Manitoba (APEGM), Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) and Association of Professional Geoscientists of Ontario (APGO).

I am currently providing consulting services to Temex Resources Corporation.

I have no interest, either directly or indirectly, in the subject property or the client company.

This report is based on a study of all information made available to me, both published and unpublished, and on information collected in the field by me, or provided to me during the period March 15, 2004 to February 13, 2005.

Although the information supplied to me is believed to be accurate and all reasonable care has been taken in the completion of this report, I hereby disclaim any and all liability arising out of its use or circulation. While I stand by my interpretations, I cannot guarantee the accuracy of the source information and the use of this report or any part thereof shall be at the user's sole risk.

I consent to the use of this report in its entirety in a Prospectus or Statement of Material Facts for the purpose of a private or public financing, or for other such suitable purpose. My written permission is required for the release of any summary or excerpt.

Dated in Winnipeg, Manitoba this 14<sup>th</sup> day of February, 2005.

J. W. Patrick Lengyel, P.Geo.  
PROFESSIONAL GEOSCIENTIST

**2 . 2 9 3 6 6**

**APPENDIX 1**

**OUTCROP DATA, OUTCROP LEGEND,  
STRUCTURE DATA, STRUCTURE LEGEND**

**LEGEND – MANITOU MAPPING 2004**

35	Sloughed in Trench
30	Carbonate Vein
25	Quartz-Ankerite Vein
20	Quartz Vein
15	Diabase Dyke
8	Ultramafic Intrusives-Undivided
8a	Ultramafic Intrusives-Dunite
8b	Ultramafic Intrusives-Peridotite
8b	Ultramafic Intrusives-Pyroxenite
7	Felsic Intrusives-Undivided
7a	Felsic Intrusive-Granite
7b	Felsic Intrusives-Granodiorite
7c	Felsic Intrusives-Tonalite
7p	Felsic Intrusives-Pegmatite
6	Mafic Intrusives-Undivided
6a	Mafic Intrusives-Gabbro
5	Sediments-Undivided
5am	Conglomerate-heterolithic
5ap	Conglomerate-polymictic
5b	Pebble Conglomerate
5c	Greywacke
5d	Arkose
5e	Sandstone
5f	Quartzite
5g	Siltstone
5h	Argillite
5i	Chert
5j	Chert-Magnetite Iron Formation
5k	Silicate Iron Formation
5l	Sulphide Iron Formation
5m	Carbonate Iron Formation
4	Felsic Volcanic
3	Intermediate
2	Mafic
1	Ultramafic

a-massive

b-pillow

c-flow top bx

d-porphyritic

e-tuff breccia

f-lapilli tuff

g-ash tuff

h-crystal tuff -QX, -QFX, -FX

h-plag phyric

i-variolitic

**Alteration**

weak, moderate, strong

**AltMinType**

perv-pervasivfe

selv-vein selvage

ff-fracture fill

**Alteration Minerals**

ank-ankerite

cal-calcite

chl-chlorite

ser-sericite

sil-silica

tal-talc

lim-limonite

serp-serpentine

epi-epidote

tour-tourmaline

fu-fuchsite

UTM_East	UTM_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1	AltMin_1_t	AltMin_1_s	AltMin_2	AltMin_2_t	AltMin_2_s	AltMin_3	AltMin_3_t	AltMin_3_s
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492227	5448902	oc		3 g		0		0									
492526	5448828	oc		3 g		0		0	cal	perv	weak to st						
492548	5448803	oc		3 g		0		0									
492622	5448800	oc		3 g		0		0	cal	perv	weak	ank	ff	rare			
492693	5448745	oc		3 g		0		0									
492703	5448723	oc		3 g		0		0	ank	ff	rare						
492791	5448707	oc		3 g		0		0									
492807	5448703	oc		3 g		0		0									
492828	5448690	oc		3 g		0		0	cal	perv	weak	cal	ff	local			
492845.5	5448678	oc		3 a		0		0									
492821.8	5448515	oc		3 a		0		0									
492828	5448417	oc		3 a		0		0									
492797	5448360	oc		3 g		0		0									
492765	5448317	oc		3 g		0		0	cal	perv	weak						
492649	5448237	oc		3 g		0		0									
492658	5448193	oc		3 a		0		0									
492621	5448126	oc		3 a		0		0									
492606	5448096	oc		3 a		0		0									
492403	5448083	oc		3 g		0		0									
492452	5448191	oc		3 g		0		0									
492554	5448285	oc		3 g		0		0									
492561	5448364	oc		3 g		0		0	cal	perv	strong						
492147	5448721	oc		3 e		0		0									
491998	5448903	oc		3 g		0		0	ank	ff	rare						
490616	5448834	oc		3 e		3 d		0									
490586	5448830	oc		3 e		0		0									
490572	5448814	oc		3 e		0		0									
490335	5448719	oc		3 g		3 e		0									
490295	5448740	oc		3 g		3 e		0									
490244	5448720	oc		3 g		0		0									
490207	5448619	oc		3 g		0		0									
490176	5448683	oc		3 e		3 d		0									
490070	5448641	oc		3 e		0		0									
489968	5448675	oc		3 a		3 e		3 g									
489946	5448783	oc		3 e		0 g		0									
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489805.4	5448968	oc		3 e		0		0									
489799	5449124	oc		3 g		0		0	py	dis	rare						

UTM_East	UTM_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1_t	AltMin_1_s	AltMin_2_t	AltMin_2_s	AltMin_3_t	AltMin_3_s
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489543	5448088	oc		3 e		0		0						
489573	5448136	oc		2 a		0		0						
489600	5448157	oc		2 a		0		0						
489636	5448183	oc		2 a		0		0						
489684	5448229	oc		3 e		0		0						
489734	5448173	oc		3 e		0		0						
489713	5448234	oc		3 g		0		0						
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489830	5448500	oc		3 e		0		0						
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UTM_East	UTM_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1	AltMin_1_t	AltMin_1_s	AltMin_2	AltMin_2_t	AltMin_2_s	AltMin_3	AltMin_3_t	AltMin_3_s
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491088.8	5449306	oc		6 b	0		0										
491097.5	5449298	oc		6 b	0		0										
491097.2	5449304	oc		6 a	0		0										
491082.8	5449301	oc		3 d	0		0										
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491098.3	5449291	oc		3 g	0		0										
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491097.8	5449312	oc		3 g	0		0										
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491151.4	5449330	oc		85	0		0										
491182.2	5449334	oc		80	0		0										
491082.5	5449370	oc		3 d	0		0										
491071.3	5449381	oc		3 h	0		0										
491078.1	5449386	oc		3 h	0		0										
491097.8	5449381	oc		3 g	3 h		0										
491048.3	5449400	oc		3 h	0		0			cal	ff		weak				
491061.3	5449424	oc		3 h	0		0			cal	ff		weak				
491058.9	5449398	na		99	0		0										
491091.2	5449411	na		99	0		0										
491071.6	5449439	oc		3 e	0		0			cal	perv		mod				
491129	5449423	oc		3 a	0		0										
491135.1	5449434	oc		3 a	0		0										
491172	5449406	oc		4 a	0		0			ser	perv		weak				
491163.7	5449390	oc		3 h	0		0										
491164.7	5449403	oc		3 h	0		0										
491177.8	5449427	oc		2 b	0		0										
491155.2	5449371	oc		3 e	0		0										
491163.2	5449369	oc		3 a	0		0										
491183.6	5449387	oc		3 e	0		0										
491187.7	5449387	so		3 g	0		0										
491174.7	5449452	oc		3 e	0		0										
491173.8	5449456	oc		3 g	0		0										
491178.3	5449478	oc		3 e	0		0										
491178.6	5449499	oc		3 g	3 e		0										

UTM_East	UTM_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1_t	AltMin_1_s	AltMin_2_t	AltMin_2_s	AltMin_3_t	AltMin_3_s
491209	5449502	oc	3	g	0		0							
491207.6	5449488	oc	3	es	0		0							
491216.5	5449502	oc	2	b	0		0							
491160	5449342	na		99			0		0					
491173.9	5449334	na		99			0		0					
491192.9	5449353	oc		25			0		0					
491191.7	5449354	oc		25			0		0					
491190.1	5449354	oc		25			0		0					
491194.5	5449355	oc		25			0		0					
491190.1	5449349	oc		25			0		0					
491193.8	5449356	oc		25			0		0					
491185.9	5449348	oc		25			0		0					
491185.4	5449348	oc		25			0		0					
491184.7	5449348	oc		25			0		0					
491194.2	5449352	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491193	5449353	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491191.5	5449354	oc	3	a	0		0	chl	perv	weak-mod	cal	perv	weak	ank
491190.9	5449354	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491194.9	5449355	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491195.2	5449355		0		0		0							
491193.2	5449354	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491191.5	5449357	oc	3	a	3	h	0	cal	perv	mod-5m fm	cal	ff	mod-5m fro	
491190.4	5449348	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491191.2	5449348	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491188.9	5449347	oc	3	a	0		0	cal	perv	weak	chl	perv	mod	ank
491185.1	5449348	oc	3	a	0		0	cal	perv	weak	ank	ff	weak	chl
491184.2	5449349	oc	3	a	0		0	chl	perv	weak	cal	perv	weak	ank
491181.9	5449344	oc		25			0	ank	ff	weak	tour	ff	weak	
491179.4	5449342	oc		25			0	ank	ff	weak				
491183.2	5449343	oc	3	a	0		0	ank	ff	weak	cal	perv	weak	chl
491182.1	5449342	oc	3	a	0		0	ank	ff	weak	cal	perv	weak	chl
491179.3	5449344		3		0		0							
491187.3	5449348	oc		25			0	ank	ff	weak	tour	ff	weak	
491174.8	5449335	oc		3	d		0	cal	per	weak	ank	ff	weak	

UTM_East	UTM_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1	AltMin_1_t	AltMin_1_s	AltMin_2	AltMin_2_t	AltMin_2_s	AltMin_3	AltMin_3_t	AltMin_3_s
491180.7	5449343	oc		99		0		0									
491158	5449264	ls		3 e		3 g		3 d	chl	pv	mod	carb	pv	wk			
491276.6	5449847	oc		3 e		0		0	cal	pv	wk	chl	pv	mod			
491274.7	5449768	oc		3 e		0		0	cal	pv	wk	chl	pv	mod			
491303	5449719	oc		3 d		3 e		0		cal	pv	wk	chl	pv	mod		
491388.9	5449587	oc		3 fQ		0		0	chl	pv	mod						
491382	5449548	oc		3 gH		0		0	chl	pv	mod	chl	str	wk			
491398.6	5449479	oc		3 dH		3 eHE		25	chl	pv	mod	carb	pv	mod			
491388.9	5449419	oc		3 eH		0		0	chl	pv	mod						
491372.3	5449317	oc		3 eH		3 gHO		0	chl	pv	mod						
491367.4	5449272	oc		3 dH		30		0	chl	pv	mod	cal	pv	str			
491321.5	5449199	oc		3 dH		0		0	chl	pv	mod						
491131.2	5448898	oc		3 eH		0		0	chl	pv	mod	cal	pv	wk			
491035.5	5448878	oc		3 g		3 eHO		0	chl	pv	mod						
490871.5	5448927	oc		3 g		30		0	chl	pv	mod						
490820.7	5448890	oc		3 g		30		0	chl	pv	mod						
490611.8	5449009	oc		3 dH		3 g		0	chl	pv	mod						
491158.5	5449095	ls		3 eH		3 fFQ		3 g	chl	pv	mod	carb	pv	str			
491155.6	5449038	ls		3 e		0		0	chl	pv	mod						
491422.1	5449892	oc		3 dH		0		0	chl	pv	mod						
491338.1	5449896	oc		3 fF		0		0	chl	p	mod						
491301	5449883	oc		3 eH		0		0	chl	pv	mod						
491331.3	5449836	oc		3 eH		3 g		3 b	chl	pv	mod						
491477.7	5449623	oc		3 eH		0		0	chl	pv	mod						
491492.3	5449928	oc		3 gH		0		0	chl	pv	mod	cal	pv	mod			
491512.8	5449935	oc		3 eH		3 gHO		0	chl	pv	mod						
491716.9	5449967	oc		3 dH		3 eHO		0	chl	pv	mod						
491750.1	5449902	oc		3 eH		3 dHO		0									
491713	5449779	oc		3 b		0		0									
491691.5	5449765	oc		3 b		0		0	cal	pv	mod	chl	sel	str			
491796.9	5449683	oc		3 eH		0		0									
491798.8	5449663	oc		3 eH		0		0									
491559.7	5449515	oc		3 eH		3 gHO		0									
491579.2	5449697	oc		3 b		0		0									
491061.9	5449414	oc		3 e		0		0									
491053	5449436	oc		3 e		0		0									
491007.2	5449443	oc		3 fQ		0		0	carb	pv	wk						
490998.4	5449526	oc		3 fQ		0		0									
490966	5449533	oc		3 fQ		0		0									
490970.9	5449520	oc		3 fQ		0		0									

UTM_East	UTM_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1	AltMin_1_t	AltMin_1_s	AltMin_2	AltMin_2_t	AltMin_2_s	AltMin_3	AltMin_3_t	AltMin_3_s
490918.9	5449558	oc	3	fQ	0	0	0	carb	pv	str							
490893	5449585	oc	3	fF	0	0	0	carb	pv	str							
490890	5449587	oc	3	fF	0	0	0	carb	pv	str							
490883.2	5449588	oc	3	fF	0	0	0	carb	pv	str							
490870.5	5449325	oc	3	dH	0	0	0	chl	pv	mod							
490820.3	5449301	oc	3	dH	0	0	0	chl	pv	mod							
490912.5	5449273	oc	3	eH	0	0	0										
490925.1	5449284	oc	3	eH	0	0	0										
490936.8	5449270	oc	3	eH	0	0	0										
490972.5	5449258	oc	3	e	3	g	0										
490928.1	5449231	oc	3	e	3	g	3	d									
490967.2	5449685	oc	3	fQ	0	0	0										
491101.9	5449661	oc	3	g	0	0	0										
491825.2	5449577	oc	3	eH	0	0	0										
491847.7	5449631	oc	3	eH	0	0	0										
491949.2	5449617	oc	3	gH	3	eHO	0										
492456.8	5449806	oc	3	gH	0	0	0										
492769.2	5449584	oc	3	dH	0	0	0										
492901	5449604	oc	3	gH	0	0	0	chl	pv	str							
493152.8	5449707	oc	25		0	0	0										
493171.4	5449709	oc	3	gH	0	0	0										
492878.5	5449496	oc	3	gH	3	dHO	0										
491963.8	5449353	oc	3	eH	0	0	0										
491897.5	5449388	oc	3	gH	0	0	0										
491552.9	5449640	oc	3	eH	0	0	0	chl	pv	str	carb	pv	mod-str				
491451.3	5448761	oc	3	eH	0	0	0										
491501.1	5448710	oc	3	eH	0	0	0										
491529.4	5448671	oc	3	eH	3	g	0										
491606.6	5448572	oc	3	eH	0	0	0										
491637.8	5448551	oc	3	eH	3	gHO	2	gH									
491728.6	5448451	oc	3	dH	0	0	0										
492114.2	5447685	oc	3	dH	3	eHO	25	ank	vein	mod							
492128.8	5447750	oc	3	gH	0	0	0										
491318.6	5448405	oc	3	gH	3	eHO	0										
491280.5	5448437	oc	3	gH	0	0	0	ser	pv	wk-mod	carb	pv	mod	sil	pv	mod	
491278.6	5448481	oc	3	dH	0	0	0										
491325.4	5448657	oc	3	eH	0	0	0										
490565.1	5449173	oc	3	dH	3	g	0										
490700.3	5449224	oc	3	dH	3	eHE	0										
490808	5449205	oc	3	dH	3	eHE	0										
490879.8	5449234	oc	3	dH	3	eHE	0										
490771	5447655	oc	25		4	a	0	ser	pv	wk	sil	pv	wk	carb	pv	mod	
490782.7	5447749	oc			4	a	0	0	ser	pv	mod	sil	pv	wk			

UTM_East	UTM_North	Frac_densi	color_W	color_F	minz	minz_style	minz_perc	Comments
491930	5448968							
492169	5448917							
492227	5448902							
492526	5448828							strongly foliated, variable pervasive cal cbt'n
492548	5448803							
492622	5448800							possibly subcrop
492693	5448745							
492703	5448723							weak sheared, rare ank along fol'n
492791	5448707							mod foliated
492807	5448703							chi'd pumice frags
492828	5448690							
492845.5	5448678							mod foliated
492821.8	5448515							weak to mod foliation
492828	5448417							
492797	5448360							chi'l pumice frags
492765	5448317							
492649	5448237							5% chi'l pumice frags
492658	5448193							
492621	5448126							weak to non foliated
492606	5448096							
492403	5448083							plag phryic
492452	5448191							plag phryic
492554	5448285							mod fol'd, chi'l pumice frags
492561	5448364							strongly sheared over 5m width
492147	5448721							
491998	5448903							
490816	5448834							mod flattened, mod foln
490586	5448830							
490572	5448814							
490335	5448719							plag phryic
490295	5448740							chi'd pumice frags
490244	5448720							
490207	5448619							
490176	5448683							weakly flattened frags
490070	5448641							
489968	5448675							v large o/c, interbedded flows & tuff
489946	5448783							
489935	5448817							topo low lineament to NW of o/c
489907	5448834							weak foliation/flattening
489902	5448872							
489906	5448889							
489890	5448923							mod flattened/foliated
489855	5448953							
489805.4	5448968							large ridge w N-S break tr dis py across 1.5m wide rusty o/c
489799	5449124							

UTM_East	UTM_North	Frac_densi	color_W	color_F	minz	minz_style	minz_perce	Comments
489736	5449188							similar to tuff bx near showing on island, Neilson Lake
489900	5449157							mod foliated
489974	5449114							
490051	5449108							
490068	5449097							extension of other plv'd flow to west?
490098	5449076							sharp drop in elevation to SE - SZ?
490160	5449066							sharp drop in elevation to NW - SZ?
490221	5449029							
490287	5449021							
490517	5448960							plag phryic ash tuff, 1-10cm QV w rusty stain, no altn
489680	5448748							
489519	5448662							plag phryic
489448	5448594							mod fol'd, local perv cal cbtn
489411	5448594							plag phryic ash tuff
489825	5448782							swamp, topo low between this and o/c to west
489519	5448662							plag phryic
489373	5448587							large open o/c gradation to het tuff bx, minor synvolc-
489326	5448553							weak to mod fol'd
489265.2	5448563							
489395	5448257							mafic flow - as in gov't map
489543	5448088							flattening ratio 3:1
489573	5448136							sporadic ff calcite along NW side of small bay
489600	5448157							str shrd over 10m, pink-orange stringer (K, Ank? pegm?)
489636	5448183							str fol'd, wavy arcuate folding of fol'n (early drag fo
489684	5448229							mod foliated
489734	5448173							
489713	5448234							plag phryic ash tuff, weak fol'd
489631	5448281							weak fol'd
489772	5448397							mod fol'd
489830	5448500							plag phryic
491585.2	5449862	mod	bge	white	py	diss,str	tr-1	
491565.6	5449861	mod	bge	white	py	diss,str	tr-1	
491564.9	5449862	mod	bge	white	py	diss,str	tr-1	
491565	5449862	mod	bge	white	py	diss,str	tr-1	
491564.9	5449861	mod	bge	white	py	diss,str	tr-1	
491564.6	5449863	mod	bge	white	py	diss,str	tr-1	
491564.6	5449863	mod	brn	med grn	py	diss		0.5

