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Report on the Temex Resources Corp.

2004-2005 Exploration Programs

Merico-Ethel Property

Elk Lake, Ontario

Larder Lake Mining Division, Ontario

NTS 41 P/9NW, 41 P/16 SW

Latitude 47°44'44" N Longitude 80°15'52"W

Magnetic Declination in 2005: 10°51' West

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June 15, 2006

Summary

The Merico-Ethel Property is held under an option agreement between Temex Resources Corp. ("Temex") and JKate Explorations Inc. The Property was acquired because of the presence of numerous polymetallic, narrow steeply dipping quartz-carbonate veins and vein/shear systems hosted by diabase. Previous operators have reported significant gold mineralization from random grab samples taken from veins throughout the property, ranging from 0.1 to 22.53 g/t gold. Exploration work in the fall of 2004 consisted of a program of prospecting, trenching, channel sampling, and soil geochemical sampling. This work was performed to outline areas of potential anomalous Au and associated Cu-Ag-Co-U mineralization. Work to date includes the trenching of 10 areas, and the collection and analyses of 177 soil samples, 39 channel samples, and 152 prospecting samples.

Temex is exploring the property for Proterozoic Au-rich polymetallic veins and unconformity related deposits sitting at the base of the Huronian unconformity with the Archean rocks, all capped by Nipissing diabase.

The Merico-Ethel Property ("the Property") is located along the northeastern to northern margin of the Cobalt Embayment within the Southern Structural Province. Reconnaissance and trench mapping outlined the major lithologies on the Merico-Ethel property. They consist of a relatively thin, Proterozoic aged Nipissing Diabase sill overlying and intruding thin, Gowanda Formation conglomerates and dropstones and Lorrain Formation clastics sediments, which in turn overlie granitic Archean basement rocks. Major structures noted on the property consist of localized zones of strong jointing and fracturing, mainly present in the diabase, but exhibited to a lesser scale in the underlying Huronian sediments. The joints and fractures are generally steep to vertically dipping and display the following three main orientations which are occupied by the Cu-Au-Ag-Co carbonate +/- quartz veins: northeast trending steeply dipping; northwest trending vertically dipping; and east-west trending steeply north dipping.

Soil sampling outlined 28 samples which were anomalous in either/or Au-Ag-Co-Cu-Pb-Zn-Ni. Of these, two samples are high priority targets and fifteen samples are moderate priority. Prospecting on the property was successful in identifying numerous veins and occurrences: from these 65 samples were anomalous in Au, 97 samples were anomalous in Cu, 32 samples returned anomalous Ag, 42 samples contained anomalous Co, 14 samples were anomalous in Ni, 10 samples contained anomalous Pb, 5 samples returned anomalous Zn results, 31 samples were anomalous in As, and 6 samples returned anomalous U. Trenching exposed the main Merico Shaft vein, a narrower and parallel vein to the NE, a larger system of bifurcating narrow veins south of the Merico Shaft area, but failed to expose the Ethel Mine vein. Prospecting and channel samples intersected significant gold mineralization (>1 g/t) at the Merico shaft area, the Ethel Mine, the Sauvé showing, the Silver Jackpot shaft area, the Silver Fox shaft area, the Beaver pond shaft area, the Paramount shaft area, the veins located to on the west side of the large beaver pond (line 1600E), as well as in several shafts and pits located between the Silver Jackpot and Silver Fox shafts. The many occurrences of anomalous to ore grade Au-Ag-Cu-Co veins on the property suggests that a deeper source of larger economic concentrations of mineralization exists at the unconformable Huronian sediment-Archean contact capped by the Diabase Sill. The Au-Ag-Cu-Co rich veins may represent leakages or zoning outwards of this body, similar to porphyry and IOCG deposits. This possibility is supported by the IP data (previously reported), which indicates a large NE trending chargeability high below 75 m depth.

Future work on the property will include field examinations of coincident soil, lithogeochemical, IP, and magnetic anomalies. A fence of drillholes penetrating the Huronian cover into the Archean basement is recommended along either gridlines 8+00 or 12+00 East from 22+00 S to 13+00 S. Drilling a few holes in the area between the Merico Shaft and the Ethel Mine is recommended as well.

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1.0 Introduction

The Merico-Ethel Property is situated in northern Ontario, at the junction of Tudhope, James, and Truax townships, located approximately 4.6 km northeast of the Town of Elk Lake. It is intersected by highway 560 which crosses east-west through the northern half of the property (Fig. 1). The Merico-Ethel Property is held under an option agreement between Temex Resources Corp. ("Temex") and JKate Explorations Inc. The claims are all recorded in the name of JKate Explorations Inc.

The Property consists of a group of 29 contiguous claims, approximately 3,480 acre in size. Rocks outcropping on surface are composed of Proterozoic diabase and Cobalt Group sediments lying unconformably over Archean aged felsic intrusives of the Round Lake batholith. The Property was acquired because of the presence of numerous polymetallic, narrow steeply dipping quartz-carbonate veins and vein/shear systems hosted by diabase. Previous operators have reported significant gold mineralization from random grab samples taken from veins throughout the property, ranging from 0.1 to 22.53 g/t gold. The property is part of a larger land package acquired with the objective to explore for and discover Proterozoic gold rich polymetallic veins and unconformity related deposits in the Elk Lake, Cobalt and Temagami area.

Exploration work in the fall of 2004 consisted of a program of prospecting, trenching, channel sampling, and soil geochemical sampling. Further prospecting, lithogeochemical sampling, and mapping of the trenches was continued in the summer of 2005. This report documents the work performed on the Merico-Ethel Property during the summer of 2004 and the summer of 2005. Soil sampling was performed to outline areas of potential anomalous Au and associated Cu-Ag-Co-U mineralization. A program of linecutting, magnetometer and induced polarization (IP) geophysical surveys was completed in the fall of 2004, and this work was filed for assessment at that time (Rees, 2005 and Clearview Geophysics Inc., 2005). The geophysical work identified areas for further prospecting in 2005. The trenching program was designed to fully expose areas where significant veining had been identified from previous exploration programs, areas of intersecting structural and geophysical trends, and the bedrock source of several untested IP chargeability zones. Work completed includes the trenching of 10 areas in the northern half of the property, and the collection and analyses of 177 soil samples, 39 channel samples, and 152 prospecting samples.

Eric Potter of Carleton University assisted Neil Pettigrew in trench mapping during the summer of 2005, and performed brief petrographic analyses on samples from mineralized polymetallic veins on the property and on the aplitic alteration hosting the veins. Currently, he is carrying out a PhD. thesis which is based on regional mineralization related to the Cobalt unconformity; this work included some of the veins on the Merico-Ethel property.

Other contributors to the project include Dr. Richard Taylor of Carleton University who documented the mineralogy and parageneses of the Cu-Co +/- Au-Ag calcite veins-Te bearing quartz veins during the winter of 2004; and Victor Wall of Taylor Wall and Associates who reviewed the data and proposed several exploration targets in the winter of 2005.

2.0 Property Access

The Merico-Ethel Property is located 170 km north-northwest of North Bay, Ontario. It can be accessed from the town of Elk Lake by heading east on Highway 560, which bisects the northern part of the Property. The claims are easily accessed by a network of logging roads emanating to the south of this highway (Figs.1 and 2). Elk Lake is approximately 27 km west of the junction of Highway 11 and Highway 560.