UTM_East	UTM_North	Frac_densi	color_W	color_F	minz	minz_style	minz_perc	Comments
491094	5449335							synvolcanic int volc intrusion or massive flow
491090.7	5449319							graded bedding on NE contact, tops to NE
491083.2	5449317							frags up to 80x70cm, angular to subround
491085.3	5449309							
491088.8	5449306							
491097.5	5449298							
491097.2	5449304							
491082.8	5449301							
491091.2	5449295							thin (<2mm) bedded, tops to NE fm graded bedding
491089.5	5449306							
491098.3	5449291							
491097.2	5449301							
491097.8	5449312							
491106.2	5449314							
491112.1	5449318							synvolc intrusion? massive flow?
491131.5	5449334							frags flattened from 1:1 to 2:1
491151.4	5449330							Tailings, coarse and fine, from crusher, mainly quartz
491182.2	5449334							waste rock from mine (int volc)
491082.5	5449370							
491071.3	5449381							chi pumice frags?
491078.1	5449386							
491097.8	5449381							chi pumice frags?
491048.3	5449400							
491061.3	5449424							
491058.9	5449398							old log cabin foundation cast iron cookstove-old log building?
491091.2	5449411							
491071.6	5449439							
491129	5449423							
491135.1	5449434							
491172	5449406							
491163.7	5449390							massive plag phric int flow
491164.7	5449403							
491177.8	5449427							plag phric, tops to south?
491155.2	5449371							
491163.2	5449369							
491183.6	5449387							S-folded stratigraphy
491187.7	5449387							
491174.7	5449452							mod flattened 2:1-3:
491173.8	5449456							
491178.3	5449478							
491178.6	5449499							alternating beds of ash and lapilli tuff

UTM_East	UTM_North	Frac_dens	color_W	color_F	minz	minz_style	minz_perc	Comments
491209	5449502							
491207.6	5449488							
491216.5	5449502							
491160	5449342							Shaft - 2.5m to water, records indicate 80ft depth - NO
491173.9	5449334							Glory Hole #2 - 0.5m deep, filled with rubble, tailings
491192.9	5449353	mod	white	white	cpx, py	dis bleb	tr	rare spec sulphide, esp towards margin
491191.7	5449354	mod	white	white				
491190.1	5449354	mod	white	white				
491194.5	5449355	mod	white	white				
491190.1	5449349	mod						
491193.6	5449356	mod-str						complex folding?
491185.9	5449348							
491185.4	5449348							QV w tr ank, tr tourm fract
491184.7	5449348	mod	white	white	rare py	dis, str	tr	mod fract'd quartz vein w <5% ankerite, tourm lined fra
491194.2	5449352	mod-strong						
491193	5449353	mod-strong						
491191.5	5449354	mod-strong						
491190.9	5449354	mod						
491194.9	5449355	strong						
491195.2	5449355							
491193.2	5449354							
491191.5	5449357	strong within 5						rock is strongly fractured in 5m halo to vein, pitted d
491190.4	5449348	mod	dark gre	dark gre	cpx, py	dis bleb	1%	sporadic sulphides adj to QV margin
491191.2	5449348	weak	dark gre	dark gre	cpx	dis blebs < tr		sporadic sulphides adj to QV blebs of py, cpx adjacent to veins (20cm) locally
491188.9	5449347	mod	dark gre	dark-med	py, cpx	dis	tr	str shrd wallrock to vein, str altn to 20cm, sporadic p
491185.1	5449348	mod	dark gre	dark-med	py, cpx	dis	tr bleb loca	sporadic sulphides within 20cm of vein
491184.2	5449349	mod	dark gre	med-dk g	py, cpx	dis bleb/sp	tr	rare spec/bleb py, cpx, esp towards margin
491181.9	5449344	mod	white	white	py, cpx	dis	tr	rare spec/bleb of py>py in mod fract'd white QV
491179.4	5449342	mod	white	white	py, cpx	dis	tr	mod alt'n adj to QV
491183.2	5449343	mod	green-gr	med-dk g	py	dis	tr	20cm alt'n adj to QV
491182.1	5449342	mod	green-gr	med-dk g	py	dis	tr	HW to vein, mod alt'd, local py
491179.3	5449344							
491187.3	5449348	mod-str			cpx	dis blebs < tr overall		QV, white, rare blebs <5cm diam, along vein edge & adja no QV in o/c
491174.8	5449335							

UTM_East	UTM_North	Frac_densi	color_W	color_F	minz	minz_style	minz_perce	Comments
491180.7	5449343							Glory Hole #1 (deep pit/shaft on vein) - 2.5m to water-
491158	5449264	wk	beige	lt-med g				Succession of tuffs. Bedding drag folded into shear.
491276.6	5449847	wk	lt brown	med gree				Pitted on weathered surface from diss of cal vugs
491274.7	5449768	wk	lt brown	med gree				pitted unit
491303	5449719	wk	lt brown	med gree				contact b/w 3e & 3d @ Az144
491388.9	5449587	wk	lt brown	med gree	py	diss	1	1mm cubic py
491382	5449548	wk	lt brown	med gree				barren carb str
491398.6	5449479	wk	lt brown	med gree	py	diss	tr	10cm z-folded QV in forst heave off cliff
491388.9	5449419	wk	lt brown	med gree				
491372.3	5449317	wk	lt brown	med gree				
491367.4	5449272	mod	med brow	med gree	py+cpy	diss	5	2cm QCV has 1-2% sx, wallrock has 5%
491321.5	5449199	wk	lt brown	med gree				
491131.2	5448898	mod	dk beige	lt-med g	py	diss	0.5	0.5m shears cut oc
491035.5	5448878	wk	lt brown	med gree	py+cpy	diss	0.5	
490871.5	5448927	wk	lt brown	med gree	py	diss	tr	10-15cm spaced 1-3cm QCV's
490820.7	5448890	mod	lt brown	med gree	py	diss	1	0.5m shear cuts oc, 5cm QCV cuts oc and is in rubble
490611.8	5449009	mod	med brow	med gree				mod fol'n
491158.5	5449095	mod	lt brown	lt-med g				
491155.6	5449038	wk	lt brown	med gree				
491422.1	5449892	wk	lt brown	med gree				
491338.1	5449896	mod	med brow	med gree	py	f diss	tr	1% gnt
491301	5449883	wk	med brow	med gree				
491331.3	5449836	mod	lt beige	med gree	py	diss	0.5	1mm cubic py
491477.7	5449623	wk	lt brown	med gree				
491492.3	5449928	wk	lt brown	med gree				
491512.8	5449935	wk	lt brown	med gree				
491716.9	5449967	wk	lt brown	med gree				
491750.1	5449902	wk	lt brown	med gree				
491713	5449779	wk	med brow	med gree				
491691.5	5449765	wk	lt green	med gree				pillows?? tuff bx??
491796.9	5449683	wk	lt brown	med gree				
491799.8	5449663	wk	lt brown	med gree				
491559.7	5449515	wk	lt brown	med gree				
491579.2	5449697	wk	lt brown	med gree				pillows?? tuff bx??
491061.9	5449414	wk	lt brown	lt gy-gr				
491053	5449436	wk	lt brown	lt gy-gr				
491007.2	5449443	wk	med brn	lt gy-gr				
490998.4	5449526	wk	med brn	med gm				
490966	5449533	wk	med brn	med gm				
490970.9	5449520	wk	med brn	med gm				

UTM_East	UTM_North	Frac_dens	color_W	color_F	minz	minz_style	minz_perc	Comments
490918.9	5449558	wk	med brn	med gm				
490893	5449585	str	med brn	med gm				30cm shear
490890	5449587	str	med brn	med gm				30cm shear
490883.2	5449588	str	med brn	med gm				30cm shear
490870.5	5449325	wk	med brn	med gm				
490820.3	5449301	wk	med brn	med gm				
490912.5	5449273	wk	med brn	med gm				
490925.1	5449284	wk	med brn	med gm				
490936.8	5449270	wk	med brn	med gm				
490972.5	5449258	wk	beige	lt-med g				
490928.1	5449231	wk	lt brn	med gm				
490967.2	5449685							
491101.9	5449661	wk	lt brn	med gm				
491825.2	5449577	wk	med brn	med gm				
491847.7	5449631	wk	med brn	med gm				
491949.2	5449617	wk	med brn	med gm				
492456.8	5449806	wk	med brn	med gm				
492769.2	5449584	wk	med brn	med gm				
492901	5449604	mod	brn	med-dk g				
493152.8	5449707	wk	white	white	py	diss	v.tr	no host rx vis. QV in 6' relief
493171.4	5449709	str	brn	lt gm				
492878.5	5449496	wk	med brn	med gm				
491963.8	5449353	wk	med brn	med gm				
491897.5	5449388	wk	med brn	med gm				
491552.9	5449640	mod	lt-med b	lt gm				
491451.3	5448761	wk	med brn	med gm				
491501.1	5448710	wk	med brn	med gm				
491529.4	5448671	mod	med brn	med gm				
491606.6	5448572	mod	lt gray	lt-med g				ridges // foln
491637.8	5448551	wk	lt-med g	med gm				xeno of mafic
491728.6	5448451	wk	lt gray-g	med gm				pyroclastic flow??
492114.2	5447685	mod	brn	beige				3cm QV w/ ank
492128.8	5447750	mod	gy-brn	med gm				
491318.6	5448405	wk	lt gm	med gm				1-2cm QV // foln
491280.5	5448437	mod-str	goss	lt gm-b	py	diss,str	0.5	
491278.6	5448481	wk-mod	grn,beig	grn-beig				large felsic frags
491325.4	5448657	wk	med brn	med gm				
490565.1	5449173	wk	lt-med b	med gm				
490700.3	5449224	wk	med brn	med gm				
490808	5449205	wk	med brn	med gm				
490879.8	5449234	wk	med brn	med gm				
490771	5447655		white, l	white, l				~3m wide (?) milky white QV
490782.7	5447749	strong	brown	beige				Mod-strongly sheared sm oc

MG_East	MG_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1	AltMin_1_t	AltMin_1_s	AltMin_2	AltMin_2_t	AltMin_2_s	AltMin_3
509.41	81.1424	oc		3 a	0		0								
514.445	65.1968	oc		3 g	0		0								
512.527	61.7199	oc		3 d	0		0								
516.604	54.9461	oc		6 a	0		0								
519.001	53.1477	oc		6 b	0		0								
526.674	49.3112	oc		6 b	0		0								
524.036	54.7063	oc		6 a	0		0								
518.641	47.6791	oc		3 d	0		0								
525.448	44.7211	oc		3 g	0		0								
519.72	54.4665			0	0		0								
529.552	42.7771	oc		3 g	0		0								
524.755	52.6082	oc		3 g	0		0								
522.238	61.7231	oc		3 g	0		0								
522.717	65.7663	oc		3 d	0		0								
523.377	71.0116	oc		3 a	0		0								
525.955	90.9136	oc		3 d	0		0								
537.704	91.3932	oc		85	0		0								
548.384	106.173	oc		80	0		0								
487.681	109.697	oc		3 d	0		0								
477.398	115.731	oc		3 h	0		0								
478.252	122.85	oc		3 h	0		0								
489.388	123.884	oc		3 g	3 h	0	0								
457.256	126.042	oc		3 h	0		0		cal	ff	weak				
453.42	151.579	oc		3 h	0		0		cal	ff	weak				
464.33	127.96	na		99	0		0								
473.322	148.462	na		99	0		0								
451.742	168.244	oc		3 e	0		0		cal	perv	mod				
484.472	170.881	oc		3 a	0		0								
482.794	182.151	oc		3 a	0		0								
511.613	167.911	oc		4 a	0		0		ser	perv	weak				
518.089	149.707	oc		3 h	0		0								
508.627	162.53	oc		3 h	0		0								
502.852	190.236	oc		2 b	0		0								
518.13	132.878	oc		3 e	0		0								
525.113	132.42	oc		3 a	0		0								
525.272	154.746	oc		3 e	0		0								
528.266	155.936	so		3 g	0		0								
494.034	209.945	oc		3 e	0		0								
489.508	212.724	oc		3 g	0		0								
475.972	236.822	oc		3 e	0		0								
471.893	252.108	oc		3 g	3 e	0	0								
485.345	266.855	oc		3 g	0		0								

MG_East	MG_North	OC_type	PrimLithNo	PrimLithMc	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1	AltMin_1_t	AltMin_1_s	AltMin_2	AltMin_2_t	AltMin_2_s	AltMin_3
488.189	253.307	oc		3 es	0		0								
489.268	267.454	oc		2 b	0		0								
535.015	106.892	na		99	0		0								
544.918	103.453	na		99	0		0								
544.758	126.75	oc		25	0		0								
543.922	126.683	oc		25	0		0								
543.161	126.83	oc		25	0		0								
544.734	128.38	oc		25	0		0								
545.311	122.015	oc		25	0		0								
543.77	129.308	oc		25	0		0								
543.972	119.829	oc		25	0		0								
543.803	119.613	oc		25	0		0								
543.253	119.573	oc		25	0		0								
545.919	125.835	oc		3 a	0		0	chl	perv	weak	cal	perv	weak	ank	
544.257	127.094	oc		3 a	0		0	chl	perv	weak	cal	perv	weak	ank	
543.852	126.683	oc		3 a	0		0	chl	perv	weak-mod	cal	perv	weak	ank	
543.412	126.71	oc		3 a	0		0	chl	perv	weak	cal	perv	weak	ank	
544.901	128.573	oc		3 a	0		0	chl	perv	weak	cal	perv	weak	ank	
544.945	129.011			0	0		0								
544.429	127.594	oc		3 a	0		0	chl	perv	weak	cal	perv	weak	ank	
542.539	128.64	oc		3 a	3 h		0	cal	perv	mod-5m fr	cal	ff	mod-5m fro		
545.928	121.555	oc		3 a	0		0	chl	perv	weak	cal	perv	weak	ank	
546.255	121.595	oc		3 a	0		0	chl	perv	weak	cal	perv	weak		
545.85	119.583	oc		3 a	0		0	cal	perv	weak	chl	perv	mod	ank	
543.863	119.654	oc		3 a	0		0	cal	perv	weak	ank	ff	weak	chl	
542.834	119.859	oc		3 a	0		0	chl	perv	weak	cal	perv	weak	ank	
543.816	115.114	oc		25	0		0	ank	ff	weak	tour	ff	weak		
543.769	112.832	oc		25	0		0	ank	ff	weak					
544.943	114.781	oc		3 a	0		0	ank	ff	weak	cal	perv	weak	chl	
544.908	113.204	oc		3 a	0		0	ank	ff	weak	cal	perv	weak	chl	
542.82	114.193			3	0		0								
544.634	120.721	oc		25	0		0	ank	ff	weak	tour	ff	weak		
544.887	104.804	oc		3 d	0		0	cal	per	weak	ank	ff	weak		
543.937	113.917	oc		99	0		0								

MG_East	MG_North	AltMin_3_t	AltMin_3_s	Frac_dens	color_W	color_F	minz	minz_style	minz_perce	Comments
509.41	81.1424									synvolcanic int volc intrusion or massive flow
514.445	65.1968									graded bedding on NE contact, tops to NE
512.527	61.7199									frags up to 80x70cm, angular to subround
516.604	54.9461									
519.001	53.1477									
526.674	49.3112									
524.036	54.7063									
518.641	47.6791									
525.448	44.7211									thin (<2mm) bedded, tops to NE fm graded bedding
519.72	54.4665									
529.552	42.7771									
524.755	52.6082									
522.238	61.7231									
522.717	65.7663									
523.377	71.0116									synvolc intrusion? massive flow?
525.955	90.9136									frags flattened from 1:1 to 2:1
537.704	91.3932									Tailings, coarse and fine, from crusher, mainly quartz
548.384	106.173									waste rock from mine (int volc)
487.681	109.697									
477.398	115.731									chl pumice frags?
478.252	122.85									
489.388	123.884									chl pumice frags?
457.256	126.042									
453.42	151.579									
464.33	127.96									old log cabin foundation
473.322	148.462									cast iron cookstove-old log building?
451.742	168.244									
484.472	170.881									
482.794	182.151									
511.613	167.911									
518.089	149.707									massive plag phric int flow
508.627	162.53									
502.852	190.236									plag phric, tops to south?
518.13	132.878									
525.113	132.42									
525.272	154.746									S-folded stratigraphy
528.266	155.936									
494.034	209.945									mod flattened 2:1-3:
489.508	212.724									
475.972	236.822									
471.893	252.108									alternating beds of ash and lapilli tuff
485.345	266.855									