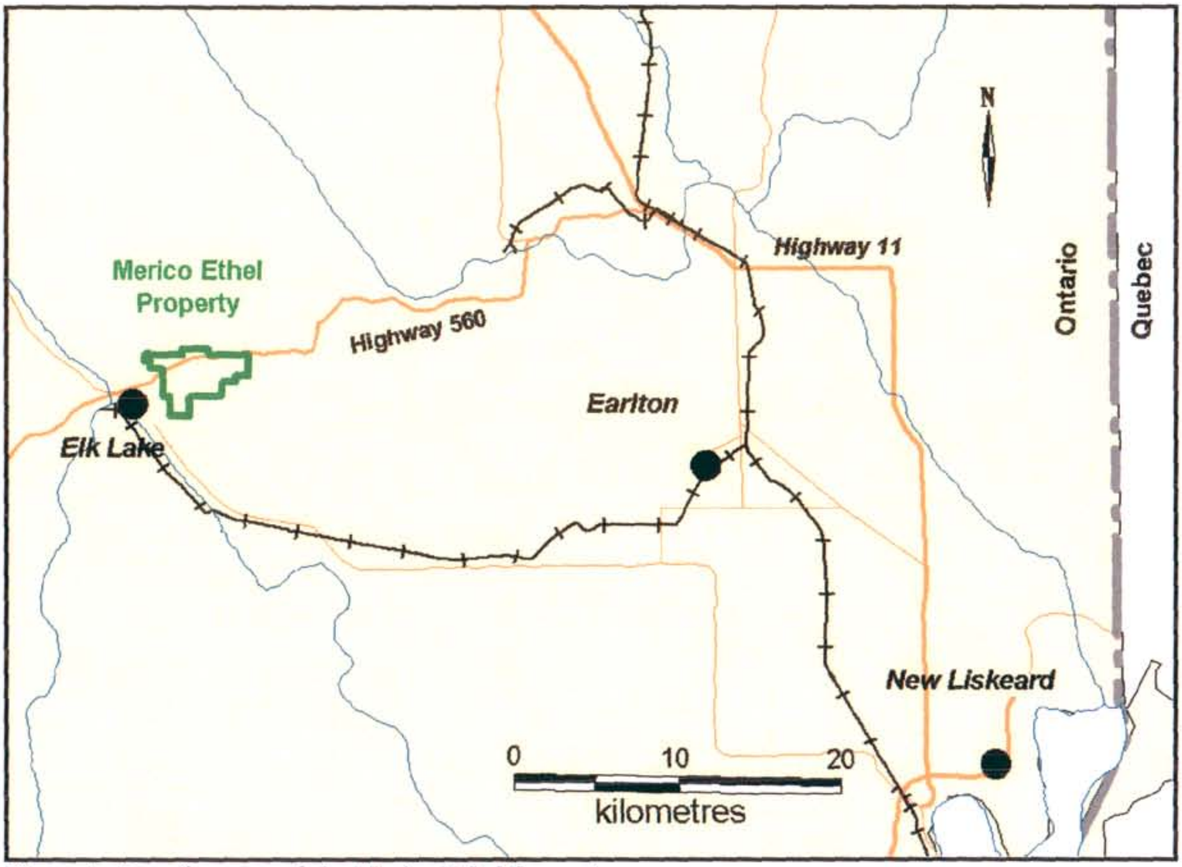

Figure 1: Location map of the Merico-Ethel Property

3.0 Property Description

The Merico-Ethel Property is held under an option agreement dated August 12, 2004, between Temex Resources Corp. ("Temex") and JKate Explorations Inc. In order to earn a 100% interest in the Property Temex must, over three years, incur a total of $250,000 in exploration expenditures, issue $80,000 in cash payments and issue 110,000 shares to the optioner.

The Property consists of 29 mining claims comprising 87 units for a total land area of 3480 acres, as listed in the following table and illustrated in Figure 2. The claims are all recorded in the name of JKate Explorations Inc.

Relief on the property is modest, with elevations between 300 and 350 metres above sea level. Forest cover is mixed. No major lakes are on the property, minor ponds and swamps are present.

Table 1: Merico-Ethel Claims

Claim	Units	Date Recorded	Date Due	Township	Holder
1118625	4	1994-Oct-21	2009-Oct-21	Tudhope	JKate Explorations Inc. (100%)
1202448	1	1994-Apr-26	2009-Apr-26	Tudhope	JKate Explorations Inc. (100%)
1202555	1	1994-Apr-26	2009-Apr-26	Tudhope	JKate Explorations Inc. (100%)
1212261	1	1996-Sep-11	2009-Sep-11	Tudhope	JKate Explorations Inc. (100%)
1214024	1	1996-May-09	2009-May-09	James	JKate Explorations Inc. (100%)
1217771	1	1996-Sep-24	2009-Sep-24	Tudhope	JKate Explorations Inc. (100%)
1217772	1	1996-Sep-24	2009-Sep-24	Tudhope	JKate Explorations Inc. (100%)
1217784	7	1997-Jun-05	2009-Jun-05	Tudhope	JKate Explorations Inc. (100%)
1222053	2	1997-May-15	2009-May-15	Tudhope	JKate Explorations Inc. (100%)
3006674	1	2004-Jul-21	2009-Jul-21	Tudhope	JKate Explorations Inc. (100%)
3006676	2	2004-Jul-21	2009-Jul-21	James	JKate Explorations Inc. (100%)
3006678	6	2004-Jul-06	2009-Jul-06	James	JKate Explorations Inc. (100%)
3006679	3	2004-Jun-08	2009-Jun-08	Tudhope	JKate Explorations Inc. (100%)
3006748	2	2004-Jun-08	2009-Jun-08	Tudhope	JKate Explorations Inc. (100%)
3007407	1	2004-Mar-17	2009-Mar-17	James	JKate Explorations Inc. (100%)
3011640	4	2004-Sep-28	2009-Sep-28	Tudhope	JKate Explorations Inc. (100%)
3011641	2	2004-Sep-28	2009-Sep-28	James	JKate Explorations Inc. (100%)
3011642	1	2004-Sep-28	2009-Sep-28	Tudhope	JKate Explorations Inc. (100%)
3011643	1	2004-Sep-28	2009-Sep-28	James	JKate Explorations Inc. (100%)
3011644	4	2005-Apr-04	2009-Apr-04	Truax	JKate Explorations Inc. (100%)
3011699	2	2004-Nov-12	2009-Nov-12	Tudhope	JKate Explorations Inc. (100%)
3013891	6	2004-Nov-23	2009-Nov-23	James	JKate Explorations Inc. (100%)
3013892	6	2004-Nov-23	2009-Nov-23	James	JKate Explorations Inc. (100%)
3013894	6	2004-Dec-02	2009-Ded-02	Tudhope	JKate Explorations Inc. (100%)
3013896	3	2004-Dec-15	2009-Ded-15	Tudhope	JKate Explorations Inc. (100%)
3013897	8	2004-Dec-15	2009-Ded-15	Tudhope	JKate Explorations Inc. (100%)
3013907	2	2004-Nov-12	2009-Nov-12	Tudhope	JKate Explorations Inc. (100%)
3013909	4	2004-Nov-23	2009-Nov-23	James	JKate Explorations Inc. (100%)
4203532	4	2004-Dec-29	2009-Ded-29	Tudhope	JKate Explorations Inc. (100%)
Total	87				