MG_East	MG_North	AltMin_3_t	AltMin_3_s	Frac_dens	color_W	color_F	minz	minz_style	minz_perc	Comments
488.189	253.307									
489.268	267.454									
535.015	106.892									Shaft - 2.5m to water, records indicate 80ft depth - NO
544.918	103.453									Glory Hole #2 - 0.5m deep, filled with rubble, tailings
544.758	126.75			mod	white	white	cpx, py	dis bleb	tr	rare spec sulphide, esp towards margin
543.922	126.683			mod	white	white				
543.161	126.83			mod	white	white				
544.734	128.38			mod	white	white				
545.311	122.015			mod						
543.77	129.308			mod-str						complex folding?
543.972	119.829									
543.803	119.613									
543.253	119.573			mod	white	white	rare py	dis, str	tr	
545.919	125.835 ff			weak	mod-strong					
544.257	127.094 ff			weak	mod-strong					
543.852	126.683 ff			weak	mod-strong					
543.412	126.71 ff			weak	mod					
544.901	128.573 ff			weak	strong					
544.945	129.011									
544.429	127.594 ff			weak						
542.539	128.64			strong within 5						rock is strongly fractured in 5m halo to vein, pitted d
545.928	121.555 ff			weak	mod	dark gre	dark gre	cpx, py	dis bleb	1% sporadic sulphides adj to QV margin
546.255	121.595 ank ff			weak	dark gre	dark gre	cpx	dis blebs < tr		sporadic sulphides adj to QV
545.85	119.583 ff			weak	mod	dark gre	dark-med	py, cpx	dis	blebs of py, cpx adjacent to veins (20cm) locally
543.863	119.654 perv			weak	mod	dark gre	dark-med	py, cpx	dis	str shrd wallrock to vein, str alt'n to 20cm, str alt'n to 20cm, sporadic p
542.834	119.859 ff			weak	mod	dark gre	med-dk g	py, cpx	dis bleb/tr	sporadic sulphides within 20cm of vein
543.816	115.114			mod	white	white	py, cpx	dis	tr	rare spec/bleb py, cpx, esp towards margin
543.769	112.832			mod	white	white	py, cpx	dis	tr	rare spec/bleb of py>py in mod fract'd white QV
544.943	114.781 perv			weak	mod	green-gr	med-dk g	py	dis	20cm alt'n adj to QV
544.908	113.204 perv			weak	mod	green-gr	med-dk g	py	dis	HW to vein, mod alt'd, local py
542.82	114.193									
544.634	120.721			mod-str			cpx	dis blebs < tr overall		QV, white, rare blebs <5cm diam, along vein edge & adja
544.887	104.804									no QV in o/c
543.937	113.917									Glory Hole #1 (deep pit/shaft on vein) - 2.5m to water-

UTM_East	UTM_North	OC_type	PrimLithNo	PrimLithMo	SecLithNo	SecLithMo	TertLithNo	TertLithMo	AltMin_1	AltMin_1_t	AltMin_1_s	AltMin_2	AltMin_2_t	AltMin_2_s
491565.2	5449862	oc	25		0		0		chl	vn	mod			
491565.6	5449861	oc	25		0		0		chl	vn	mod			
491564.9	5449862	oc	25		0		0		chl	vn	mod			
491565	5449862	oc	25		0		0		chl	vn	mod			
491564.9	5449861	oc	25		0		0		chl	vn	mod			
491564.6	5449863	oc	25		0		0		chl	vn	mod			
491564.6	5449863	oc	3	e	0		0							

UTM_East	UTM_North	AltMin_3_t	AltMin_3_s	Frac_dens	color_W	color_F	minz	minz_style	minz_perc	Comments
491565.2	5449862			mod	bge	white	py	diss,str	tr-1	
491565.6	5449861			mod	bge	white	py	diss,str	tr-1	
491564.9	5449862			mod	bge	white	py	diss,str	tr-1	
491565	5449862			mod	bge	white	py	diss,str	tr-1	
491564.9	5449861			mod	bge	white	py	diss,str	tr-1	
491564.6	5449863			mod	bge	white	py	diss,str	tr-1	
491564.6	5449863			mod	brn	med grn	py	diss	0.5	

## **Discover Structure Symbol Fonts**

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A range of fill/line styles are supplied with Encom Discover. The symbols may be referred to in one of a number of ways:

- **Symbol Name** - Used with Discover's Structural Data Mapper when placing individual symbols. There are 3 separate structural symbol fonts that are available.
  - “ **Australian** – ET Structural
  - “ **Canada** – ET Structural Canada
  - “ **USA** – ET Structural USA
- **Key and ASCII** - Use this keystroke to display the appropriate symbol when entering text.
- **Discover code** - Used when entering data into a spreadsheet for display with Discover's Structural Data Mapper.
- **AGSO code** - The equivalent code as defined by the Australian Geological Survey Organisation (now referred to as Geoscience Australia). Not all Discover symbols have equivalent AGSO codes.

The Structural symbols are shown below:

Symbol Name	Australia	Canada	USA	Key	ASCII	Discover Code	AGSO Code
Bedding	-	-	-	!	33	1	821
Bedding Horizontal	+	+	⊕	"	34	1	824
Bedding Vertical	-	-	-	*	35	1	825
Bedding Overturned	↖	↖	↖	\$	36	2	826
Overturned horizontal	✳	✳	✳	%	37	2	827
Bedding Facing	-	-	▲	&	38	3	828
Facing vertical	↓	↓	+	'	39	3	829
Facing overturned	↑	↑	↗	(	40	3	8210
Cleavage (s1)	-	-	[	)	41	4	921
Cleavage (s1) vertical	-	-	[	]	42	4	924
Cleavage (s1) horizontal	+	+	+	+	43	4	925
Cleavage (s2)	-	-	-	"	44	5	n/a
Cleavage (s2) vertical	-	-	-	-	45	5	n/a
Cleavage (s2) horizontal	+	+	+	-	46	5	n/a
Cleavage (s3)	-	-	-	/	47	6	n/a
Cleavage (s3) vertical	-	-	-	0	48	6	n/a
Cleavage (s3) horizontal	◆	◆	◆	1	49	6	n/a
Lineation	↑	↑	↑	2	50	8	1021
Lineation vertical	↑	↑	↓	3	51	8	1022
Lineation horizontal	↑	↑	↑	4	52	8	1023
Lineation (L1)	↑	↑	↑	5	53	9	n/a
Lineation (L2)	↑	↑	↑	6	54	10	n/a
Lineation (L3)	↑	↑	↑	7	55	11	n/a
Bedding-Cleavage	↑	↑	↑	8	56	12	1031
Bedding-Cleavage	↑	↑	↑	9	57	12	1032
Horiz	-	-	-	-	-	-	-
Crenulation	↑	↑	↑	:	58	13	1041
Crenulation horizontal	↑	↑	↑	:	59	13	1042
Mineral alignment	↑	↑	↑	<	60	14	1051
Mineral alignment	↑	↑	↑	=	61	14	1052
Horiz	-	-	-	-	-	-	-
Banding/Platy Alignment	-	-	-	>	62	15	1121
Banding/Platy vertical	↔	+	+	?	63	15	1124
Banding/Platy horizontal	◆	+	+	@	64	15	1125
Joint	-	-	-	-	-	-	-
Joint vertical	+	-	-	A	65	16	721
Joint horizontal	+	+	+	B	66	16	723
Foliation	-	-	-	C	67	16	724
Foliation vertical	+	-	-	D	68	17	821
Foliation horizontal	+	-	-	E	69	17	824
Antidine (11)	+	+	+	⊕	70	17	825
Antidine (11) horizontal	+	+	+	P	80	18	n/a
Antidine (12)	+	+	+	Q	81	18	n/a
Antidine (12) horizontal	+	+	+	R	82	19	n/a
Antidine (13)	+	+	+	S	83	19	n/a
Antidine (13) horizontal	+	+	+	T	84	20	n/a
Antidine overturned	⊕	⊕	⊕	U	85	20	n/a
Antidine recumbent	⊖	⊖	⊖	V	86	21	551
Syndine (11)	+	+	+	⊖	87	22	571
Syndine (11) horizontal	+	+	+	Z	90	23	n/a
Syndine (12)	+	+	+	]-	91	23	n/a
Syndine (12) horizontal	+	+	+	]	92	24	n/a
Syndine (13)	+	+	+	^	93	24	n/a
Syndine (13) horizontal	+	+	+	~	94	25	n/a
Syndine overturned	⊕	⊕	⊕	-	95	26	550
Syndine recumbent	⊖	⊖	⊖	a	97	27	575
Normal fault	-	-	-	e	101	28	341
Normal fault - Low Ang	-	-	-	f	102	29	344
Normal fault - High Ang	-	-	-	g	103	30	346
Thrust fault	-	-	-	h	104	31	351
Shear zone	⤒	⤒	⤒	i	105	32	365

Shear zone - Wide	b		b	j	106	33	368
Fault zone breccia	b		b	k	107	34	363
Trend line	l	l	l	l	108	35	371
Parallel lines	—	—	—	m	109	36	n/a
Vein, Dyke	+	—	+	p	112	37	n/a
Vein, Sill	—	—	—	q	113	38	n/a
Dipping shear	~	—	~	r	114	32	n/a
Dipping fault gouge	—	—	—	s	115	42	n/a
Glacial striae (known)	f	f	f	t	116	70	653
Glacial striae (unknown)	i	i	i	u	117	70	654
Oriented drill collar 1	1	6	1	y	121	39	n/a
Oriented drill collar 2	1	1	1	z	122	40	n/a
Oriented drill collar 3	1	1	1		123	41	n/a
Bedding facing unknown	—	—	—		130	46	6211
Bedding facing unk vert	+	+	+		131	46	6212
Younging	1	1	1		132	7	641
Undulating bedding dip	1	1	1		133	47	632
Deformed bedding dip	1	1	1		134	48	633
Minor antidine	↓	↓	↓		140	59	n/a
Minor antidine & plunge	↓	↓	↓		141	80	n/a
Minor syncline	↓	↓	↓		142	61	n/a
Minor syncline & plunge	↓	↓	↓		143	62	n/a
Minor fold with dip	↑	↑	↑		144	83	n/a
Minor fold with plunge	1	1	1		145	84	n/a
Kink fold with plunge	⤒	⤒	⤒		146	85	51420
Asymmetric fold verge left	⤓	⤓	⤓		147	86	n/a
Asymmetric fold verge right	⤔	⤔	⤔		148	87	n/a
Fold verge left	⤓	⤓	⤓		149	88	5158
Fold verge right	⤔	⤔	⤔		150	89	5155
Recum fold verge left	⤓	⤓	⤓		151	70	5154
Recum fold verge right	⤔	⤔	⤔		152	71	5153
Minor fold s vergence	⤓	⤓	⤓		153	72	5159
Minor fold z vergence	⤓	⤓	⤓		154	73	51510
Minor fold m vergence	⤓	⤓	⤓		155	74	51511
Boudin plunge	⤓	⤓	⤓				
Chert contortion plunge	1	1	1		156	75	5157
Mylonitic foliation	—	—	—		157	76	5158
Mylonitic foliation vert	—	—	—		158	77	n/a
Eutaxitic foliation	—	—	—		159	77	n/a
Eutaxitic foliation vert	—	—	—		161	78	n/a
Foliation d1	+	+	+		162	78	n/a
Foliation d2	—	—	—		163	49	831
Foliation d3	—	—	—		164	50	832
Sinistral wrench fault	⤓	⤓	⤓		165	51	833
Dextral wrench fault	⤔	⤔	⤔		71	43	n/a
Columnar Joint	⤓	⤓	⤓		98	44	n/a
Bedding/Cleavage (S1) Parallel	—	—	—		100	46	n/a
Bedding/Cleavage (S2) Parallel	—	—	—		72	52	n/a
Bedding/Cleavage (S3) Parallel	—	—	—		73	53	n/a
Plunge bedding/Cleavage (S2) intersection	⤓	⤓	⤓		74	54	n/a
Plunge bedding/Cleavage (S3) intersection	⤓	⤓	⤓		75	55	n/a
Plunge bedding/Vein intersection	1	1	1		76	56	n/a
Monoclinal	⤓	⤓	⤓		77	57	n/a
					79	58	n/a

UTM_East	UTM_North	Strike	Dip	Structure	Plunge	Comments
491169.2	5449266	204	74	1	0	
491156.5	5449237	179	70	32	0	
490778.8	5447633	220	65	37	0	
490805.1	5447748	236	75	17	0	
491404.5	5449587	209	70	17	0	
491400.6	5449548	239	-99	37	0	
491417.2	5449480	209	74	8	0	
491378.1	5449481	209	70	17	0	
491384	5449273	221	-99	17	0	
491346.9	5449272	207	-99	16	0	
491343	5449199	223	69	8	0	
491150.7	5448899	225	70	32	0	
490839.3	5448892	179	72	32	0	
490797.3	5448889	125	50	37	0	
490630.4	5449010	216	71	17	0	
491179	5449096	175	78	1	0	
491131.2	5449097	210	70	16	0	
491437.7	5449893	213	-99	17	0	
491355.7	5449896	219	80	17	0	
491281.5	5449883	224	71	17	0	
491313.7	5449879	224	58	8	0	
491348.9	5449837	152	-99	3	0	
491332.3	5449822	227	80	17	0	
491527.5	5449936	229	48	8	0	
491735.4	5449968	223	-99	17	0	
491768.6	5449903	230	70	17	0	
491729.6	5449778	222	71	17	0	
491670	5449765	200	-99	17	0	
491817.4	5449664	216	73	17	0	
491578.3	5449516	224	73	17	0	
490990.6	5449443	205	75	17	0	
490908.6	5449589	219	80	32	0	
490875.4	5449313	245	-99	17	0	
490894	5449273	222	82	17	0	
490913.5	5449261	296	90	16	0	
491532.4	5449642	224	74	17	0	
491840.8	5449578	224	71	17	0	
491804.7	5449574	147	-99	37	0	
491818.4	5449600	31	-99	3	0	
491967.7	5449617	218	71	17	0	
492479.3	5449806	219	70	17	0	
492786.7	5449584	233	80	17	0	
492745.7	5449584	272	64	8	0	
492919.5	5449604	230	83	17	0	
492878.5	5449605	179	68	16	0	
493137.2	5449709	226	-99	37	0	
493190.9	5449709	224	76	17	0	
491983.4	5449353	222	73	17	0	
491877	5449389	218	76	17	0	
491478.7	5448710	217	76	17	0	

UTM_East	UTM_North	Strike	Dip	Structure	Plunge	Comments
491551.9	5448672	218	-99	17	0	
491587	5448572	229	73	17	0	
491609.5	5448598	251	70	16	0	
491657.3	5448552	213	78	17	0	
491751	5448451	210	-99	17	0	
492153.2	5447751	231	75	17	0	
491339.1	5448406	225	77	17	0	
491298.1	5448437	224	75	17	0	
502600.7	5454559	71	71	17	0	
502254.3	5454339	124	87	8	0	
502274.4	5454073	12	-99	17	0	
502420.7	5453901	322	80	16	0	
502491.4	5453970	322	80	16	0	
502484	5453959	346	82	16	0	
502467.7	5453955	59	54	16	0	
504018.5	5454562	19	-99	17	0	
503998.5	5455007	258	83	1	0	
503634.6	5455300	50	52	37	0	
503499.5	5455258	209	90	1	0	
502588.4	5453935	167	83	16	0	
503044.6	5454102	306	10	8	0	

UTM_East	UTM_North	Strike	Dip	Structure_(Plunge)	Comments
446.857	152.296	46	75	17	0
450.339	124.063	221	58	17	0
488.608	128.4	231	74	17	0
486.126	102.667	259	80	17	0
505.621	72.0835	346	50	1	0
522.674	44.9614	210	76	1	0
534.042	32.8478	196	85	32	0
519.952	77.3605	238	80	17	0
529.359	71.3892	186	71	1	0
523.154	93.277	220	86	1	0
544.17	100.701	202	68	17	0
544.41	111.009	25	85	37	0
545.531	131.936	210	80	17	0
515.628	129.49	242	83	17	0
514.387	170.712	60	0	73	0
526.997	156.131	337	84	1	0
528.958	153.418	227	69	17	0
515.388	190.079	219	83	17	0
494.893	221.656	195	75	17	0
493.172	272.439	195	0	73	0
491.45	272.952	195	75	63	0
475.878	267.685	65	85	4	0
478.841	272.076	246	12	4	0
481.082	268.871	206	76	32	0

Grid_East	Grid_North	Strike	Dip	Structure_(Plunge)	Comments	UTM_East	UTM_North
2.1816	0.523234	230	0	8	0	491564.6	5449863
1.21639	0.677268	219	43	37	0	491564.9	5449862
0.184482	0.166093	219	41	37	0	491565.7	5449861
2.27971	0.06973	270	54	8	0	491565	5449863

2 . 29366

## APPENDIX 2

### MMI SOIL SAMPLE DESCRIPTIONS AND CERTIFICATES OF ANALYSIS

SAMPLE_ID	GRID_EAST	GRID_NORTH	UTM_EAST	UTM_NORTH	NOTES	AU_PPB	AU_RR	CO_PPB	CO_RR	NI_PPB	NI_RR	PD_PPB
96901	0	0	491617	5450030	clay, sand, low lying	0.05	1	8	2	45	3	0.05
96902	0	0	491643	5449991	oxidized sand, low lying	0.05	1	9	3	54	4	0.05
96903	0	0	491675	5449962	oxidized sand, drainage t	0.05	1	7	2	33	2	0.05
96904	0	0	491706	5449922	clay, sand, drainage to N	0.05	1	4	1	13	1	0.05
96905	0	0	491738	5449884	litter, humus, sand, drai	0.05	1	4	1	18	1	0.05
96906	0	0	491769	5449846	clay, sand, drainage to E	0.05	1	4	1	33	2	0.05
96907	0	0	491801	5449805	oxidized sand, drainage t	0.05	1	2	1	18	1	0.05
96908	0	0	491832	5449774	humic sand, drainage to S	0.05	1	3	1	18	1	0.05
96909	0	0	491860	5449739	clay, till, low-lying	0.14	3	3	1	81	6	0.05
96910	0	0	491889	5449698	oxidized clay sand	0.05	1	81	24	38	3	0.05
96911	0	0	491917	5449664	oxidized clay sand	0.05	1	13	4	20	1	0.05
96912	0	0	491551	5449513	humic sand, drain to SE	0.05	1	4	1	20	1	0.05
96913	0	0	491526	5449547	humic sand, drain to west	0.05	1	2	1	13	1	0.05
96914	0	0	491491	5449585	humic sand, drain to west	0.05	1	2	1	18	1	0.05
96915	0	0	491463	5449620	humic sand, steep down to	0.05	1	18	5	21	2	0.05
96916	0	0	491434	5449658	humic sand, drainage stee	0.05	1	8	2	17	1	0.05
96917	0	0	491406	5449692	beach sand	0.05	1	2	1	15	1	0.05
96918	0	0	491378	5449727	beach sand	0.05	1	9	3	35	3	0.05
96951	0	1300	490503	5448780		0.05	1	26	8	32	2	0.05
96952	2	1350	490474	5448824		0.05	1	5	1	41	3	0.05
96953	2	1400	490445	5448867		0.05	1	7	2	45	3	0.05
96953	0	11	490426	5448537		0.05	1	3	1	15	1	0.05
96954	2	1450	490417	5448907		0.05	1	3	1	32	2	0.05
96955	2	1500	490388	5448952		0.05	1	11	3	22	2	0.05
96956	1	1500	490223	5448814		0.05	1	7	2	24	2	0.05
96957	0	14	490256	5448767		0.05	1	9	3	17	1	0.05
96958	0	14	490285	5448731		0.05	1	4	1	12	1	0.05
96959	0	13	490310	5448696		0.05	1	3	1	22	2	0.05
96960	0	13	490336	5448661		0.05	1	4	1	9	1	0.05
96961	0	12	490365	5448621		0.05	1	2	1	17	1	0.05
96962	0	12	490398	5448577	flat muskeg swamp - humus	0.05	1	6	2	21	2	0.05
96964	1	1100	490459	5448494		0.05	1	4	1	17	1	0.05
96965	1	1050	490489	5448452		0.05	1	4	1	23	2	0.05
96966	1	1000	490518	5448411		0.05	1	12	4	27	2	0.05
96967	0	0	490718	5448413	blank from till @ camp -	0.05	1	41	12	108	8	0.05
96968	2	1000	490639	5448569		0.05	1	10	3	24	2	0.05
96969	2	1050	490622	5448598		0.05	1	7	2	48	3	0.05
96970	2	1100	490596	5448636	8m creek in muskeg swamp	0.05	1	3	1	33	2	0.05
96971	2	1150	490574	5448674	muskeg swamp - sample is	0.05	1	0.5	0	10	1	0.05
96972	2	1200	490547	5448711	muskeg swamp - sample is	0.05	1	5	1	83	6	0.05
96973	2	1250	490524	5448747		0.05	1	12	4	20	1	0.05

SAMPLE_ID	PD_RR	AG_PPB	AG_RR
96901	1	10.5	11
96902	1	8.93	9
96903	1	3.05	3
96904	1	1.47	1
96905	1	1.58	2
96906	1	7	7
96907	1	7.08	7
96908	1	9.34	9
96909	1	4.83	5
96910	1	2.29	2
96911	1	3.9	4
96912	1	5.07	5
96913	1	9.41	9
96914	1	7.93	8
96915	1	0.64	1
96916	1	2.49	2
96917	1	1.03	1
96918	1	3.17	3
96951	1	4.48	4
96952	1	4.75	5
96953	1	7.04	7
96953	1	1.31	1
96954	1	4.27	4
96955	1	1.2	1
96956	1	1.52	2
96957	1	6.55	7
96958	1	8.11	8
96959	1	7.3	7
96960	1	0.42	0
96961	1	0.18	0
96962	1	2.8	3
96964	1	3.35	3
96965	1	3.39	3
96966	1	2.54	3
96967	1	4.38	4
96968	1	2.3	2
96969	1	2.8	3
96970	1	0.18	0
96971	1	0.7	1
96972	1	0.39	0
96973	1	2.43	2



## CERTIFICATE OF ANALYSIS

Work Order: 078529

To: Temex Resources Corp.  
Attn: J.W. Patrick Lengyel, P. Geo.