4.0 General Geology and Mineralization

The Merico-Ethel Property ("the Property") is located along the northeastern to northern margin of the Cobalt Embayment within the Southern Structural Province. The Abitibi Greenstone Belt, of the Superior Province, lies mainly to the north, but also underlays the Cobalt units on the property. Most of the rocks of the greenstone belt are the orthogneisses and large granitic intrusions, which are separated by ultramafic to felsic volcanic and sedimentary rocks. The Round Lake Batholith intrudes the metavolcanic sequences of the Abitibi Greenstone Belt in this area. All of these units are intruded by the Late Archean Matachewan diabase dyke swarm, dated at 2633 Ma (Gates and Hurley, 1973). The Southern Province in this area consists of the 2.5 to 2.2 Ga Huronian Supergroup. This supergroup consists of the Cobalt Group which is represented by the early Proterozoic Gowganda Formation and slightly younger Lorrain Formation. The Gowganda Formation is composed of two parts, an underlying glaciogenic Coleman Member and an overlying fluvial-deltaic Firstbrook Member. All of these rocks are in turn intruded by Nipissing Diabase, dated at 2219 Ma (Bennett et al., 1991). Nipissing Diabase is the term given to a voluminous suite of gabbro/diabase sills and dykes which intrude the Huronian from Cobalt to Sault Ste Marie. The Huronian Supergroup unconformably overlies the Superior province, and it is this unconformity contact that Temex is investigating for potential large scale Au-Cu-Co-U ore deposits within the Cobalt Embayment.

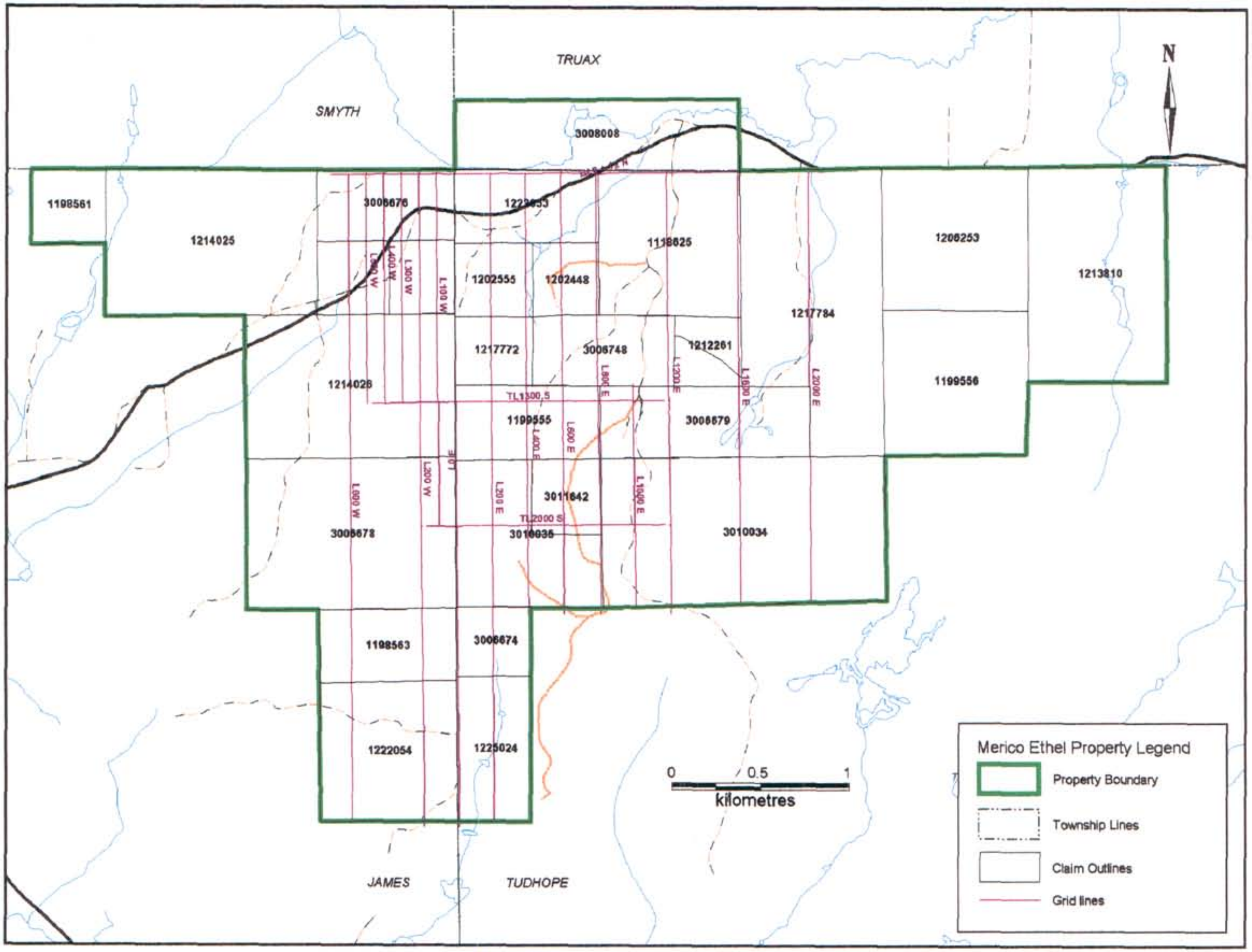

Figure 2: Merico-Ethel Property Claim and Grid Plan

The property is located at the junction of two townships; James and Tudhope, with one claim extending north into Truax Township (Fig. 2). These two townships are underlain by early Precambrian tholeiitic to calc-alkalic metavolcanic rocks of the Abitibi Greenstone Belt, which are unconformably overlain by sedimentary rocks of the Huronian Cobalt Group. The edge of the Round Lake Batholith intrudes the Precambrian volcanics at the north end and eastern side of the property. Most of the Merico-Ethel claims are underlain by a large Nipissing diabase sill, which is intruding Coleman Formation matrix-supported conglomerate. The sill is dated at 2150 Ma (Johns, 1986). Minor outliers of Lorrain Formation arenites are exposed in the central western part of the property, and outside the property boundary on the southeastern corner of the claims. None of the volcanics are known to outcrop on the property, although the Abitibi geology map has a unit of mafic volcanic rocks trending east-northeast where previous workers (Johns, 1986) had mapped Lorrain sediments.

Structures on the property are varied. The intrusion of the Round Lake Batholith caused nonpenetrative fabric development and mild deformation, which resulted in major east–northeast and northeast faults and shear zones. Foliations when observed are parallel to the contacts of the batholith, which commonly are northeast trending. The Cobalt Group sediments are shallowly dipping. The diabase contains several joint sets, the main ones trending northeast and northwest. The northwest-trending Montreal River Fault surfaces southwest of the property, along Elk Lake and the Montreal River, and is considered to be a re-activated Archean fault system. Displacement along this fault appears to be minor, with no apparent major horizontal or vertical displacement of lithologies. Johns (1986) suggests the Montreal River Fault was formed as part of the Lake Timiskaming Rift valley, is deep seated, and acted as a conduit for the intrusion of Nipissing Diabase. Repeated tectonic activity before, during and after the intrusions resulted in the generation and reactivation of the regional-scale faults that acted as mineralizing fluid pathways (Born and Hitch, 1990). A northeast trending fault, the Truax fault, is present on the northwest part of the property, and is possibly related to reactivation after the intrusion of the Round Lake Batholith. Figure 3 demonstrates the regional geology and mineralization of the property and area.

The surficial geology of the region is dominated by a thin discontinuous veneer of ground moraine sediments thought to be primarily of Late Wisconsinan age (Roed, 2004) and a mixture of lacustrine deposits consisting of fine-grained sand and varved or massive silt and clay (Johns, 1986). The glacial cover thickens to the north and southwest. The ice direction was generally south to southwest, but locally, in the Elk Lake area, two sets of striae were observed; an older set ranging from 205 to 210° is crosscut by a younger set oriented at approximately 195° (Roed, 2004). Other deposits in the area include glaciofluvial outwash deposits of gravel and sand (Roed, 2004).

The Merico-Ethel Property is host to numerous, narrow (0.1 to 1.5 m), steeply dipping carbonate (+/- quartz) veins hosted by the relatively flat-lying sheet of Nipissing Diabase (Taylor, 2004). Common mineralogy in the veins is Cu-Fe-Ag-Co+/-Au sulphides occurring as disseminated blebs or stringer veinlets within the carbonate veins or carbonate-quartz veins. Often the narrow carbonate veins are accompanied by aplitic alteration and veining within the diabase sill. The veins systems appear to strike E-SE (300°), E-NE (70°), and N-NE (20° to 30°), all steeply dipping. All occurrences appear to be polymetallic, although the copper-rich veins/shears generally appear to have lesser gold and silver contents. Where specular hematite is present in the veins the gold values generally appear to be higher. The best values for silver and gold appear to be at the intersections of veins/structures. This was found on the Northern Silver Fox property where intersecting 20° veins with 70° veins produced very high silver values. Copper assays of up to 14.64% and gold values of 2.62 g/t have also been documented from the Merico-Ethel Property and corroborated by the OGS (Johns, 1986), as well as a sample of 1.56% U_3O_8 from the Sauvé occurrence. These surface veins are proposed to be a reflection of a larger body below the Nipissing sill, and at or near the unconformity with the Huronian. All occurrences of note and the regional geology of the property are shown in Figure 3.

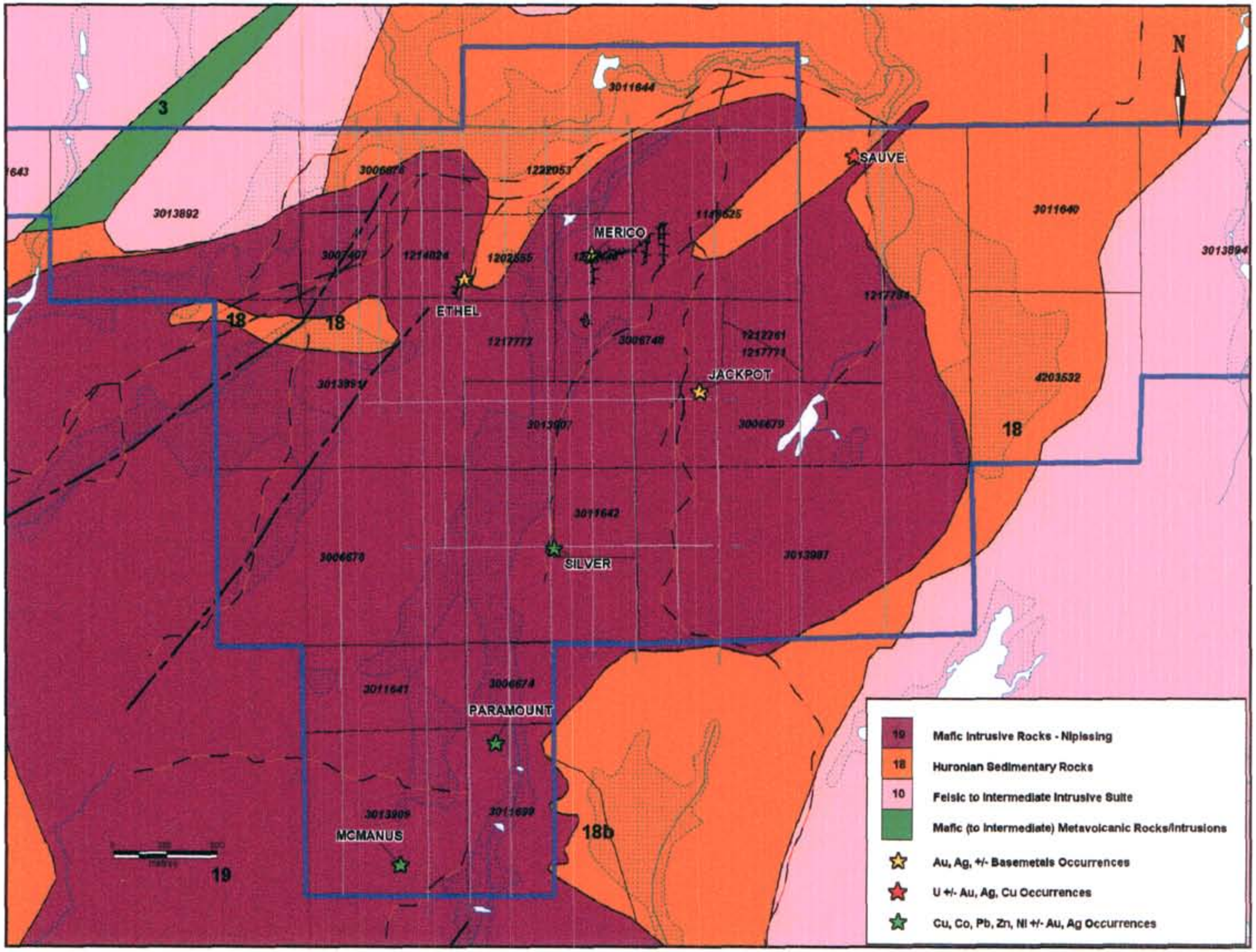

Figure 3: Regional Geology and Occurrences of the Merico-Ethel Property

5.0 Exploration History

The Merico-Ethel Property and the immediate area surrounding it has a long history of prospecting performed from the early 1900's to the early 1970's. Numerous Au, Ag, and Cu showings were identified. The majority of exploration and development work has centered around the Ethel Copper Mine Deposit and in the Merico shaft area. A brief summary of the exploration history of the Merico-Ethel property is presented below. A more detailed account up to 1986 can be found in Johns (1986).