Date : 28/07/04

28-845 Dakota Street, Suite 330  
WINNIPEG  
MB, CANADA R2M 5M3

Copy 1 to :

P.O. No. :  
Project No. : MANITOU-GS  
No. of Samples : 41 Soil (MMI)  
Date Submitted : 16/07/04  
Report Comprises : Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**

P脉: RETURN  
Rejects: RETURN

Certified By :

  
Tim Elliott, Operations Manager

**ISO 9002 REGISTERED**

**ISO 17025 Accredited for Specific Tests. SCC No. 456**

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Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions



Work Order: 078529 Date: 28/07/04 FINAL

Page 1 of 2

Element.	Au MMI-B5	Co MMI-B5	Ni MMI-B5	Pd MMI-B5	Ag MMI-B5
Method.	0.1	1	3	0.1	0.1
Det.Lim.	ppb	ppb	ppb	ppb	ppb
Units.					
96901	<0.1	8	45	<0.1	10.5
96902	<0.1	9	54	<0.1	8.93
96903	<0.1	7	33	<0.1	3.05
96904	<0.1	4	13	<0.1	1.47
96905	<0.1	4	18	<0.1	1.58
96906	<0.1	4	33	<0.1	7.00
96907	<0.1	2	18	<0.1	7.08
96908	<0.1	3	18	<0.1	9.34
96909	0.14	3	81	<0.1	4.83
96910	<0.1	81	38	<0.1	2.29
96911	<0.1	13	20	<0.1	3.90
96912	<0.1	4	20	<0.1	5.07
96913	<0.1	2	13	<0.1	9.41
96914	<0.1	2	18	<0.1	7.93
96915	<0.1	18	21	<0.1	0.64
96916	<0.1	8	17	<0.1	2.49
96917	<0.1	2	15	<0.1	1.03
96918	<0.1	9	35	<0.1	3.17
96951	<0.1	26	32	<0.1	4.48
96952	<0.1	5	41	<0.1	4.75
96953	<0.1	7	45	<0.1	7.04
96954	<0.1	3	15	<0.1	1.31
96955	<0.1	3	32	<0.1	4.27
96956	<0.1	11	22	<0.1	1.20
96957	<0.1	7	24	<0.1	1.52
96958	<0.1	9	17	<0.1	6.55
96959	<0.1	4	12	<0.1	8.11
96960	<0.1	3	22	<0.1	7.30
96961	<0.1	4	9	<0.1	0.42
96962	<0.1	2	17	<0.1	0.18



Work Order: 078529 Date: 28/07/04 FINAL

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Element.	Au MMI-B5	Co MMI-B5	Ni MMI-B5	Pd MMI-B5	Ag MMI-B5
Method.	0.1	1	3	0.1	0.1
Det.Lim.	ppb	ppb	ppb	ppb	ppb
Units.					
96963	<0.1	6	21	<0.1	2.80
96964	<0.1	4	17	<0.1	3.35
96965	<0.1	4	23	<0.1	3.39
96966	<0.1	12	27	<0.1	2.54
96967	<0.1	41	108	<0.1	4.38
96968	<0.1	10	24	<0.1	2.30
96969	<0.1	7	48	<0.1	2.80
96970	<0.1	3	33	<0.1	0.18
96971	<0.1	<1	10	<0.1	0.70
96972	<0.1	5	83	<0.1	0.39
96973	<0.1	12	20	<0.1	2.43
*Dup 96901	<0.1	9	43	<0.1	9.84
*Dup 96913	<0.1	2	13	<0.1	10.2
*Dup 96957	<0.1	7	23	<0.1	1.57
*Dup 96969	<0.1	8	47	<0.1	2.91
*Blk BLANK	<0.1	<1	<3	<0.1	<0.1
*Std MMISRM14	36.6	35	175	22.7	18.7

**APPENDIX 3**

**ROCK SAMPLE DESCRIPTIONS &**

**CERTIFICATES OF ANALYSIS**

SAMPLE_NUM	SAMPLE_TYP	SAMPLE_DES	SHOWING_NA	UTM_EAST	UTM_NORTH	AU_PPB	AU_OZ_T	AU_PPM	AG_PPM	AL_PPM
364001	gr	.5% diss py in altd fels volc from waste		490769	5447655	11	0.0005	0.011	1	0.19
364002	gr	sheared fels to int volc		490783	5447548	7	0.0005	0.007	1	0.78
364003	gr	1m z-folded QV in frost heave, tr py		491398	5449479	2.5	0.0005	0.0025	1	0.12
364004	gr	2cm QCV in tuff bx, tr py		491369	5449275	2.5	0.0005	0.0025	1	0.76
364005	gr	Host rock of QCV in 364004. 2-3% diss py		491368	5449274	2.5	0.0005	0.0025	1	1.5
364006	gr	0.5m shear. 0.5% diss py		491127	5448901	2.5	0.0005	0.0025	1	0.99
364007	gr	1% f.diss py + tr cpy in ash tuff		491036	5448878	2.5	0.0005	0.0025	1	1.27
364008	gr	0.5% diss py in QC veinlets		490839	5448906	25	0.0005	0.025	1	0.52
364009	gr	QC w/ tr py		490839	5448906	48	0.001	0.048	1	0.5
364010	gr	Qtz+ank in angular boulders along shore		489553	5448086	2.5	0.0005	0.0025	1	0.43
364011	gr	0.4-0.5m QCV		489633	5448232	2.5	0.0005	0.0025	1	0.57
364012	gr	3-4cm QCV w/ minor ank @ 240/80		492108	5447694	2.5	0.0005	0.0025	1	0.44
364051	gr	~3m wide (?) QV adj to shaft, barren		490769	5447655	2.5	0.0005	0.0025	1	0.03
364052	gr	HW contact of QV in 364051		490769	5447655	2.5	0.0005	0.0025	1	0.21
364053	gr	FW contact of QV in 364051		490769	5447655	2.5	0.0005	0.0025	1	0.23
364054	gr	1.5m QV, amph rich, barren		493153	5449707	2.5	0.0005	0.0025	1	0.01
364055	gr	1.5m QV, amph rich, barren		493153	5449707	2.5	0.0005	0.0025	1	0.01
364056	gr	1.5m QV, amph rich, barren		493153	5449707	2.5	0.0005	0.0025	1	0.005
364057	gr	Highly sheared o/c 15m from QV, barren		493172	5449709	2.5	0.0005	0.0025	1	0.53
364058	gr	1m mod gossanous zone w/ 0.5% py		491281	5448437	2.5	0.0005	0.0025	1	0.53
									#DIV/0!	0.00672
Correlation Coeff	Mn	0.544								
	Ca	0.413								
	As	0.391								
	Cu	0.395								
	Pb	0.358								
	Fe	0.334								
	Co	0.297								
	Zn	0.219								





Sample_Number	Grid_East	Grid_North	Sample_Type	Sample_Width	Sample_Description	Au_PPB	Au_oz_t	Au_PPM
364101	544.888	114.781	chip	0.5	HW, int volc, mod shrd, mod cal cbtn, tr ank, tr p	11	0.0005	0.011
364102	543.793	115.129	chip	1.5	quartz vein, white, 1% tourmaline along fract, NVS	2.5	0.0005	0.0025
364103	542.846	114.866	chip	0.5	FW-int volc, mod chl'n, cal cbt'n, weak perv to ff	87	0.003	0.087
364104	545.294	122.127	gr	0	50% QV, 50% alt'd volc	450866	13.152	450.866
364105	545.586	122.006	chan	1.2	50% QV, 50% int volc, 2% dis cpy>py, mod chl, ank,	113487	3.31	113.487
364106	544.948	120.1	chan	0.6	hanging wall, int volc, var chl, ank, cal, tr py	919	0.027	0.919
364107	544.403	120.002	chan	0.5	QV, white, mod fract	163	0.005	0.163
364108	543.839	119.991	0.5m	0	50%QV, 50% chl	337	0.01	0.337
364109	543.221	120.08	chan	0.7		28	0.0005	0.028
364110	542.633	120.442	chan	0.4	int volc, footwall, weak-mod chl, cal, ank, tr py	68	0.002	0.068
364111	545.315	127.085	chan	0.9	80%QV, white, str frac, minor ank/ser, 10% chl vol	314	0.009	0.314
364112	544.263	127.132	chan	1.1	75% QV, white, mod fract, 2% ank, 2% cpy on margin	3333	0.097	3.333
364113	543.483	127.244	chan	0.6	70% int volc, mod chl, cal, 2% ank vein, 30% QV, w	172	0.005	0.172
364114	543.024	127.377	chan	0.7	FW, int volc, mod chl, cal, 1% ank stringer, tr di	81	0.002	0.081
364115	536.462	88.739	grab	0	Tailings-grab of QV tailings (40cm diam) with 10%	111352	3.248	111.352
<hr/>								
Correlation Coefficients			Ag	0.996				
			As	0.976				
			B	0.944				
			Co	0.924				
			Pb	0.884				
			Ni	0.776				
			Fe	0.761				
			Cu	0.65				
			Na	-0.559				
			Si	-0.495				
			Mg	-0.481				
			Al	-0.461				
			Ca	-0.429				
			Mn	-0.425				
			Sr	-0.422				
			Y	-0.403				
			K	-0.443				
			Zn	-0.367				





SAMPLE_ID	SAMPLE_TYP	SAMPLE_V	SAMPLE_DES	UTM_EAS	UTM_NOR	AU_PPB	AU_OZ_T	AU_PPM	NOTES	AG_PPM	AL_PPM
364151	chan	0.65	qtz+chl+amph+py vnl in intermed lap tuff	491564.6	5449863	208	0.006	0.208		1	0.58
364152	chan	0.35	5mm qtz vnl, 1% diss cubic py, lim clot	491565	5449863	400	0.012	0.4		1	0.63
364153	chan	0.35	12cm qtz vein, 0.5% diss cubic py	491565.1	5449862	36	0.001	0.036		1	0.48
364154	chan	0.27	no veining, 0.5% diss cubic py	491565.3	5449862	2.5	0.0005	0.0025		1	0.61
364155	chan	0.77	mult 1-10cm QV, mult chl+amph str w/ <80% py+cpy	491565.4	5449861	1596	0.047	1.596		1	0.45
364156	chan	0.37	3-4cm QV + mult 1mm qtz str, 2% chl+amph+py str	491565.8	5449861	383	0.011	0.383		1	0.47
									#DIV/0!		-0.511434
			Correlation Coefficients								
			As	0.965							
			Fe	0.783							
			Co	0.661							
			Cu	0.267							
			Mg	-0.808							
			Sr	-0.733							
			Ca	-0.696							
			Ba	-0.657							
			Al	-0.511							
			Zn	-0.495							
			K	-0.446							





1070 LITHIUM DRIVE, UNIT 2      THUNDER BAY,      ONTARIO P7B 6G3  
 PHONE (807) 626-1630    FAX (807) 623 6820    EMAIL accuracy@tbaytel.net    WEB www.accurassay.com

## Certificate of Analysis

Monday, October 18, 2004

Temex Resources Corp.  
 141 Adelaide Street West, Suite 1000  
 Toronto, ON, CA  
 M5H3L5  
 Ph#: (416) 862-2246  
 Fax#: (416) 862-2244  
 Email icampbell@temexcorp.com

Date Received : 12-Jul-04  
 Date Completed : 20-Jul-04  
 Job # 200440776  
 Reference : Manitou-GS  
 Sample #: 44      Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
38831	364001	11	<0.001	0.011
38832	364002	7	<0.001	0.007
38833	364003	<5	<0.001	<0.005
38834	364004	<5	<0.001	<0.005
38835	364005	<5	<0.001	<0.005
38836	364006	<5	<0.001	<0.005
38837	364007	<5	<0.001	<0.005
38838	364008	25	<0.001	0.025
38839	364009	48	0.001	0.048
38840	364010	<5	<0.001	<0.005
38841 Check	364010	<5	<0.001	<0.005
38842	364011	<5	<0.001	<0.005
38843	364012	<5	<0.001	<0.005
38844	364051	<5	<0.001	<0.005
38845	364052	<5	<0.001	<0.005
38846	364053	<5	<0.001	<0.005
38847	364054	<5	<0.001	<0.005
38848	364055	<5	<0.001	<0.005
38849	364056	<5	<0.001	<0.005
38850	364057	<5	<0.001	<0.005
38851 Check	364057	<5	<0.001	<0.005
38852	364058	<5	<0.001	<0.005
38853	364101	11	<0.001	0.011

PROCEDURE CODES: AL4AU3, AL4ICPAR

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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Page 1 of 3

AL903-0245-10/18/2004 11:14 AM

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Temex Resources Corp.  
 141 Adelaide Street West, Suite 1000  
 Toronto, ON, CA  
 M5H 3L5  
 Ph#: (416) 862-2246  
 Fax#: (416) 862-2244  
 Email: icampbell@temexcorp.com

Date Received : 12-Jul-04  
 Date Completed : 20-Jul-04  
 Job # 200440776  
 Reference : Manitou-GS  
 Sample #: 44      Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
38854	364102	<5	<0.001	<0.005
38855	364103	87	0.003	0.087
38856	364104	561918	16.391	561.918
38857	364105	113487	3.310	113.487
38858	364106	919	0.027	0.919
38859	364107	163	0.005	0.163
38860	364108	337	0.010	0.337
38861 Check	364108	302	0.009	0.302
38862	364109	28	<0.001	0.028
38863	364110	68	0.002	0.068
38864	364111	314	0.009	0.314
38865	364112	3333	0.097	3.333
38866	364113	172	0.005	0.172
38867	364114	81	0.002	0.081
38868	364115	1180	0.034	1.180
38869	364116	92	0.003	0.092
38870	364117	115	0.003	0.115
38871 Check	364117	129	0.004	0.129
38872	364118	5	<0.001	0.005
38873	364151	208	0.006	0.208
38874	364152	400	0.012	0.400
38875	364153	36	0.001	0.036
38876	364154	<5	<0.001	<0.005

PROCEDURE CODES: AL4AU3, AL4ICPAR

Page 2 of 3

Certified By:

Derek Demianiuk H.B.Sc., Laboratory Manager

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MINERAL ASSAY DIVISION



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## Certificate of Analysis

Monday, October 18, 2004

Temex Resources Corp.  
141 Adelaide Street West, Suite 1000  
Toronto, ON, CA  
M5H 3L5  
Ph#: (416) 862-2246  
Fax#: (416) 862-2244  
Email icampbell@temexcorp.com

Date Received : 12-Jul-04  
Date Completed : 20-Jul-04  
Job # 200440776  
Reference : Manitou-GS  
Sample #: 44      Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
38877	364155	1596	0.047	1.596
38878	364156	383	0.011	0.383

PROCEDURE CODES: AL4AU3, AL4ICPAR

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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Page 3 of 3

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**URASSAY  
LABORATORIES** - A DIVISION OF ASSAY LABORATORY SERVICES INC. MINERAL ASSAY DIVISION

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10:38 AM

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\*The methods used for these analysis are not accredited under ISO/IEC 17025