1909	A 100 foot shaft was sunk by Silver Alliance Mines, on a 3 inch wide carbonate vein with silver, bornite, chalcopyrite, and "cobalt bloom" striking 76 degrees (N76E). The shaft or mine is called the "Silver Deposit" or "Northern Silver Fox" occurrence.
1909	United States Silver Mines Ltd. sank a shaft along a northeast trending silver vein, on a property northwest of the Silver Deposit, known as the Silver Jackpot Deposit. They also sank a smaller shaft to the SW and several other pits along the vein between the two shafts (J.G. Willars, 1977). The mine was then abandoned that year.
1903-1910	A discovery of copper mineralization was made around 1903 on what is termed the Sauvé Prospect, and trenching and prospecting were carried out until 1910.
1919	Toledo Silver Mines Ltd. originally owned the Toledo Silver Mine, which is reported to contain a 250 foot deep shaft. Johns (1986) reported the mine dump contained a little vein material of calcite with chalcopyrite, specular hematite, and traces of cobalt bloom.
1948	Chavigny Gold Mines Ltd staked property over the Sauvé Prospect, in the north half of Tudhope Township. They performed a magnetic survey, inspected the original trenches, and sunk a 600-foot long diamond-drill hole through the diabase dyke.
1951	Brazeau owned the claim containing the Toledo Mine shaft and performed minor exploration work on the property.
1951	Silver Jackpot Mines Ltd. dewatered the Silver Jackpot shaft and discovered a number of bags of silver ore at the bottom of the shaft (G. Johns, 1986). They performed surface stripping and blasting in the vicinity of the shaft. The veins are reported to contain carbonate, native silver, bornite, specular hematite, and chalcopyrite.
1952	Ethel Copper Mines drilled 3 holes, on the edge of James Township, over the area currently containing the Ethel Copper Mine. The holes intersected significant copper.
1953	Teck-Hughes Gold Mines Ltd. held the claims over the Toledo Mine, and performed trenching and sampling along the vein.
1953	Ethel Copper Mines Ltd. carried out a self potential survey over the Toledo Mine area, and delineated an anomaly over the main showing.
1953-1954	William Inch staked claims over the Sauvé Prospect. He cleaned and deepened the original trenches, and in a trench 105 feet long exposed the southern contact of the diabase with a 5 foot wide fracture zone with calcite and diabase vein breccia.

	Pitchblende was found with chlorite in the vein breccia. A selected sample of the radioactive material contained 1.56% U_3O_8 equivalent.
1955	Stan Welsh sunk a 213-foot long diamond-drill hole through the diabase on the Sauvé Prospect.
1955-1956	Merico Explorations Ltd. held the two claims over the Toledo Silver Mine. They completed three diamond-drill holes under the trench and intersected the mineralized horizon at the 50 and 100 foot levels.
1956-1957	Fred Walsh owned two claims, the Cummings claims in the north part of lot 10, concession V, Tudhope Township, underlain by a sill of Nipissing Diabase. A pit 10x12x23 feet intersected a small carbonate vein with silver and cobalt mineralization. Walsh completed three diamond-drill holes, totaling 81 feet, through the N 21° E trending vein.
1959	Min-Ore Ltd. held six claims in the south part of lot 12, concession V, and north part of lot 12, concession IV, Tudhope Township. Trenching was carried out, and two diamond-drill holes, totaling 330 feet, were completed. Both holes intersected massive chalcopyrite up to 7.5 feet in thickness.
1959-1961	Harold Lynch owned claims covering the center of lot 11, concession VI, Tudhope Township. At present these are covered by JKate claim #1118625. He drilled 6 holes to intersect a narrow quartz-carbonate vein containing chalcopyrite, malachite, bornite, azurite and specular hematite. No samples or assays are given. In 1961 he drilled a seventh hole, 164 feet long, in the same area, and it intersected 1 foot of 8.27% Cu, 1.1 oz/ton Ag in a quartz carbonate vein with bornite.
1960	Ethel Copper Mines drove an inclined adit along the mineralized zone at Ethel Copper, James Township, for a distance of 90 feet, and subsequently extended another 60 feet (18.3 m). Three horizontal diamond drill holes were completed from the adit workings. The holes to the south intersected narrow copper-bearing zones.
1961	Ethel Copper Mines performed electromagnetic and induced polarization surveys over the Ethel Mine property. They followed up with 7,574 feet (2308 m) of diamond drilling. This work outlined a mineralized zone 550 feet long, 6.3 feet wide, and 110 feet deep, containing an estimated 35,000 tons averaging 3.15% copper before allowance for dilution (15% dilution - 40,250 tons of 2.73% Cu). It is estimated that approximately 20,000 tons of these reserves were extracted leaving 20,000 tons remaining. Actual copper production values are not available.
1961	C. Cook carried out exploration just to the north of the Silver Shaft, on the north part of claim #3011642 of JKate. Two holes totaling 204 feet were completed; they intersected diabase with minor calcite veins with chalcopyrite and bornite blebs. No assays or samples are noted.
1961	G.S. Welsh collared one drill hole, 101 feet long, 950 m north of the holes completed by Cook. The hole intersected diabase with minor calcite veinlets containing specks of chalcopyrite and pyrite.

1961-1962 Ethel Copper Mines Ltd. drilled two holes, 61-E-1 and 62-E-1, located at the west end of claim # 1199555. No log exists for hole 61-E-1, it is recorded on a cross-section with hole 62-E-1. Hole 62-E-1 intersected diabase containing minor veinlets of calcite. No other mineralization was noted.

1962 The St. Lucie Syndicate, subsequently changed to the St. Lucie Exploration Company Ltd., obtained an agreement to carry out underground development and mining operations on the Ethel Copper Mine Property. Work was performed until the surface plant was destroyed by fire in January 1963. St. Lucie then terminated the agreement.

1962 Big Jackpot Mines drilled two holes in the vicinity of the Silver Jackpot Mine area. Small quartz-calcite veins with minor copper mineralization were noted, no assays or samples were recorded

1972 NRG Resources Inc. acquired 14 claims situated over claim 3006678 and west of this claim and the property as well, in James Township. They completed a compilation of previous work, an IP and EM survey, and mapping, no assays or samples are recorded. The VLF-EM survey outlined two conductors on the west side of their property (off Temex's property); the IP survey outlined two conductors.

1973 Majestic Construction drilled two holes off the western edge of the property, east of claim # 1214025 of Temex. The holes were 50 m long, and intersected conglomerate, quartzite and minor calcite veins, no samples or assays were recorded.

1976 George Welsh developed five trenches along the Nipissing – Gowganda Formation contact on the Sauvé Prospect. No other work in this area is mentioned.

1976-1980 Northern Silver Fox Resources Inc. acquired the Silver Jackpot Deposit from Orient Venn. Work performed was on the Silver Jackpot deposit and associated veins. They completed a magnetometer survey, a VLF-EM survey, and a radiometric survey. Trenching was performed along the main vein (trending 35°) for 485 m and a secondary vein trending about 300°. In 1976 and 1977, Northern Silver Fox drilled 12 holes along this vein system, totaling 570 m. The best intersection was hole 77-5, which encountered 1.3' of 1.97 oz/ton Ag at 20 feet in the hole. G. Johns (1986) reports that Northern Silver Fox Resources Inc. drove an adit SE along the main vein towards the main shaft in 1980.

1978 Northern Silver Fox Resources completed a magnetic and VLF-Em survey 800 m east of the Jackpot shaft, east of a beaver pond. They carried out trenching here, re-establishing old trenches on two veins. This area was drilled by Big Jackpot Mines in 1962.