04

	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sr	Ti	Tl	V
	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
1	0.19	<3	<5	39	<1	2.80	<10	12	364	9	2.08	0.16	0.56	742	2	0.01	12	170	11	<10	<5	0.03	117	<100	1	<
2	0.78	<3	<5	37	<1	1.95	<10	20	120	36	3.13	0.10	0.64	736	<1	0.08	36	587	12	<10	<5	0.04	44	<100	<1	<
3	0.12	<3	<5	<10	<1	0.23	<10	7	617	28	0.60	0.03	0.05	<100	2	0.01	20	<100	4	<10	<5	0.01	5	127	<1	<
4	0.76	<3	<5	636	<1	0.52	<10	8	336	29	1.89	0.02	0.51	5055	2	<0.01	35	<100	4	<10	<5	0.08	18	<100	3	<
5	1.50	<3	8	164	<1	1.51	<10	28	120	1	5.44	0.16	0.99	2232	<1	0.01	63	495	10	<10	<5	0.09	28	1984	<1	<
6	0.99	<3	<5	25	<1	3.57	<10	19	83	46	3.15	0.06	0.87	886	<1	0.12	43	501	8	<10	<5	0.06	55	<100	<1	<
7	1.27	<3	<5	21	<1	1.31	<10	25	90	58	2.64	0.07	0.79	560	<1	0.04	46	481	5	<10	<5	0.07	65	2915	<1	<
8	0.52	28	<5	32	<1	7.93	<10	39	182	293	5.58	0.03	0.85	1575	1	0.02	65	733	19	<10	<5	0.05	104	<100	<1	<
9	0.50	<3	<5	15	<1	4.13	<10	11	263	22	2.73	0.06	0.56	862	1	0.02	19	366	6	<10	<5	0.05	39	<100	<1	<
10	0.43	<3	<5	18	<1	9.32	<10	14	156	38	4.12	0.04	1.00	2155	<1	0.04	11	1639	9	<10	<5	0.06	142	<100	<1	3
11	0.41	<3	<5	17	<1	9.16	<10	14	150	36	4.05	0.04	0.99	2113	<1	0.04	10	1614	10	<10	<5	0.05	138	<100	<1	4
12	0.57	<3	<5	<10	<1	0.30	<10	6	271	3	1.28	0.03	0.44	207	<1	0.01	12	140	4	<10	<5	0.04	11	<100	<1	<
13	0.44	<3	<5	29	<1	1.56	<10	5	218	23	0.94	0.03	0.25	556	12	0.03	8	264	4	<10	<5	0.05	37	<100	<1	<
14	0.03	<3	<5	<10	<1	0.02	<10	<1	426	4	0.29	0.01	<0.01	<100	2	<0.01	5	<100	2	<10	<5	0.01	<5	<100	3	<
15	0.21	<3	<5	41	<1	3.45	<10	9	246	2	2.19	0.19	0.62	806	1	0.02	9	362	8	<10	<5	0.04	150	<100	<1	<
16	0.23	<3	<5	44	<1	0.36	<10	2	338	3	0.53	0.17	0.02	153	1	0.01	5	<100	2	<10	<5	0.03	6	<100	<1	<
17	0.01	<3	<5	<10	<1	0.01	<10	<1	226	2	0.18	<0.01	<0.01	<100	<1	0.01	2	<100	2	<10	<5	<0.01	<5	<100	<1	<
18	0.01	<3	<5	<10	<1	<0.01	<10	<1	445	5	0.32	<0.01	<0.01	<100	1	0.01	5	<100	2	<10	<5	0.01	<5	<100	<1	<
19	<0.01	<3	<5	<10	<1	<0.01	<10	<1	350	3	0.27	<0.01	<0.01	<100	1	<0.01	4	<100	1	<10	<5	<0.01	<5	<100	<1	<
20	0.53	<3	<5	21	<1	2.93	<10	14	114	<1	2.32	0.08	0.71	448	<1	0.08	31	360	6	<10	<5	0.04	56	<100	<1	<
21	0.50	<3	<5	19	<1	2.88	<10	14	108	<1	2.27	0.08	0.71	439	<1	0.07	32	385	5	<10	<5	0.04	54	<100	<1	<
22	0.63	<3	<5	30	<1	0.59	<10	4	90	10	1.30	0.15	0.28	228	1	0.02	4	712	8	<10	<5	0.06	23	<100	<1	<

Certified By:   
Derek Demianiuk, H.Bsc.

**URASSAY  
Laboratories** A DIVISION OF ASSAY LABORATORY SERVICES INC. MINERAL ASSAY DIVISION

1THIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE: (807) 626-1630 FAX: (807) 623-6820 EMAIL: accuracy@tbaytel.net WEB: www.accurassay.com

18:38 AM

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04

J	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sr	Tl	Tl	V
m	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
2	0.91	<3	<5	15	<1	2.36	<10	18	114	54	2.97	0.08	0.80	646	<1	0.04	42	616	7	<10	<5	0.04	51	<100	2	<
2	0.02	<3	<5	<10	<1	0.23	<10	1	291	3	0.34	<0.01	0.06	<100	1	0.01	4	<100	2	<10	<5	<0.01	7	<100	<1	<
1	0.81	6	<5	17	<1	3.54	<10	25	94	83	3.17	0.09	0.87	846	1	0.03	58	600	7	<10	<5	0.05	74	<100	<1	<
1	0.04	45	12	<10	<1	0.03	<10	111	297	2926	8.33	<0.01	0.02	<100	1	<0.01	126	<100	21	<10	<5	<0.01	<5	<100	<1	<
1	0.80	6	<5	40	<1	1.71	<10	32	233	>5,000	3.14	0.12	0.64	668	2	0.02	50	639	9	<10	<5	0.05	33	<100	<1	<
1	0.97	<3	<5	38	<1	2.78	<10	19	131	162	3.32	0.12	0.81	787	<1	0.03	34	1333	7	<10	<5	0.07	53	<100	<1	<
1	0.04	<3	<5	<10	<1	0.26	<10	2	325	165	0.40	0.02	0.07	<100	1	0.01	4	<100	3	<10	<5	0.01	8	<100	<1	<
1	0.81	4	<5	24	<1	3.70	<10	19	188	103	3.29	0.14	0.88	945	1	0.03	33	1027	8	<10	<5	0.05	90	<100	<1	<
1	0.85	<3	<5	25	<1	3.99	<10	21	201	108	3.51	0.15	0.91	1017	2	0.03	37	1106	6	<10	<5	0.06	97	<100	<1	<
1	0.65	<3	<5	17	<1	0.93	<10	14	323	37	1.81	0.07	0.52	288	1	0.02	26	584	5	<10	<5	0.06	23	<100	<1	<
1	1.08	<3	<5	33	<1	3.03	<10	26	126	170	3.89	0.18	0.93	849	<1	0.03	49	1465	7	<10	<5	0.06	75	<100	<1	<
1	0.50	<3	<5	57	<1	0.55	<10	9	412	408	1.36	0.08	0.32	549	1	0.02	26	246	4	<10	<5	0.05	11	<100	<1	<
1	0.62	<3	<5	34	<1	1.32	<10	10	286	341	1.80	0.10	0.53	460	1	0.02	29	502	3	<10	<5	0.05	29	<100	<1	<
1	0.99	<3	<5	38	<1	2.60	<10	25	249	158	3.35	0.11	0.86	901	1	0.03	46	1267	6	<10	<5	0.07	60	<100	<1	<
1	1.08	<3	<5	80	<1	2.26	<10	26	155	136	3.70	0.14	0.82	1238	<1	0.03	52	1521	6	<10	<5	0.08	48	<100	2	<
0.03	8	<5	<10	<1	0.03	<10	18	328	3067	1.97	<0.01	0.02	<100	1	0.01	17	<100	4	<10	<5	<0.01	<5	<100	<1	<	
0.08	<3	<5	<10	<1	0.03	<10	2	311	18	0.31	<0.01	0.04	287	1	<0.01	4	<100	1	<10	<5	0.02	<5	<100	<1	<	
1.10	<3	<5	25	<1	0.59	<10	20	206	23	3.17	0.08	0.84	435	<1	0.05	81	746	5	<10	<5	0.11	23	2821	<1	<	
1.07	<3	<5	24	<1	0.62	<10	19	180	20	2.93	0.08	0.81	398	1	0.05	74	682	3	<10	<5	0.11	25	2763	<1	<	
0.92	<3	<5	12	<1	0.56	<10	13	311	34	2.10	0.02	0.65	523	<1	0.02	26	194	4	<10	<5	0.09	12	458	<1	<	
0.58	6	<5	60	<1	1.59	<10	10	199	13	2.09	0.18	0.34	424	1	0.04	9	514	6	<10	<5	0.05	40	<100	<1	<	
0.63	9	<5	59	<1	1.32	<10	12	165	13	2.36	0.20	0.28	392	<1	0.05	6	535	11	<10	<5	0.06	42	<100	<1	<	

Certified By:   
Derek Demianiuk, H.B.Sc.

8:38 AM

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)4

I n	Al %	As ppm	B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sr ppm	Tl ppm	Tl ppm	V ppm
1	0.48	<3	<5	47	<1	1.62	<10	12	287	10	1.70	0.15	0.33	471	1	0.04	11	400	5	<10	<5	0.05	37	<100	<1	<1
1	0.61	<3	<5	47	<1	1.72	<10	9	89	8	1.62	0.15	0.34	372	<1	0.03	5	512	4	<10	<5	0.05	46	<100	<1	<1
1	0.45	19	<5	34	<1	1.32	<10	13	139	11	2.51	0.13	0.27	374	1	0.03	9	447	6	<10	<5	0.05	33	<100	<1	<1
1	0.47	9	<5	48	<1	1.37	<10	10	196	8	2.23	0.17	0.31	371	2	0.04	8	485	6	<10	<5	0.05	41	<100	<1	<1

Certified By:  
Derek Demianiuk, H.Bsc.



**APPENDIX 4**

**SAMPLE SHIPMENT FORMS**

T0709046S-R

# TEMEX

RESOURCE CORPORATION

## Chain of Custody Record

(Must be accompanied by lab-specific sample submittal form)

Laboratory Name: Accurisity Laboratory Form #                 

### CHAIN OF CUSTODY:

#### SHIPMENT DETAILS:

Submitted By: P. Lengye Project: MANITOU - GS

Relinquished To (Shipping Co.): Manitoba Lin

Total Number of Pieces: 5 Bags

Accepted By (Shipper Rep): W. alkoot

Date (MM/DD/YY): 07/09/04 Time (00:00 HRS): 0100 5:15pm

#### RECEIPT DETAILS (at lab):

Received By: \_\_\_\_\_ Number of Pieces: \_\_\_\_\_

Date (MM/DD/YY): \_\_\_\_\_ Time (00:00 HRS): \_\_\_\_\_

Courier: \_\_\_\_\_ Waybill #: \_\_\_\_\_

#### SPECIAL INSTRUCTIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**FAX A COPY OF THIS FORM TO THE FAX NUMBER BELOW  
UPON RECEIPT AT LAB:**

Ph: (204) 255-4037 Fax: (204) 255-0708

## **CHAIN OF CUSTODY / ANALYTICAL REQUEST**



**Accuracy Laboratories**  
1070 Lithium Drive, Unit 2  
Thunder Bay, Ontario  
P7B 6G3  
(807) 625-1630 Fax: (807) 623-6820  
Email: accuracy@tbaytel.net

[www.scouting7.com](http://www.scouting7.com)

**Accurassay Laboratories**  
3 Industrial Drive, P.O. Box 426  
Kirkland Lake, Ontario  
P2N 3J1  
(705) 567-3361 Fax: (705) 568-8368  
Email: accuracy@onlink.net

**Remarks Sent To:**

Temex Resources Corp  
141 Adelaide Street W., Suite 1000  
Toronto, Ontario L5H 3L5  
Attention: Ian Campbell  
email [icampbell@temexcorp.com](mailto:icampbell@temexcorp.com)

J.W. Patrick Lengyel, P. Geo.  
23-845 Dakota Street, Suite 330  
Winnipeg, Manitoba R2M 5M3  
email [glog@mts.net](mailto:glog@mts.net)

**Invoices Sent To:**

Temex Resources Corp  
141 Adelaide Street W., Suite 1000  
Toronto, Ontario L5H 3L5  
Attention: Ian Campbell  
email [icampbell@temexcorp.com](mailto:icampbell@temexcorp.com)

Please Quote Project Name/No on  
all invoicing/correspondence

Project Name: Lantou - 65  
Project No.:

Number of Samples	Sample Type	Sample ID	Element(s) To Be Analyzed	Additional Instructions
10	ROCK	364101-364110	Au + ICP	
8	ROCK	364051-364058		
8	ROCK	364111-364118		
12	ROCK	364101-364121		
6	ROCK	364151-364156	↓	
<u>44 total</u>				

**Signature:**

Date Received:  
By:  
Check P.O.:  
Work Order #

SAMPLE DISPOSITION			
	PULPS	REJECTS	WATERS
Store 120 days, return	✓	✓	
Store 120 days, discard			
Return after analysis			
Discard after analysis			

ALCOORNOSOSDI - DI



\* Head Office /  
Bureau Chef  
Gore Bay  
705-282-2640

\* REGISTERED QUALITY SYSTEM  
ISO 9002

# BILL OF LADING / CONNAISSEMENT

Not negotiable / Non négociable

MANITOULIN TRANSPORT INC

LAKEHEAD FREIGHTWAYS INC. JET TRANSPORT LTD

Customer Service 1-800-265-1485 Service à la clientèle

UNIT NO. / NO.D'UNITÉ

MANITOULIN INTERNATIONAL  
MANITOULIN LOGISTICS INC.  
MOTOR EXPRESS TORONTO  
MOTOR EXPRESS MONTREAL  
QUEBEC EXPRESS INC.

1-800-265-2715  
1-866-872-5872  
1-905-564-0241  
1-514-694-6600  
1-800-361-3132

BILL OF LADING NO. / N° DE CONN.

D I J M Y / A  
09 07 04

MANITOULIN TRANSPORT



**7376935**

SHIPPER / EXPEDITEUR CUSTOMER CODE  
CODE DU CLIENT

NAME / NOM

Temex Resources

ADDRESS / ADRESSE

Own Truck to Terminal  
Sudville  
Dudson Ont

CONSIGNEE / CONSIGNATAIRE CUSTOMER CODE  
CODE DU CLIENT

NAME / NOM

Accurassay labs

ADDRESS / ADRESSE

CITY / VILLE

Thunder Bay Ont

ROUTING / ROUTE

CARRIER / TRANSPORTEUR

FCS D.G. MP  
PCN (X) DESCRIPTION DES MARCHANDISES, MARQUES ET PARTICULARITÉS

TRANSFER POINT / POINT DE TRANSBORDEMENT

DANGEROUS GOODS  
PROD. DANGEREUX  
CLASS U.N.

WEIGHT  
POIDS

5 Bags Samples

162

BILL THIRD PARTY  
FACTURER UNE TIERCE  
PARTIE

Name of Third Party  
Nom de la tierce partie

66030

Temex

Address  
Adresse

P.O. #

REF#

SHIPPER'S #

SHIPPER: PLEASE COMPLETE THE FOLLOWING / EXPÉDITEUR: S.V.P. REMPLIR CE QUI SUIT

TOTAL NO. OF PIECES  
TOTAL PIÈCES

DIMENSIONS OF SHIPMENT / DIMENSIONS DU CHARGEMENT  
LENGTH / LONGUEUR WIDTH / LARGEUR HEIGHT / HAUTEUR

TOTAL CUBIC FEET  
TOTAL PIEDS CUBES

TOTAL WEIGHT  
POIDS TOTAL

DIMENSIONAL WEIGHT /  
POIDS DIMENSIONNEL \*

162

\* 10 lb/cu.ft./li./p.c.

- Any agreement covering transportation of the goods described herein with other than due dispatch, or for specific time, must be endorsed on this bill of lading and signed by the parties hereto.
- When a shipment is at shipper's risk, the words "At Shipper's Risk" must be entered and initialed by both parties hereto.
- Toute entente spéciale concernant le transport des biens décrits ci-haut, soit heure spéciale de livraison ou autre, doit être indiquée sur ce connaissment et signée par les parties concernées.
- Si la marchandise est expédiée au risque de l'expéditeur, les mots "Au risque de l'expéditeur" doivent être inscrits et initialement par les deux parties concernées.

C.O.D.

D'AVANCE  
AMOUNT / MONTANT  
\$

C.O.D. FEE PREPAID  
FRAIS C.O.D. PAYÉS

C.O.D. FEE COLLECT  
FRAIS C.O.D. À PERCEVOIR

C.O.D. charges will be collect unless marked prepaid.  
Les frais C.O.D. seront à percevoir à moins d'avis contraire.

SHIPPER / EXPÉDITEUR

CARRIER / TRANSPORTEUR

PER:

NOTE: UNCRATED MERCANDISE AT SHIPPER'S RISK. / THIS BILL OF LADING TO BE SIGNED BY SHIPPER AND CARRIER.

PER:

NOTE: MARCHANDISE NON-EMBALLÉE AU RISQUE DE L'EXPÉDITEUR.  
CE CONNAISSEMENT DOIT ÊTRE SIGNÉ PAR L'EXPÉDITEUR ET LE TRANSPORTEUR

CHECKER  
CONTROLEUR

Ba.

**Subject:** Re: chain of custody  
**From:** <assay@accurassay.com>  
**Date:** Tue, 13 Jul 2004 12:48:06 -0400  
**To:** <glog@mts.net>

Patrick,

Received the following:

Bag 1 Seal#927549 Intact  
Bag 2 Seal#927550 Intact  
Bag 3 Seal#927551 Intact  
Bag 4 Seal#927552 Intact  
Bag 5 Seal#927553 Intact

For the first shipment we had not itemized what was in each bag but will do from here on out.

I am sending the Chain of Custody to you fax as this email goes out.

Any other questions or concerns please contact me directly

Sincerely,  
Jason Moore  
Accurassay Laboratories

----- Original Message -----

From: <glog@mts.net>  
To: "Accurassay Laboratories" <assay@accurassay.com>  
Sent: Tuesday, July 13, 2004 9:45 AM  
Subject: chain of custody

-----  
Jason,

You should have received a chain of custody form, which has to be filled out on the receiving end and faxed to my fax no.

We were getting a chain of custody letter from Chemex that itemized a list of the bags received and the samples in each bag - we then cross-reference that with our own shipment list to make sure you received what we sent. You can email that if it is easier.

Second shipment going out today.