1991 Tom Obradovich carried out an airborne magnetic and VLF-EM survey over the northern part of the current property, covering claims 1222053, 1214024, 1202555, 1202448, 1118625, and 3006676. Magnetic relief was found to be low over the area surveyed; one high striking N-NW over an area in the south-central part was noted, with an associated magnetic low to the south. Three faults were outlined by the surveys. The VLF-EM survey indicated two conductive zones, A and B, occurring in the northern part of the survey area.

1995-1996	Garfield Pinkerton worked on claims covering the northern part of the property. They cover the former Merico Shaft, where a 5 foot shear zone trends 70 degrees, with associated carbonate veins containing chalcopyrite, bornite and specularite. Work completed included an OPAP assisted program of stripping, trenching, and sampling. A total of 6 trenches, up to 1 metre wide, were completed, and an area 265 m long was stripped, 13 samples were collected. Follow-up work included a magnetometer and VLF-EM survey over claims 1202448 and 1118625. A new showing, located in the SW corner of claim 1202448, was hand stripped, trenched, and sampled. After this point in time, the property was optioned.
1996-1997	CuSil Venture Corp. acquired a large part of the Merico-Ethel property in 1996. In 1997 they remapped the property and trenches in detail, identified a number of previous showings, and defined a few new showings. They also completed a ground magnetometer and time induced IP survey over their property. Five broad targets were generated from this work, and 4 drill holes were proposed.
1998	CuSil Venture Corp. completed four drill holes, planned to intersect the downward extension of surface showings below the 100 m diabase sill, and testing 4 of the high definition IP anomalies. Drill hole Cu 1-98 intersected a minor mineralized zone of calcite-quartz veins with 3% sulphides. The best assays from this zone were: 1.2 m of 0.83% Cu, 0.6 g/t Ag, and 0.15 g/t Au at 114.5 m depth; 1.5 m of 0.558% Cu, 0.3 g/t Ag, and 0.17 g/t Au at 122 m depth; and 1 m of 0.49% Cu, 0.4 g/t Ag, and 0.59 g/t Au at 133.8 m depth. After completion of 1350 m drilling, CuSil Venture Corp. concluded no further investigation of the property was warranted.
1999	JKate Explorations completed two drill holes in the southern part of the Merico-Ethel property, over the Paramount Occurrence. Both holes are on the southern half of claim #1225024. Hole BP-1-99, drilled to the NNE, at -54°, intersected 0.4 m of 4.77% Cu, 0.189% Co, 4.2 g/t Ag and 0.2 m of 0.06% Cu, 0.1 g/t Au, 0.8 g/t Ag, and 0.13% Co farther up the hole at 9.4 m. Hole BP-2-99., drilled to the southeast of the first hole, and at an angle going SSW, intersected 0.4 m of 3.44% Cu, 5.5 g/t Ag at 21.8 m, and 0.6 m of 0.58% Cu, 0.02 g/t Au, 1.5 g/t Ag at 23.2 m.
2004	Temex options the Merico-Ethel Property, comprising 29 mining claims, 87 units and 3,480 acres in James, Truax and Tudhope Townships, from JKate Explorations Inc. to acquire a 100% interest. A program of linecutting, trenching, soil sampling, geophysics and lithogeochemical sampling was proposed, and is documented in this report.

6.0 Current Program

The 2004-2005 exploration programs on the Merico-Ethel Property consisted of soil sampling, prospecting, reconnaissance mapping, trenching, channel sampling and sample analyses. Other work completed in 2004 included line-cutting, ground based magnetometer and I.P. surveys, reported on by Rees, 2005 and Clearview Geophysics Inc., 2005.

Neil Pettigrew M.Sc., Project Geologist was responsible for the implementation of the field programs, data compilation and contributions to the documentation of the work. Karen Kettles, M.Sc. was responsible for completion of the report and maps. The various work components are described in the following sections.

Eric Potter, Ph.D candidate at Carleton University also collected several samples from the property for his thesis on Proterozoic gold veins (Appendix V). Limited thin section work and a report documenting the mineralogy of the veins on the property were completed by Dr. Richard Taylor of Carleton University (Appendix VI).

6.1 Grid Cutting

A total of approximately 47 kilometres of grid line was cut on the Merico-Ethel Property during the winter of fall of 2004 and winter of 2005 by Gibson and Associates Inc. of Airdrie, AB and by JKate Explorations Inc. of Matachewan, ON (Rees, 2005). The grid was cut using an east-west (90°) base line extending nearly the entire length of the property. The majority of line cutting was conducted in the center of the property and consisted of a mix of 100, 200 and 400 metre-spaced lines.

6.2 Geophysics

During the fall of 2004 and spring of 2005 two phases of geophysical surveying, consisting of magnetometer and induced polarization (IP) surveys, were conducted over the grid. A total of 40 km of magnetometer surveying and 29.65 km of IP surveying was completed and filed for assessment (Rees 2005 and Clearview Geophysics Inc., 2005).

6.3 Soil Sampling

A soil sampling program was conducted from Nov. 16th to Nov. 30th, 2004, by Gibson and Associates Inc. of Airdrie, AB. A total of 177 soil samples were taken on or close to the grid lines. Samples from the Merico-Ethel property were obtained using the cut grid described above, all soil survey lines are 200 m to 400 m apart and stations varied from every 25 m to 100 m depending on soil availability. As well, locations for each soil sample were recorded using a GPS unit. The location of the samples in WGS84 coordinates, northern hemisphere, is given in Appendix V.

Soil samples were obtained using Dutch soil augers. Samples were of the B soil horizon, and ranged from light to medium to dark brown in color. Average depth of samples taken was 27 cm, with a range from 15 to 35 cm depth. The samples were stored in small kraft bags, and shipped to Swastika Laboratories, where they were analyzed for gold and a suite of 30 other elements, including Ag, As, Bi, Co, Cu, Fe, Ni, Pb, and Zn. The ICP analyses were performed by Assayers of Canada.

Appendix V lists all samples, their depth, and color. A summary of analytical results is also presented.

6.4 Prospecting

Detailed prospecting was conducted from Sept. 17th to Nov. 1st of 2004 on the newly exposed trenches. Reconnaissance prospecting on the entire property was carried out from April 25th to May 5th and July 22nd to Aug. 5th of 2005 by Neil Pettigrew, Richard Brett, Norman Sicard and Eric Potter. A total of 152 prospecting samples were collected (Appendix I). All samples were analysed for Au, Ag, Cu, Ni, Pb, Zn, Co, As and U. Several samples were also analysed for other trace elements.

6.5 Reconnaissance Mapping

Reconnaissance mapping was carried out by Neil Pettigrew on the property from July 22nd to Aug. 5th of 2005 (Map I). The focus of the mapping was on structural measurements and location of gold workings. Map I also indicates rock types from locations where prospecting samples were taken.

6.6 Trenching

The initial trenching program on Merico-Ethel ran from Sept. 17th to Nov. 1st of 2004. During this time a total of 10 trenches were excavated by Belham Ltd. of Kaministiqua, ON in the vicinity of the

Merico and Ethel shaft and ramp respectively. Two of these trenches did not intersect bedrock and were back-filled (Map I); this included the attempted trench at the Ethel Mine. The remaining trenches are separated into three groups, the Merico Shaft trench (the main trench which encompasses the Merico shaft), trenches NE-1 to NE-5 (trenches located to the northeast of the Merico Shaft trench) and the South trench (a large trench located to the southwest of the main trench) (Maps IV, V, and VI).