Thanks,

Temex Resources Corp.				
Date Created: 04-07-20 04:30 PM				
Job Number: 200440776				
Date Recieved: 7/12/2004				
Number of Samples: 44				
Type of Sample: Rock				
Date Completed: 7/20/2004				
Project ID: Manitou-GS				
Accurassay #	Client Tag	Au PPB	Au oz/t	Au PPM
38831	364001	11	<0.001	0.011
38832	364002	7	<0.001	0.007
38833	364003	<5	<0.001	<0.005
38834	364004	<5	<0.001	<0.005
38835	364005	<5	<0.001	<0.005
38836	364006	<5	<0.001	<0.005
38837	364007	<5	<0.001	<0.005
38838	364008	25	<0.001	0.025
38839	364009	48	0.001	0.048
38840	364010	<5	<0.001	<0.005
38841	364010	<5	<0.001	<0.005
38842	364011	<5	<0.001	<0.005
38843	364012	<5	<0.001	<0.005
38844	364051	<5	<0.001	<0.005
38845	364052	<5	<0.001	<0.005
38846	364053	<5	<0.001	<0.005
38847	364054	<5	<0.001	<0.005
38848	364055	<5	<0.001	<0.005
38849	364056	<5	<0.001	<0.005
38850	364057	<5	<0.001	<0.005
38851	364057	<5	<0.001	<0.005
38852	364058	<5	<0.001	<0.005
38853	364101	11	<0.001	0.011
38854	364102	<5	<0.001	<0.005
38855	364103	87	0.003	0.087
38856	364104	450866	13.152	450.866
38857	364105	113487	3.31	113.487
38858	364106	919	0.027	0.919
38859	364107	163	0.005	0.163
38860	364108	337	0.01	0.337
38861	364108	302	0.009	0.302
38862	364109	28	<0.001	0.028
38863	364110	68	0.002	0.068
38864	364111	314	0.009	0.314
38865	364112	3333	0.097	3.333
38866	364113	172	0.005	0.172
38867	364114	81	0.002	0.081
38868	364115	111352	3.248	111.352
38869	364116	92	0.003	0.092
38870	364117	115	0.003	0.115
38871	364117	129	0.004	0.129
38872	364118	5	<0.001	0.005
38873	364151	208	0.006	0.208
38874	364152	400	0.012	0.4
38875	364153	36	0.001	0.036
38876	364154	<5	<0.001	<0.005
38877	364155	1596	0.047	1.596
38878	364156	383	0.011	0.383

Tinney Resources Corp.		Report No. 344001																																																							
Date Created: 04/07/01 08:38 AM		Report Date: 04/07/01 08:38 AM																																																							
Job Number: 344001		Sample ID: 344001																																																							
Date Received: 03/20/01																																																									
Number of Samples: 45																																																									
Type of Sample: Rock																																																									
Date Compiled: 04/07/01																																																									
Project: D-Mantle GS																																																									
Acct#	Client Tag/As	Al	As	B	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba																										
Spec#		%	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																										
34401	344001	1	0.19	15	25	39	0.6	2.6	4	12	354	2	2.04	0.15	0.36	742	4	0.01	12	170	4	0.03	17	50	1	0.01	5	2	43																												
34402	344001	1	0.78	15	25	37	0.8	1.96	5	20	125	36	0.13	0.04	0.54	736	2	0.08	35	56	2	0.04	44	50	0.6	1	4	72																													
34403	344001	1	0.12	15	25	4	0.5	0.23	0	7	617	28	0.5	0.03	0.36	50	2	0.01	25	50	1	0.01	127	50	0.5	1	0.5	2																													
34404	344001	1	0.78	15	25	336	0.5	2.02	4	18	356	29	1.89	0.02	0.51	5055	2	0.005	35	50	1	0.01	281	50	0.56	1	0.5	23																													
34405	344001	1	0.15	15	25	25	0.5	1.97	0	28	126	1	5.44	0.16	0.99	2232	0.5	0.01	63	496	1	0.01	25	50	0.03	1	0.5	35																													
34406	344001	1	0.98	15	25	25	0.5	3.57	0	15	33	46	3.15	0.07	0.67	886	0.5	0.12	42	501	1	0.01	25	50	0.95	1	0.5	53																													
34407	344001	1	1.27	15	25	21	0.5	1.31	0	25	254	25	2.64	0.07	0.78	500	0.5	0.14	25	487	1	0.01	25	50	0.95	1	0.5	52																													
34408	344001	1	0.52	24	25	32	0.5	1.93	0	39	142	283	5.58	0.23	0.38	1515	1	0.02	85	733	1	0.01	25	50	0.05	1	0.5	21																													
34409	344001	1	0.5	15	25	15	0.5	4.13	0	11	202	22	2.72	0.06	0.62	502	1	0.02	25	50	1	0.01	25	50	0.5	1	0.5	20																													
34410	344001	1	0.45	15	25	16	0.5	2.52	0	14	156	38	4.12	0.04	0.54	2155	0.5	0.02	11	1629	1	0.01	25	50	0.05	1	0.5	17																													
34411	344001	1	0.41	15	25	17	0.5	2.15	0	14	150	36	4.05	0.04	0.59	2115	0.5	0.02	12	1514	1	0.01	25	50	0.05	1	0.5	16																													
34412	344001	1	0.51	15	25	4	0.5	0.55	0	6	271	1	1.78	0.03	0.44	307	0.5	0.01	12	145	1	0.01	25	50	0.54	1	0.5	15																													
34413	344001	1	0.44	15	25	26	0.5	1.56	0	15	214	23	3.94	0.03	0.29	505	0.5	0.01	12	154	1	0.01	25	50	0.54	1	0.5	14																													
34414	344001	1	0.53	15	25	5	0.5	0.02	0	9	425	23	5.25	0.01	0.99	500	0.5	0.005	8	202	1	0.01	25	50	0.54	1	0.5	13																													
34415	344001	1	0.21	15	25	21	0.5	3.45	0	24	145	4	2.19	0.01	0.12	500	0.5	0.01	8	202	1	0.01	25	50	0.54	1	0.5	12																													
34416	344001	1	0.24	15	25	44	0.5	0.01	0	2	202	5	0.32	0.01	0.01	500	0.5	0.005	8	202	1	0.01	25	50	0.54	1	0.5	11																													
34417	344001	1	0.07	15	25	5	0.5	0.02	0	2	202	5	0.32	0.01	0.01	500	0.5	0.005	8	202	1	0.01	25	50	0.54	1	0.5	10																													
34418	344001	1	0.61	15	25	5	0.5	0.005	0	5	445	2	0.36	0.005	0.005	500	0.5	0.005	8	202	1	0.01	25	50	0.54	1	0.5	9																													
34419	344001	1	0.08	15	25	5	0.5	0.005	0	5	445	2	0.36	0.005	0.005	500	0.5	0.005	8	202	1	0.01	25	50	0.54	1	0.5	8																													
34420	344001	1	0.53	15	25	21	0.5	0.02	0	12	114	8	5.22	0.08	0.71	446	0.5	0.02	12	360	1	0.01	25	50	0.54	1	0.5	7																													
34421	344001	1	0.6	15	25	10	0.5	0.08	0	14	105	24	4.02	0.04	0.51	503	0.5	0.01	12	365	1	0.01	25	50	0.54	1	0.5	6																													
34422	344001	1	0.02	15	25	30	0.5	0.08	0	4	96	12	0.15	0.08	0.28	500	0.5	0.01	12	712	1	0.01	25	50	0.54	1	0.5	5																													
34423	344001	1	0.81	15	25	15	0.5	1.25	0	16	114	84	2.87	0.04	0.24	546	0.5	0.01	12	416	1	0.01	25	50	0.54	1	0.5	4																													
34424	344001	1	0.02	15	25	5	0.5	0.02	0	21	121	21	0.34	0.005	0.01	500	0.5	0.01	12	311	1	0.01	25	50	0.54	1	0.5	3																													
34425	344001	1	0.81	15	25	17	0.5	3.54	0	8	242	82	3.12	0.05	0.87	546	1	0.02	12	600	1	0.01	25	50	0.54	1	0.5	2																													
34426	344001	15	0.04	45	12	6	0.5	0.05	0	202	262	4.42	0.005	0.32	500	0.5	0.005	12	500	1	0.01	25	50	0.54	1	0.5	1																														
34427	344001	20	0.02	5	25	45	0.5	1.71	0	32	237	200	1.24	0.12	0.84	500	2	0.005	12	500	1	0.01	25	50	0.54	1	0.5	0																													
34428	344001	1	0.27	15	25	36	0.5	1.79	0	121	102	3.24	0.12	0.84	500	2	0.01	12	500	1	0.01	25	50	0.54	1	0.5	0																														
34429	344001	1	0.04	15	25	5	0.5	0.26	0	202	105	0.51	0.02	0.01	500	1	0.01	12	500	1	0.01	25	50	0.54	1	0.5	0																														
34430	344001	1	0.81	4	25	24	0.5	3.7	0	19	124	329	0.14	0.89	0.45	500	1	0.01	12	329	1	0.01	25	50	0.54	1	0.5	0																													
34431	344001	1	0.85	15	25	25	0.5	3.99	0	21	201	198	3.81	0.15	0.91	507	2	0.01	12	102	1	0.01	25	50	0.54	1	0.5	0																													
34432	344001	1	0.65	15	25	17	0.5	0.02	0	14	122	329	1.82	0.02	0.02	500	0.5	0.01	12	500	1	0.01	25	50	0.54	1	0.5	0																													
34433	344001	23	0.03	8	25	5	0.5	0.03	0	32	326	1.87	0.005	0.01	500	1	0.01	12	500	1	0.01	25	50	0.54	1	0.5	0																														
34434	344001	1	0.08	15	25	5	0.5	0.03	0	311	15	0.33	0.005	0.01	500	1	0.005	4	500	1	0.01	25	50	0.54	1	0.5	0																														
34435	344001	1	1.1	15	25	26	0.5	0.58	0	202	23	5.17	0.08	0.24	436	0.5	0.01	12	500	1	0.01	25	50	0.54	1	0.5	0																														
34436	344001	1	1.07	15	26	24	0.5	0.82	0	190	231	2.1	0.08	0.41	386	1	0.01	12	500	1	0.01	25	50	0.54	1	0.5	0																														
34437	344001	1	0.92	15	25	12	0.5	2.08	0	202	211	2.0	0.08	0.34	424	1	0.01	12	500	1	0.01	25	50	0.54	1																																

Termex Resources Corp.																			* The results included on this report relate only to the items listed below.					
Date Created: 04-07-22 08:38 AM																			* This Certificate of Analysis should not be reproduced except with the written permission of the laboratory.					
Job Number: 20040776																			* The methods used for these analysis are not accredited.					
Date Received: 7/12/2004																								
Number of Samples: 44																								
Type of Sample: Rock																								
Date Completed: 7/20/2004																								
Project ID: Manitou-GS																								
Accur #	Client Tag	Au PPB	Au oz/l	Au PPM	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %			
38831	364001	11	0.0005	0.011	1	0.19	1.5	2.5	39	0.5	2.6	5	12	364	9	2.08	0.16	0.56	742	2	0.01			
38832	364002	7	0.0005	0.007	1	0.78	1.5	2.5	37	0.5	1.95	5	20	120	36	3.13	0.1	0.54	736	0.5	0.08			
38833	364003	2.5	0.0005	0.0025	1	0.12	1.5	2.5	9	0.5	0.23	5	7	617	28	0.6	0.03	0.05	50	2	0.01			
38834	364004	2.5	0.0005	0.0025	1	0.76	1.5	2.5	636	0.5	0.52	5	8	336	29	1.69	0.02	0.51	5055	2	0.005			
38835	364005	2.5	0.0005	0.0025	1	1.5	1.5	6	164	0.5	1.51	5	28	120	1	5.44	0.16	0.99	2232	0.5	0.01			
38836	364006	2.5	0.0005	0.0025	1	0.99	1.5	2.5	25	0.5	3.57	5	19	83	46	3.15	0.03	0.87	886	0.5	0.12			
38837	364007	2.5	0.0005	0.0025	1	1.27	1.5	2.5	21	0.5	1.31	5	25	90	58	2.64	0.07	0.79	560	0.5	0.04			
38838	364008	25	0.0005	0.025	1	0.52	2.5	32	0.5	7.93	5	39	182	293	5.58	0.03	0.85	1575	1	0.02				
38839	364009	48	0.001	0.048	1	0.5	1.5	2.5	15	0.5	4.13	5	11	263	22	2.73	0.06	0.56	862	1	0.02			
38840	364010	2.5	0.0005	0.0025	1	0.43	1.5	2.5	18	0.5	9.32	5	14	156	38	4.12	0.04	1	2155	0.5	0.04			
38841	364010	2.5	0.0005	0.0025	1	0.41	1.5	2.5	17	0.5	9.16	5	14	150	36	4.05	0.04	0.99	2113	0.5	0.04			
38842	364011	2.5	0.0005	0.0025	1	0.57	1.5	2.5	5	0.5	0.3	5	6	271	3	1.28	0.03	0.44	207	0.5	0.01			
38843	364012	2.5	0.0005	0.0025	1	0.44	1.5	2.5	29	0.5	1.58	5	5	218	23	0.94	0.03	0.25	556	12	0.03			
38844	364051	2.5	0.0005	0.0025	1	0.03	1.5	2.5	5	0.5	0.02	5	0.5	426	4	0.29	0.01	0.005	50	2	0.005			
38845	364052	2.5	0.0005	0.0025	1	0.21	1.5	2.5	41	0.5	3.45	5	9	246	2	2.19	0.19	0.82	806	1	0.02			
38846	364053	2.5	0.0005	0.0025	1	0.23	1.5	2.5	44	0.5	0.35	5	2	338	3	0.53	0.17	0.02	153	1	0.01			
38847	364054	2.5	0.0005	0.0025	1	0.01	1.5	2.5	5	0.5	0.01	5	0.5	226	2	0.18	0.005	0.005	50	0.5	0.01			
38848	364055	2.5	0.0005	0.0025	1	0.01	1.5	2.5	5	0.5	0.005	5	0.5	445	5	0.32	0.005	0.005	50	1	0.01			
38849	364056	2.5	0.0005	0.0025	1	0.05	1.5	2.5	5	0.5	0.005	5	0.5	350	3	0.27	0.005	0.005	50	1	0.005			
38850	364057	2.5	0.0005	0.0025	1	0.53	1.5	2.5	21	0.5	2.93	5	14	114	0.5	2.32	0.08	0.71	448	0.5	0.08			
38851	364057	2.5	0.0005	0.0025	1	0.5	1.5	2.5	19	0.5	2.88	5	14	108	0.5	2.27	0.08	0.71	439	0.5	0.07			
38852	364058	2.5	0.0005	0.0025	1	0.53	1.5	2.5	30	0.5	0.59	5	4	90	10	1.3	0.15	0.28	228	1	0.02			
38853	364101	11	0.0005	0.011	1	0.91	1.5	2.5	15	0.5	2.36	5	18	114	54	2.97	0.08	0.8	646	0.5	0.04			
38854	364102	2.5	0.0005	0.0025	1	0.02	1.5	2.5	5	0.5	0.23	5	1	291	3	0.34	0.005	0.06	50	1	0.01			
38855	364103	87	0.0003	0.067	1	0.81	6	2.5	17	0.5	3.54	5	25	94	83	3.17	0.09	0.87	846	1	0.03			
38856	364104	450866	13,152	450,866	85	0.04	45	12	5	0.5	0.03	5	111	297	2926	8.33	0.005	0.02	50	1	0.005			
38857	364105	113487	3.31	113,487	25	0.6	6	2.5	40	0.5	1.71	5	32	233	5,000	3.14	0.12	0.64	668	2	0.02			
38858	364106	919	0.027	0.919	1	0.97	1.5	2.5	38	0.5	2.79	5	19	131	162	3.32	0.12	0.81	767	0.5	0.03			
38859	364107	163	0.005	0.163	1	0.04	1.5	2.5	5	0.5	0.28	5	2	325	165	0.4	0.02	0.07	50	1	0.01			
38860	364108	337	0.01	0.337	1	0.61	4	2.5	24	0.5	3.7	5	19	188	103	3.29	0.14	0.88	945	1	0.03			
38861	364108	302	0.009	0.302	1	0.85	1.5	2.5	25	0.5	3.99	5	21	201	108	3.51	0.15	0.91	1017	2	0.03			
38862	364109	28	0.0005	0.028	1	0.65	1.5	2.5	17	0.5	0.93	5	14	323	37	1.81	0.07	0.52	286	1	0.02			
38863	364110	68	0.002	0.068	1	1.08	1.5	2.5	33	0.5	3.03	5	26	126	170	3.89	0.16	0.93	849	0.5	0.03			
38864	364111	314	0.009	0.314	1	0.5	1.5	2.5	57	0.5	3.55	5	9	412	408	1.36	0.08	0.32	549	1	0.02			
38865	364112	3333	0.097	3.333	8	0.62	1.5	2.5	34	0.5	1.32	5	10	286	341	1.8	0.1	0.53	460	1	0.02			
38866	364113	172	0.005	0.172	1	0.99	1.5	2.5	38	0.5	2.6	5	25	249	158	3.35	0.11	0.86	901	1	0.03			
38867	364114	81	0.002	0.081	1	1.08	1.5	2.5	80	0.5	2.26	5	26	155	136	3.7	0.14	0.82	1236	0.5	0.03			
38868	364115	111352	3.248	111,352	23	0.03	8	2.5	5	0.5	0.03	5	18	328	3067	1.97	0.005	0.02	50	1	0.01			
38869	364116	92	0.003	0.092	1	0.08	1.5	2.5	5	0.5	0.03	5	2	311	18	0.31	0.005	0.04	287	1	0.005			
38870	364117	115	0.003	0.115	1	1.1	1.5	2.5	25	0.5	0.59	5	20	206	23	3.17	0.08	0.84	435	0.5	0.05			
38871	364117	129	0.004	0.129	1	1.07	1.5	2.5	24	0.5	0.62	5	19	190	20	2.93	0.08	0.81	398	1	0.05			
38872	364118	5	0.0005	0.005	1	0.92	1.5	2.5	12	0.5	0.56	5	13	311	34	2.1	0.02	0.65	523	0.5	0.02			
38873	364118	206	0.006	0.206	1	0.58	6	2.5	60	0.5	1.59	5	10	199	13	2.09	0.16	0.34	424	1	0.04			
38874	364152	400	0.012	0.4	1	0.63	9	2.5	59	0.5	1.32	5	12	165	13	2.35	0.2	0.28	392	0.5	0.05			
38875	364153	36	0.001	0.036	1	0.48	1.5	2.5	47	0.5	1.62	5	12	287	10	1.7	0.15	0.33	471	1	0.04			
38876	364154	25	0.0005	0.0025	1	0.51	1.5	2.5	47	0.5	1.72	5	9	89	6	1.62	0.15	0.34	372	0.5	0.03			
38877	364155	1556	0.047	1.556	1	0.45	10	2.5</td																