All trenches save for the South trench were power washed by JKate Explorations Inc. of Matachewan, ON. Samples were collected on trenches exposing bedrock; those trenches containing quartz-carbonate-chalcopyrite-hematite veins were either channel sampled (39 samples in total) by Sherry Swain of Gowganda, ON and Dave Forsyth of Kenabeek, ON and/or detail grab sampled by Neil Pettigrew and Richard Brett (33 samples total). Detailed mapping of the trenches occurred from July 22nd to Aug. 5th of 2005 by Neil Pettigrew and Eric Potter.

The trenching program was designed to fully expose areas where significant veining has been identified from previous exploration programs, areas of intersecting structural and geophysical trends, and the bedrock source of several untested IP chargeability zones.

7.0 Analytical Methods

All rock samples were sent to Swastika Laboratories Ltd. of Swastika, ON for Au, Ag, As Cu, Co, Ni, Pb, Zn and Te analysis. Each rock sample was prepared as follows:

- Dry sample if required
- Crush total sample to ½ inch by Jaw Crusher
- Crush total sample to 10 mesh by Rolls Crusher
- Split off 350 grams using a Jones Riffle
- The 350 gram sample is pulverized to 90% passing 100 mesh and the remaining reject is placed in a plastic bag and stored for reference
- The 350 gram pulp is homogenized and is then ready for assay

Gold was analyzed by fire assay/atomic absorption using a 30 gram sample of pulverized material with a detection limit of 2 ppb Au. All samples assaying over 1 gram per ton were re-assayed by the fire assay / gravimetric method. Analysis for Ag, As, Cu, Co, Ni, Pb, Zn and U was performed using a 0.5 gram sample of pulverized material, digested in aqua regia in a hot water bath for two hours and then analyzed by atomic absorption. Detection limits were as follows, Ag – 0.1 ppm, As - 5 ppm, Cu - 1 ppm, Co – 1 ppm, Ni – 1 ppm, Pb – 1 ppm, U – 2 ppm, and Zn – 1 ppm. A total of 129 samples were sent to Assayers Canada and subjected to an ICP 30 multi-element package using aqua regia digestion. In this process a 0.5 gm sample is digested with 5 ml of 3 parts HCL to 1 part HNO_3t at 95 °C for 2 hours, and diluted to 25 ml with DI. H_2O. They were then subject to inductively coupled plasma analysis. The following elements were reported as a percentage calculation (%): Al, Ca, Fe, K, Mg, Na and Ti; and Ag, As, Ba, Be, Bi, Cd, Co, Cr, Cu, Mn, Mo, Ni, P, Pb, Sb, Sc, Sn, Sr, V, W, Y, Zn, and Zr were reported in parts per million (ppm).

Soil samples collected were sent to be assayed by Swastika Laboratories Ltd., of Swastika, Ontario for gold analysis. Samples were dried on trays at a low temperature (60°C) if necessary, and then sieved using a -80 mesh screen in order to extract the fine fraction to be analyzed. Analyses consisted of a fire assay for Au. A 30 element ICP package was performed by Assayers Canada, the method is the same as described above. Au was reported in parts per billion (ppb). Of particular interest from the ICP package were the Cu, Ni, Ag, As, and Co results.

8.0 Results

The results of each component of the 2004-2005 exploration programs are described in the following sections.

8.1 Soil Sampling

Soil samples on the Merico-Ethel Property were centered over the grid, extending from Line 2+00 west to L 12+00 east. 177 soil samples were taken on or close to the grid lines, from the B horizon. Descriptions, locations, and selected element analyses of the samples are presented in Appendix V. Assay certificates for all soil samples are appended to this report (Appendix VI). Soil sample locations are shown on Map II.

8.1.1 Analytical Discussion

Mathematical means were used to calculate the threshold, background, and anomalous values for each of the above elements (Table 6, Appendix IV) based on criteria outlined by Levinson (1980). Background values are defined as the mean of the population distribution; threshold values as two standard deviations above the background value; and all values above the threshold as anomalous. Thresholds and anomalous values were used when plotting the point graduated symbol plots (Figures 4 and 5).

Using the above methods of calculations and looking at the usual elements found in association with Cobalt type deposits, the following was noted: 7 samples were anomalous for Au (>5.52 ppb), 2 samples were anomalous for Ag (>0.89 ppm), only 2 samples were over background values for Co (23.5 ppm), 6 samples were anomalous for Cu (>76.43 ppm), 7 samples were anomalous for Fe (3.03%), 7 samples were above threshold for Pb (>22.96 ppm), 9 samples were anomalous for Zn (39.77 ppm) and 6 samples were anomalous for Ni (>28.85 ppm). In the calculations, several elements determined a mean that was less than the value "below detection limit" for the analyses, indicating anything above detection limit was anomalous. These elements were Ag, As, Be, Bi, Cd, Mo, Sb, Sn and W.

8.1.2 Results

In investigating the property for potential Au-Cu-Co rich polymetallic Cobalt type veins which in turn may represent the surface expression of leakages from a "blind" Au-Cu rich deposit at or near the unconformity surface, the focus is on soils horizons showing anomalous gold, copper, silver, and cobalt values, and associated nickel, lead, and zinc above threshold as well. Of the seven elements, very few show a clustering of anomalous values, only Cu and Ni exhibit any type of clustering of anomalous samples, and of the single discrete anomalous samples, two samples contain 3 anomalous elements, while 3 samples are anomalous in two elements. Figure 4 shows anomalous points for Cu, Co and Au, while Figure 5 demonstrates anomalous Ag, Zn, Pb, and Ni. Both are overlain on the chargeability map generated from the IP survey.

The most notable multi-element soil anomaly (Anomaly 1) is sample ME0276, located on gridline 600 E at 1200 S. It is defined by anomalous Au (14 ppb), Co (48 ppm), Cu (108 ppm), and Pb (43 ppm). This discrete single sample anomaly is off the main IP chargeability high, somewhat on the margin, but also occurs on the edge of a hill so may have been transported. It occurs in an area underlain by Nipissing diabase, and is not located near any previous workings.