is tested  
cept in full, without the written approval

under ISO/IEC 17025

Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sr ppm	Tl ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
12	170	11	5	2.5	0.03	117	50	1	1	5	2	43
36	587	12	5	2.5	0.04	44	50	0.5	1	5	4	72
20	50	4	5	2.5	0.01	5	127	0.5	1	5	0.5	2
35	50	4	5	2.5	0.08	18	50	3	1	5	0.5	22
63	495	10	5	2.5	0.09	28	1984	0.5	1	5	9	68
43	501	8	5	2.5	0.06	55	50	0.5	1	5	2	63
46	481	5	5	2.5	0.07	65	2915	0.5	1	5	4	52
65	733	19	5	2.5	0.05	104	50	0.5	1	5	3	71
19	366	6	5	2.5	0.05	39	50	0.5	1	5	2	28
11	1639	9	5	2.5	0.05	142	50	0.5	3	5	7	47
10	1614	10	5	2.5	0.05	138	50	0.5	4	5	7	48
12	140	4	5	2.5	0.04	11	50	0.5	1	5	1	16
8	264	4	5	2.5	0.05	37	50	0.5	1	5	2	13
5	50	2	5	2.5	0.01	2.5	50	3	1	5	0.5	0.5
9	362	8	5	2.5	0.04	150	50	0.5	1	5	4	44
5	50	2	5	2.5	0.03	6	50	0.5	1	5	1	6
2	50	2	5	2.5	0.005	2.5	50	0.5	1	5	0.5	0.5
5	50	2	5	2.5	0.01	2.5	50	0.5	1	5	0.5	0.5
4	50	1	5	2.5	0.005	2.5	50	0.5	1	5	0.5	0.5
31	360	6	5	2.5	0.04	56	50	0.5	1	5	2	24
32	365	5	5	2.5	0.04	54	50	0.5	1	5	2	25
4	712	8	5	2.5	0.06	23	50	0.5	1	5	4	22
42	616	7	5	2.5	0.04	51	50	2	1	5	2	58
4	50	2	5	2.5	0.005	7	50	0.5	1	5	0.5	0.5
58	600	7	5	2.5	0.05	74	50	0.5	1	5	2	56
126	50	21	5	2.5	0.005	2.5	50	0.5	1	5	0.5	3
50	639	9	5	2.5	0.05	33	50	0.5	1	5	2	68
34	1333	7	5	2.5	0.07	53	50	0.5	1	5	4	61
4	50	3	5	2.5	0.01	8	50	0.5	1	5	0.5	0.5
33	1027	6	5	2.5	0.05	90	50	0.5	1	5	4	60
37	1106	6	5	2.5	0.06	97	50	0.5	1	5	5	53
26	584	5	5	2.5	0.06	23	50	0.5	1	5	2	31
49	1465	7	5	2.5	0.06	75	50	0.5	1	5	4	78
26	246	4	5	2.5	0.05	11	50	0.5	1	5	1	21
29	502	3	5	2.5	0.05	29	50	0.5	1	5	2	31
46	1267	6	5	2.5	0.07	60	50	0.5	1	5	4	63
52	1521	6	5	2.5	0.08	48	50	2	1	5	4	63
17	50	4	5	2.5	0.005	2.5	50	0.5	1	5	0.5	0.5
4	50	1	5	2.5	0.02	2.5	50	0.5	1	5	0.5	4
61	746	5	5	2.5	0.11	23	2821	0.5	1	5	3	51
74	682	3	5	2.5	0.11	25	2763	0.5	1	5	3	47
26	194	4	5	2.5	0.09	12	458	0.5	1	5	1	47
9	514	6	5	2.5	0.05	40	50	0.5	1	5	3	16
6	535	11	5	2.5	0.06	42	50	0.5	1	5	3	19
11	490	5	5	2.5	0.05	37	50	0.5	1	5	2	16
5	512	4	5	2.5	0.05	46	50	0.5	1	5	3	19
9	447	6	5	2.5	0.05	33	50	0.5	1	5	2	14
8	485	6	5	2.5	0.05	41	50	0.5	1	5	3	13

QAOA

T 0713046S-S

1 of 4

2000/08/08



RESOURCE CORPORATION

## Chain of Custody Record

(Must be accompanied by lab-specific sample submittal form)

Laboratory Name: SGS - XRF Laboratory Form # 1

### CHAIN OF CUSTODY:

#### SHIPMENT DETAILS:

Submitted By: P. Longyel Project: Manitou-6S

Relinquished To (Shipping Co.): Manitoulin

Total Number of Pieces: 1 Pail

Accepted By (Shipper Rep): M. J. Lumsden

Date (MM/DD/YY): 07/13/04 Time (00:00 HRS): \_\_\_\_\_

#### RECEIPT DETAILS (at lab):

Received By: \_\_\_\_\_ Number of Pieces: \_\_\_\_\_

Date (MM/DD/YY): \_\_\_\_\_ Time (00:00 HRS): \_\_\_\_\_

Courier: \_\_\_\_\_ Waybill #: \_\_\_\_\_

#### SPECIAL INSTRUCTIONS:

**FAX A COPY OF THIS FORM TO THE FAX NUMBER BELOW  
UPON RECEIPT AT LAB:**

Ph: (204) 255-4037 Fax: (204) 255-0708

# Request for Analysis

Date Received:

W.O. #:

Date Shipped:

Carrier:



Submitted by: Patrick Lengyel

Quote #: TX 40713-02

Purchase Order #:

Project: MANITO - GS

Date Submitted: JULY 13, 2004

Hardcopy of Report to:

Organization: Temex Resource Corp

Address (Code):

141 Adelaide Street West, Ste 1000

Toronto, ON PC/Zip: M5H 3L5

Att: Ian Campbell, Karen Rees

Telephone: 416 862 2246

Fax: 416 862 22444

Email: icampbell@temexcorp.com

karen.rees@videotron.com

Invoice to: Same 2nd Address

Fax to: Same or Fax #:

Modem 3.5diskette

Additional report to / 2nd Address:

J.W. Patrick Lengyel, P. Geo.

23-845 Dakota Street, Suite 330

Winnipeg, MB R2M 5M3

glog@mts.net

Turnaround time required:

Please confirm with Laboratory

24 hours (100% surcharge)

48 hours (50% surcharge)

Storage Instructions:

Rejects

Pulps

Free

30 days

90 days

Discard

Return (Collect) - ✓ - ✓

Storage

See Schedule of Fees for Storage costs. Rejects will  
be discarded if instructions are not provided.

No. of Samples	Sample Numbers		Sample Type	Specify Sample Prep Code	Method Codes / Elements
	From	To			
15	96901	96905	soil		MNI-B (Gold Exploration Suite)
33	96951	96973	II		II
	[Handwritten note: 141 total]				
	Total				

Notes / Special Instructions: please copy Patrick Lengyel on all correspondence and  
send a hard copy to his address and digital results to  
his email address - glog@mts.net

**Sample Mineralogy**

Sulphide Rich  
Carbonate Rich  
Graphite Rich

Iron Rich  
Oxide Rich

544  
**manitoulin**  
**TRANSPORT**

\* Head Office /  
 Bureau Chef  
 Gore Bay  
 705-282-2640

\* REGISTERED QUALITY SYSTEM  
 ISO 9002

www.manitoulintransport.com  
**BILL OF LADING / CONNAISSEMENT**  
 Not negotiable / Non négociable  
 MANITOULIN TRANSPORT INC  
 LAKEHEAD FREIGHTWAYS INC. JET TRANSPORT LTD

Customer Service 1-800-265-1485 Service à la clientèle

MANITOULIN TRANSPORT



**7376863**

Veuillez aligner la partie supérieure  
 du code à barre autocollant  
 en ligne droite sur le pointillé

UNIT NO. / N° D'UNITÉ	MANITOULIN INTERNATIONAL MANITOULIN LOGISTICS INC. MOTOR EXPRESS TORONTO MOTOR EXPRESS MONTREAL QUEBEC EXPRESS INC.	1-800-265-2715 1-866-872-5872 1-905-564-0241 1-514-694-6600 1-800-361-3132
BILL OF LADING NO. / N° DE CONN.	D M Y/A 4	

**SHIPPER / EXPÉDITEUR** CUSTOMER CODE  
 CODE DU CLIENT

NAME / NOM

ADDRESS / ADRESSE

CITY / VILLE

**CONSIGNEE / CONSIGNATAIRE** CUSTOMER CODE  
 CODE DU CLIENT

NAME / NOM

ADDRESS / ADRESSE

CITY / VILLE

ROUTING / ROUTE

CARRIER / TRANSPORTEUR

Declared Valuation \$  
 Valeur déclarée

Per: .....

Maximum liability of \$2.00 per pound unless declared valuation states otherwise. A surcharge is applicable when the declared value is in excess of \$2.00 per pound.

Responsabilité maximum de \$2.00/livre à moins d'indication contraire. Un supplément s'applique quand la valeur déclarée dépasse deux dollars la livre.

FREIGHT CHARGES / FRAIS DE TRANSPORT

PREPAID / PORT PAYÉ

Bill Shipper / Facturer l'Expéditeur

COLLECT / À PERCEVOIR

Bill Consignee / Facturer le Destinataire

Freight charges will be collect unless marked prepaid.  
 Les frais seront à percevoir à moins d'avis contraire

- OR / OU:

**BILL THIRD PARTY**  
**FACTURER UNE TIERCE**

PARTIE

Name of Third Party  
 Nom de la tierce partie

Address  
 Adresse

POS	ITEM NO. (EX)	PARTICULARS OF GOODS, MARKS AND EXCEPTIONS DESCRIPTION DES MARCHANDISES, MARQUES ET PARTICULARITÉS	DANGEROUS GOODS PROD. DANGEREUX CLASS	WEIGHT POIDS
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Sample_No	Au	Co	Ni	Pd	Ag
96909	0.14	3	3	1	4.83
96901	0.05	1	8	2	10.5
96913	0.05	1	2	1	9.41
96908	0.05	1	3	1	9.34
96902	0.05	1	9	3	8.93
96959	0.05	1	4	1	8.11
96914	0.05	1	2	1	7.93
96960	0.05	1	3	1	7.3
96907	0.05	1	2	1	7.08
96953	0.05	1	7	2	7.04
96906	0.05	1	4	1	7
96958	0.05	1	9	3	6.55
96912	0.05	1	4	1	5.07
96952	0.05	1	5	1	4.75
96951	0.05	1	26	8	4.48
96967	0.05	1	41	12	4.38
96955	0.05	1	3	1	4.27
96911	0.05	1	13	4	3.9
96965	0.05	1	4	1	3.39
96964	0.05	1	4	1	3.35
96918	0.05	1	9	3	3.17
96903	0.05	1	7	2	3.05
96969	0.05	1	7	2	2.8
96963	0.05	1	6	2	2.8
96986	0.05	1	12	4	2.54
96916	0.05	1	8	2	2.49
96973	0.05	1	12	4	2.43
96968	0.05	1	10	3	2.3
96910	0.05	1	81	24	2.29
96905	0.05	1	4	1	1.58
96957	0.05	1	7	2	1.52
96904	0.05	1	4	1	1.47
96954	0.05	1	3	1	1.31
96956	0.05	1	11	3	1.2
96917	0.05	1	2	1	1.03
96971	0.05	1	0.5	0	0.7
96915	0.05	1	18	5	0.64
96961	0.05	1	4	1	0.42
96972	0.05	1	5	1	0.39
96970	0.05	1	3	1	0.18
96962	0.05	1	2	1	0.18
	0.05		2.25	13.8	0.752

# TEMEX

RESOURCE CORPORATION

WO# 78529

## Chain of Custody Record

(Must be accompanied by lab-specific sample submittal form)

Laboratory Name: SGS Laboratory Form #: 1

### CHAIN OF CUSTODY:

#### SHIPMENT DETAILS:

Submitted By: P. Langley Project: Monitor-6S

Relinquished To (Shipping Co.): Monitorair

Total Number of Pieces: 1 Pail

Accepted By (Shipper Rep): \_\_\_\_\_

Date (MM/DD/YY): 07/13/04 Time (00:00 HRS): \_\_\_\_\_

#### RECEIPT DETAILS (at lab):

Received By: RITAVANH Number of Pieces: 1

Date (MM/DD/YY): 16/07/04 Time (00:00 HRS): 10:30 AM

Courier: MCT Waybill #: 7376863

#### SPECIAL INSTRUCTIONS:

**FAX A COPY OF THIS FORM TO THE FAX NUMBER BELOW  
UPON RECEIPT AT LAB:**

Ph: (204) 255-4037 Fax: (204) 255-0708



**APPENDIX 5**

**QA/QC DATA**

**Inserted Blanks and Standards for Rock and Soil Samples - Entire Manitou Project**

Sample_Num	Media	S_Type	Au_PPM		
96967	BLANK	MMI	0.05 ppm/Au	GS	07/26/04
365125	BLANK	MMI	0.05 ppm/Au	HV	09/27/04
365150	BLANK	MMI	0.05 ppm/Au	HV	09/27/04
365175	BLANK	MMI	0.05 ppm/Au	HV	09/27/04
365200	BLANK	MMI	0.15 ppm/Au	HV	09/27/04
365215	BLANK	MMI	0.05 ppm/Au	HV	09/27/04
365313	STD	Rock	1.622 ppm/Au	HV	09/09/2004
365323	STD	Rock	1.508 ppm/Au	HV	09/09/2004
365326	STD	Rock	1.649 ppm/Au	HV	09/09/2004
365331	BLANK	Rock	0.0025 ppm/Au	HV	09/09/2004
365310	BLANK	Rock	0.0025 ppm/Au	HV	09/09/2004
365322	BLANK	Rock	0.0025 ppm/Au	HV	09/09/2004

Blanks - silica sand from Accurassay Lab  
Standard 1.921 +/- 154 ppm Au - standard Au 44 B8

2 . 2 9 3 6 6

**Manitou GS - Lab Duplicates - Rock Sample Analysis**

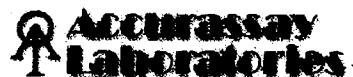
07/20/2004

Accurassay #	Client Tag	Au PPB	Au oz/t	Au PPM
38840	364010	<5	<0.001	<0.005
38841	364010	<5	<0.001	<0.005
38850	364057	<5	<0.001	<0.005
38851	364057	<5	<0.001	<0.005
38860	364108	337	0.01	0.337
38861	364108	302	0.009	0.302
38870	364117	115	0.003	0.115
38871	364117	129	0.004	0.129

Gold Standard  
Soil Geochemistry  
Rock Geochemistry  
TR Rock Geochemistry

Total Samples  
41  
20  
24

Range Au ppb  
0.05 - 0.14  
2.5 - 48  
2.5 - 450,866



**A DIVISION OF ASSAY LABORATORY SERVICES INC. MINERAL ASSAY DIVISION**



14

1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE: (807) 626-1630 FAX: (807) 623-6820 EMAIL: accuracy@tbaytel.net WEB: www.accurassay.com

Temex Resources Corp.

Date Created: 04-07-22 08:38 AM

Job Number: 200440776

Date Received: 7/12/2004

Number of Samples: 44

Type of Sample: Rock

Date Completed: 7/20/2004

Project ID: Manitou-GS

\* The results included on this report relate only to the items tested

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Accr. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sr ppm	Tl ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38831	384001	<2	0.19	<3	46	39	<1	2.80	<10	12	384	9	2.08	0.16	0.56	742	2	0.01	12	170	11	<10	<5	0.03	117	<100	1	<2	<10	2	43
38832	384002	<2	0.78	<3	46	37	<1	1.06	<10	20	120	36	3.13	0.10	0.64	736	<1	0.08	36	587	12	<10	<5	0.04	44	<100	<1	<2	<10	4	72
38833	384003	<2	0.12	<3	46	<10	<1	0.23	<10	7	617	28	0.80	0.03	0.05	<100	2	0.01	20	<100	4	<10	<5	0.01	5	127	<1	<2	<10	<1	2
38834	384004	<2	0.76	<3	46	636	<1	0.82	<10	8	336	29	1.89	0.02	0.51	5056	2	<0.01	35	<100	4	<10	<5	0.08	18	<100	3	<2	<10	<1	22
38835	384005	<2	1.50	<3	46	164	<1	1.51	<10	28	120	1	5.44	0.18	0.99	2232	<1	0.01	63	495	10	<10	<5	0.09	28	1984	<1	<2	<10	9	68
38836	384006	<2	0.90	<3	46	26	<1	3.57	<10	19	83	46	3.16	0.05	0.87	886	<1	0.12	43	507	6	<10	<5	0.08	58	<100	<1	<2	<10	2	63
38837	384007	<2	1.27	<3	46	21	<1	1.31	<10	25	90	56	2.84	0.07	0.79	550	<1	0.04	46	481	5	<10	<5	0.07	65	2915	<1	<2	<10	4	52
38838	384008	<2	0.82	28	46	32	<1	7.93	<10	39	182	293	5.58	0.03	0.85	1575	1	0.02	66	733	19	<10	<5	0.05	104	<100	<1	<2	<10	3	71
38839	384009	<2	0.60	<3	46	15	<1	4.13	<10	11	263	22	2.73	0.05	0.65	862	1	0.02	19	368	6	<10	<5	0.05	38	<100	<1	<2	<10	2	28
38840	384010	<2	0.43	<3	46	18	<1	9.32	<10	14	138	38	4.12	0.04	1.00	2186	<1	0.04	11	1630	9	<10	<5	0.05	142	<100	<1	3	<10	7	47
38841	384010	<2	0.41	<3	46	17	<1	9.18	<10	14	150	36	4.06	0.04	0.99	2113	<1	0.04	10	1614	10	<10	<5	0.05	138	<100	<1	4	<10	7	48
38842	384011	<2	0.57	<3	46	<10	<1	0.30	<10	6	271	3	1.28	0.03	0.44	207	<1	0.01	12	140	4	<10	<5	0.04	11	<100	<1	<2	<10	1	18
38843	384012	<2	0.44	<3	46	29	<1	1.56	<10	5	216	23	0.94	0.03	0.25	556	12	0.03	6	264	4	<10	<5	0.05	37	<100	<1	<2	<10	2	13
38844	384051	<2	0.03	<3	46	<10	<1	0.02	<10	<1	426	4	0.29	0.01	<0.01	<100	2	<0.01	5	<100	2	<10	<5	0.01	45	<100	3	<2	<10	<1	41
38845	384052	<2	0.21	<3	46	41	<1	3.45	<10	9	246	2	2.19	0.19	0.82	806	1	0.02	8	382	6	<10	<5	0.04	150	<100	<1	<2	<10	4	44
38846	384053	<2	0.23	<3	46	44	<1	0.36	<10	2	338	3	0.63	0.17	0.02	153	1	0.01	6	<100	2	<10	<5	0.03	6	<100	<1	<2	<10	1	6
38847	384054	<2	0.01	<3	46	<10	<1	0.01	<10	<1	226	2	0.18	<0.01	<0.01	<100	<1	0.01	2	<100	2	<10	<5	<0.01	45	<100	<1	<2	<10	<1	41
38848	384055	<2	0.01	<3	46	<10	<1	<0.01	<10	<1	445	5	0.32	<0.01	<0.01	<100	1	0.01	5	<100	2	<10	<5	0.01	45	<100	<1	<2	<10	<1	41
38849	384056	<2	<0.01	<3	46	<10	<1	<0.01	<10	<1	360	3	0.27	<0.01	<0.01	<100	1	<0.01	4	<100	1	<10	<5	<0.01	45	<100	<1	<2	<10	<1	41
38850	384057	<2	0.53	<3	46	21	<1	2.93	<10	14	114	<1	2.32	0.08	0.71	448	<1	0.08	31	380	6	<10	<5	0.04	56	<100	<1	<2	<10	2	24
38851	384057	<2	0.50	<3	46	19	<1	2.88	<10	14	108	<1	2.27	0.08	0.71	439	<1	0.07	32	388	5	<10	<5	0.04	54	<100	<1	<2	<10	2	25
38852	384058	<2	0.63	<3	46	30	<1	0.89	<10	4	90	10	1.30	0.16	0.28	228	1	0.02	4	712	6	<10	<5	0.06	23	<100	<1	<2	<10	4	22

Certified By:  
Derek Demieniuk, H.B.Sc.

Page 1 of 3

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A DIVISION OF ASSAY LABORATORY SERVICES INC. MINERAL ASSAY DIVISION



15

1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE: (807) 626-1630 FAX: (807) 623-6820 EMAIL: accuracy@tbaytel.net WEB: www.accurassay.com

Terrex Resources Corp.  
 Date Created: 04-07-22 08:38 AM  
 Job Number: 200440778  
 Date Received: 7/12/2004  
 Number of Samples: 44  
 Type of Sample: Rock  
 Date Completed: 7/20/2004  
 Project ID: Manitou-GS

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Accr. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sr ppm	Tl ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
38853	384101	<2	0.91	<3	<5	15	<1	2.36	<10	18	114	54	2.97	0.08	0.80	646	<1	0.04	42	818	7	<10	<5	0.04	51	<100	2	<2	<10	2	58
38854	384102	<2	0.02	<3	<5	<10	<1	0.23	<10	1	291	3	0.34	<0.01	0.08	<100	1	0.01	4	<100	2	<10	<5	<0.01	7	<100	<1	<2	<10	<1	<1
38855	384103	<2	0.81	6	<5	17	<1	3.54	<10	25	94	83	3.17	0.08	0.87	846	1	0.03	58	600	7	<10	<5	0.05	74	<100	<1	<2	<10	2	56
38856	384104	85	0.04	45	12	<10	<1	0.03	<10	111	287	2826	8.33	<0.01	0.02	<100	1	<0.01	126	<100	21	<10	<5	<0.01	<5	<100	<1	<2	<10	<1	3
38857	384105	28	0.80	6	<5	40	<1	1.71	<10	32	233	>5,000	3.14	0.12	0.84	888	2	0.02	50	639	9	<10	<5	0.05	33	<100	<1	<2	<10	2	68
38858	384106	<2	0.97	<3	<5	38	<1	2.78	<10	19	131	182	3.32	0.12	0.81	787	<1	0.03	34	1333	7	<10	<5	0.07	53	<100	<1	<2	<10	4	61
38859	384107	<2	0.04	<3	<5	<10	<1	0.26	<10	2	325	165	0.40	0.02	0.07	<100	1	0.01	4	<100	3	<10	<5	0.01	8	<100	<1	<2	<10	<1	<1
38860	384108	<2	0.81	4	<5	24	<1	3.70	<10	18	188	103	3.29	0.14	0.88	945	1	0.03	33	1027	6	<10	<5	0.05	80	<100	<1	<2	<10	4	50
38861	384109	<2	0.85	<3	<5	28	<1	3.99	<10	21	201	108	3.51	0.15	0.91	1017	2	0.03	37	1106	6	<10	<5	0.08	97	<100	<1	<2	<10	5	63
38862	384109	<2	0.65	<3	<5	17	<1	0.93	<10	14	323	37	1.81	0.07	0.62	286	1	0.02	26	584	5	<10	<5	0.06	23	<100	<1	<2	<10	2	31
38863	384110	<2	1.08	<3	<5	38	<1	3.03	<10	26	126	170	3.89	0.18	0.93	840	<1	0.03	49	1485	7	<10	<5	0.06	75	<100	<1	<2	<10	4	78
38864	384111	<2	0.50	<3	<5	57	<1	0.55	<10	9	412	408	1.36	0.08	0.32	549	1	0.02	26	246	4	<10	<5	0.05	11	<100	<1	<2	<10	1	21
38865	384112	8	0.62	<3	<5	34	<1	1.32	<10	10	286	341	1.80	0.10	0.53	480	1	0.02	29	502	3	<10	<5	0.05	29	<100	<1	<2	<10	2	31
38866	384113	<2	0.99	<3	<5	38	<1	2.60	<10	25	249	158	3.35	0.11	0.88	901	1	0.03	46	1267	6	<10	<5	0.07	80	<100	<1	<2	<10	4	63
38867	384114	<2	1.08	<3	<5	80	<1	2.26	<10	28	165	138	3.70	0.14	0.82	1238	<1	0.03	52	1621	6	<10	<5	0.08	48	<100	2	<2	<10	4	83
38868	384115	23	0.03	8	<5	<10	<1	0.03	<10	18	328	3067	1.97	<0.01	0.02	<100	1	0.01	17	<100	4	<10	<5	<0.01	<5	<100	<1	<2	<10	<1	<1
38869	384116	<2	0.08	<3	<5	<10	<1	0.03	<10	2	311	18	0.31	<0.01	0.04	287	1	<0.01	4	<100	1	<10	<5	0.02	<5	<100	<1	<2	<10	<1	4
38870	384117	<2	1.10	<3	<5	25	<1	0.58	<10	20	206	23	3.17	0.08	0.84	436	<1	0.05	81	746	5	<10	<5	0.11	23	2821	<1	<2	<10	3	51
38871	384117	<2	1.07	<3	<5	24	<1	0.82	<10	19	180	20	2.93	0.08	0.81	398	1	0.05	74	882	3	<10	<5	0.11	26	2763	<1	<2	<10	3	47
38872	384118	<2	0.92	<3	<5	12	<1	0.56	<10	13	311	34	2.10	0.02	0.65	523	<1	0.02	26	194	4	<10	<5	0.09	12	458	<1	<2	<10	1	47
38873	384151	<2	0.58	6	<5	60	<1	1.69	<10	10	199	13	2.08	0.18	0.34	424	1	0.04	9	514	6	<10	<5	0.05	40	<100	<1	<2	<10	3	16
38874	384152	<2	0.63	9	<3	59	<1	1.32	<10	12	165	13	2.36	0.20	0.26	382	<1	0.05	6	535	11	<10	<5	0.06	42	<100	<1	<2	<10	3	19

Certified by:  
 Derek Demianuk, H.Bec.



# A DIVISION OF ASSAY LABORATORY SERVICES INC. MINERAL ASSAY DIVISION



16

1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE: (807) 626-1630 FAX: (807) 623-6820 EMAIL: accuracy@tbaytel.net WEB: www.accurassay.com

Temex Resources Corp.  
Date Created: 04-07-22 08:38 AM  
Job Number: 200440778  
Date Received: 7/12/2004  
Number of Samples: 44  
Type of Sample: Rock  
Date Completed: 7/20/2004  
Project ID: Manitou-GS

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Accr. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Br ppm	Tl ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	
38875	384153	<2	0.48	<3	<5	47	<1	1.62	<10	12	287	10	1.70	0.15	0.33	471	1	0.04	11	400	5	<10	<5	0.05	37	<100	<1	<2	<10	2	16
38876	384154	<2	0.61	<3	<5	47	<1	1.72	<10	9	89	6	1.62	0.15	0.34	372	<1	0.03	5	512	4	<10	<5	0.05	46	<100	<1	<2	<10	3	19
38877	384155	<2	0.45	18	<5	34	<1	1.32	<10	13	139	11	2.61	0.13	0.27	374	1	0.03	9	447	6	<10	<5	0.05	33	<100	<1	<2	<10	2	14
38878	384156	<2	0.47	9	<5	48	<1	1.37	<10	10	196	8	2.23	0.17	0.31	371	2	0.04	8	485	8	<10	<5	0.05	41	<100	<1	<2	<10	3	13

Certified By:  
Derek Demianiuk, H.Bac.

Page 3 of 3

Work Report Summary

Transaction No: W0510.00343      Status: APPROVED  
 Recording Date: 2005-FEB-23      Work Done from: 2004-JUN-15  
 Approval Date: 2005-FEB-28      to: 2005-FEB-15

Client(s):  
 130646 FAIRSERVICE, ROBERT JOHN

Survey Type(s):

ASSAY	GEOL
-------	------

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
K 1220753	\$525	\$525	\$400	\$400	\$125	125	\$0	\$0	2006-OCT-23
K 1221316	\$764	\$764	\$800	\$800	\$0	0	\$0	\$0	2006-OCT-23
K 1248203	\$1,028	\$1,028	\$800	\$800	\$228	228	\$0	\$0	2006-APR-30
K 1248204	\$918	\$918	\$800	\$800	\$118	118	\$0	\$0	2006-MAY-12
K 3004697	\$4,296	\$4,296	\$0	\$0	\$796	796	\$3,500	\$3,500	2006-MAR-12
K 3004698	\$5,692	\$5,692	\$6,400	\$6,400	\$0	0	\$0	\$0	2007-MAR-12
K 3004699	\$5,016	\$5,016	\$5,600	\$5,600	\$0	0	\$0	\$0	2007-MAR-12
K 3004700	\$349	\$349	\$400	\$400	\$0	0	\$0	\$0	2007-MAR-12
K 3004701	\$742	\$742	\$800	\$800	\$0	0	\$0	\$0	2007-MAR-12
K 3004702	\$4,170	\$4,170	\$4,000	\$4,000	\$170	170	\$0	\$0	2007-MAR-12
	\$23,500	\$23,500	\$20,000	\$20,000	\$1,437	\$1,437	\$3,500	\$3,500	

External Credits: \$0

Reserve:  
 \$3,500 Reserve of Work Report#: W0510.00343

\$3,500 Total Remaining

Status of claim is based on information currently on record.



52F03NE2001 2.29366 NAPANEE LAKE

900

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

Date: 2005-FEB-28



GEOSCIENCE ASSESSMENT OFFICE  
933 RAMSEY LAKE ROAD, 6th FLOOR  
SUDBURY, ONTARIO  
P3E 6B5

ROBERT JOHN FAIRSERVICE  
P.O. BOX 627  
155 MAIN STREET SOUTH  
KENORA, ONTARIO  
P9N 3X6 CANADA

Tel: (888) 415-9845  
Fax:(877) 670-1555

Dear Sir or Madam

**Submission Number:** 2.29366  
**Transaction Number(s):** W0510.00343

**Subject: Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

An excellent report accompanies this submission.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,

A handwritten signature in black ink that reads "Ron C Gashinski".

Ron Gashinski  
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Assessment File Library

Robert John Fairservice  
(Claim Holder)

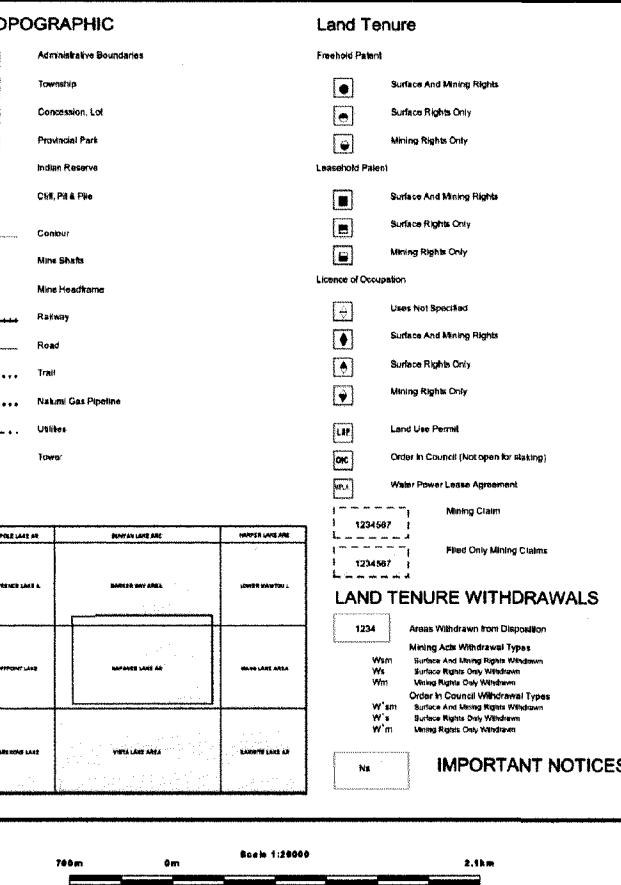
Robert John Fairservice  
(Assessment Office)

Karen Rees  
(Agent)

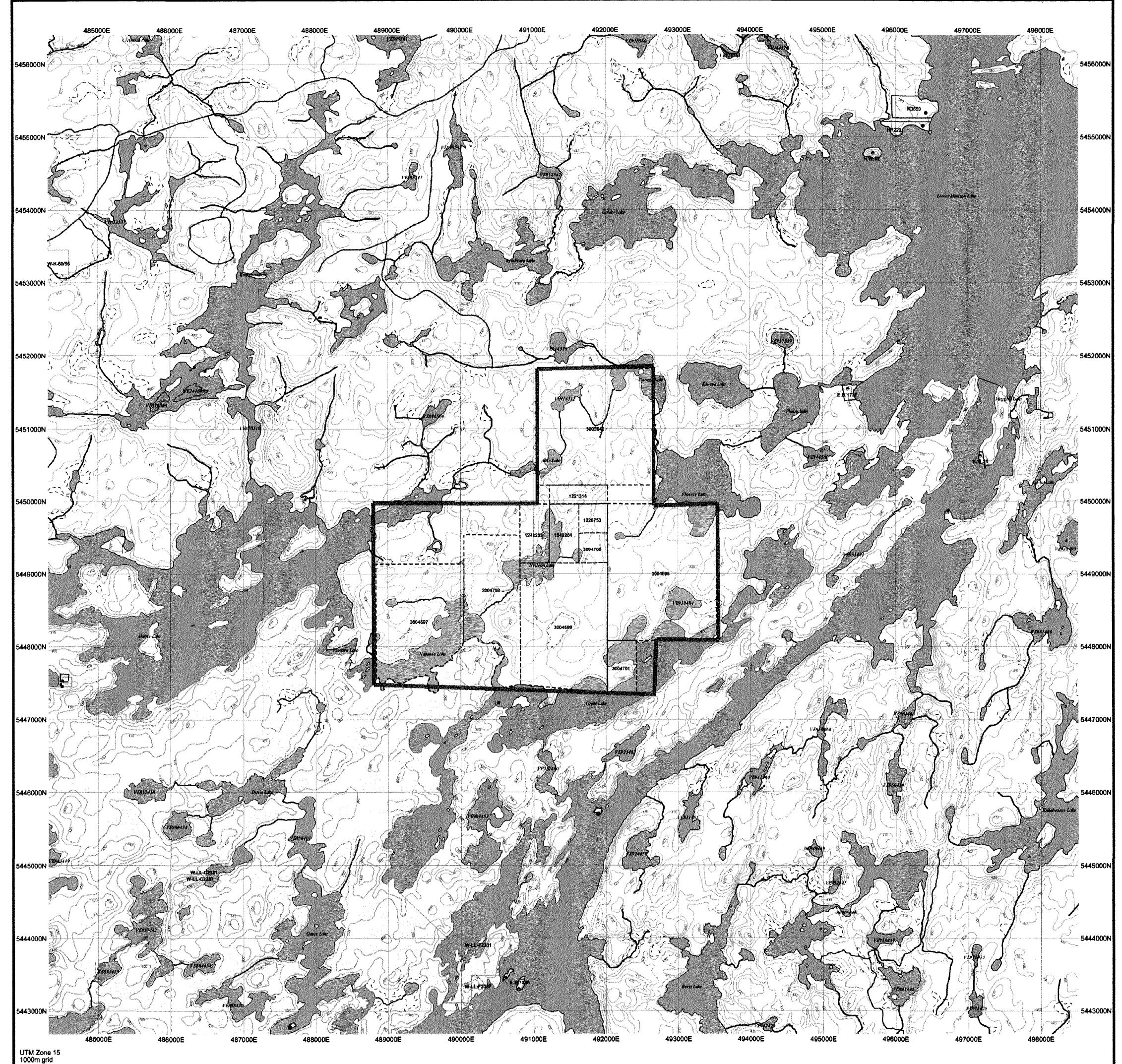
Date / Time of issue: Mon Feb 28 13:22:35 EST 2005

**TOWNSHIP / AREA**  
**NAPANEE LAKE AR****PLAN**  
**G-2690****ADMINISTRATIVE DISTRICTS / DIVISIONS**

Mining Division Kenora  
 Land Titles/Registry Division KENORA  
 Ministry of Natural Resources District FORT FRANCES



2.29366  
ASSAY  
GEOL

**General Information and Limitations**

These mining claims should consult with the Provincial Mining Recorder's Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown herein. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

Contact Information:  
Provincial Mining Recorder's Office  
Willie Green Miller Center 633 Ramsey Lake Road

Toll Free: 1 (888) 415-0646 ext 5742 (projection: UTM 8 degree)  
Fax: 1 (877) 670-1444  
Topographic Data Source: Land Information Ontario

Map Datum: NAD 83  
Map Scale: 1:250,000  
This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licenses, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to state mining claims may not be displayed.



## LEGEND

o/c poly	15-Diabase
■	30-Carbonate Vein
■	10-Mosher Bay Metasediments (Tamiskaming-type Sediments)
■	25-Quartz-Ankerite Vein/Alteration
■	8-Ultramafic Intrusions/Flows
■	20-Quartz Vein
■	7-Granitoid Intrusions
■	6-Synvolcanic Gabbro
■	5-Synvolcanic Sediments
■	4-Rhyolite
■	3-Intermediate Tuff (e,f,g,h)
■	3-Intermediate Flow (a,b,c,d)
■	2-Basalt-unaltered
■	1-Komatiite/Picrite
■	Lake Sediment
■	Soil Sample
■	Rock Sample
■	Whole Rock Sample
Sample No.	ppb Au
Sample No.	MMI Au Response Ratio
Sample No.	ppm Au
Sample No.	% MgO
minor fold	
shear zone: vertical, inclined	
foliation: vertical, inclined, F2	
fracture cleavage: vertical, inclined S1, inclined S2	
shear zone, left-lateral, right-lateral	
plunging boudin	
lineation: F1, F2, F3	
glacial stria - sense unknown	