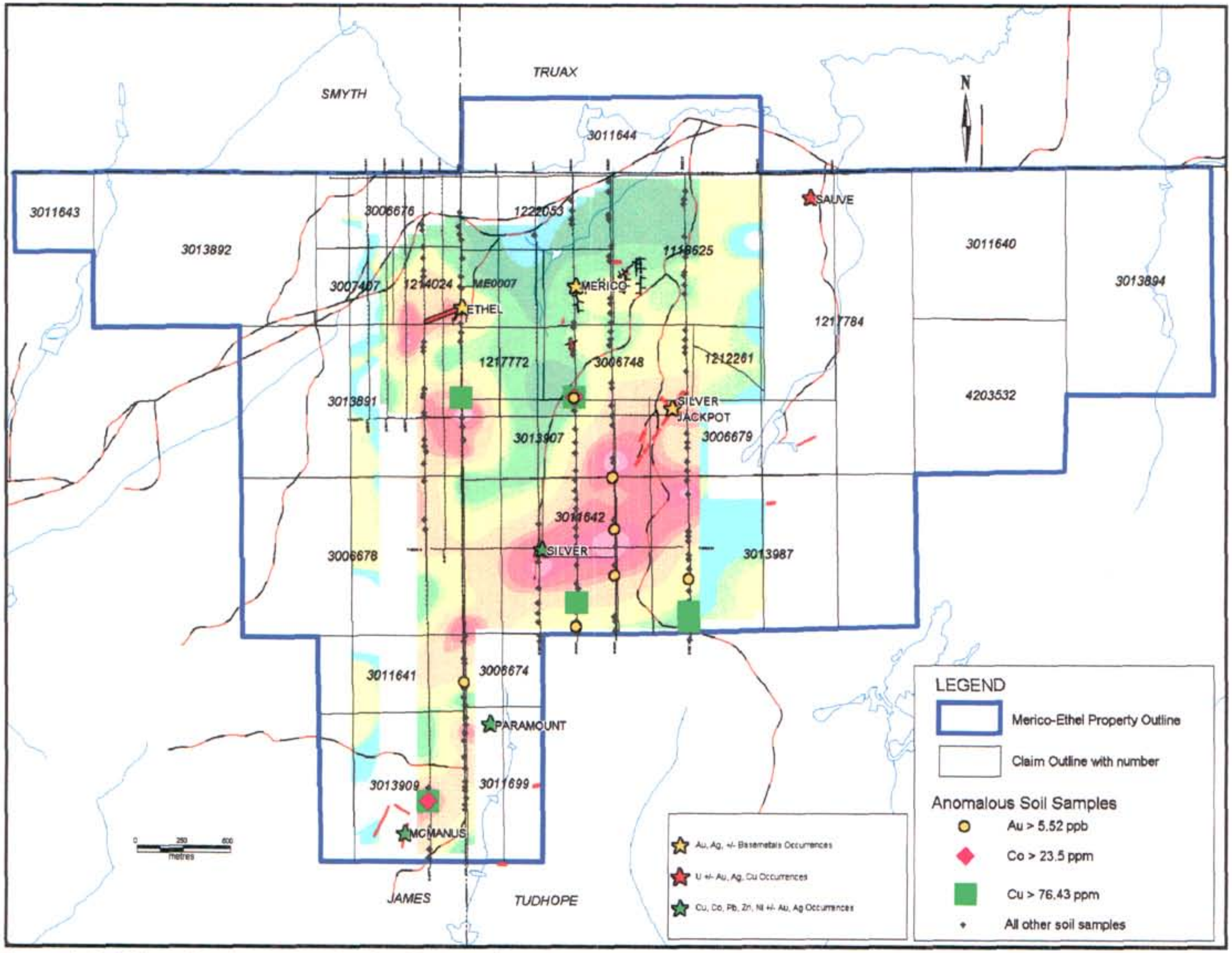

Figure 4: Soil Samples Anomalous in Cu, Co, and Au

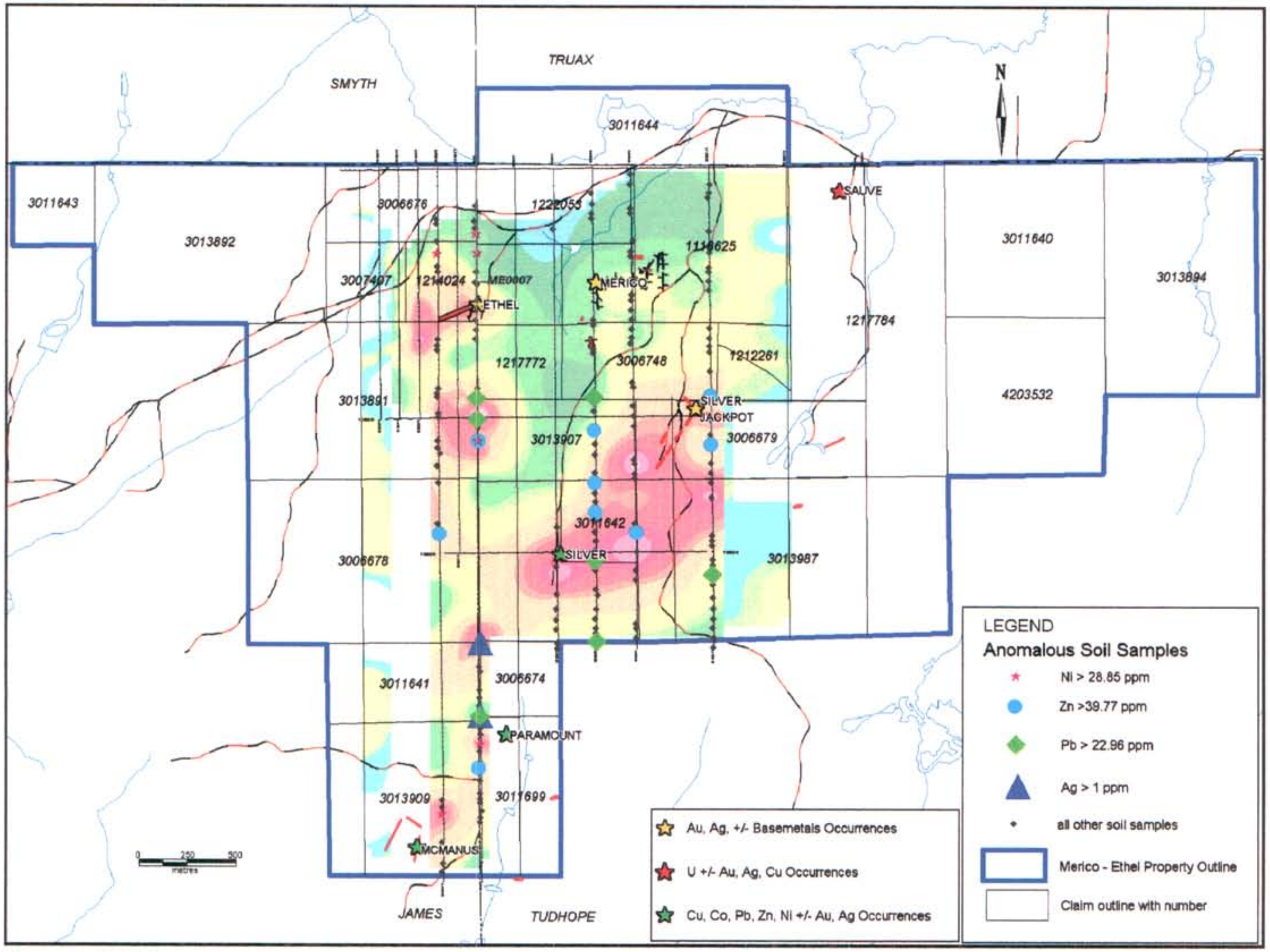

Figure 5: Soil Samples Anomalous in Ag, Pb, Zn, and Ni

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The second single sample anomaly (Anomaly 2) with anomalous multi-elements is sample ME0178 located on L200 W at 3350 S, close to the southern edge of the property. It is anomalous in Co (94 ppm), Cu (308 ppm), and Ni (34 ppm). It occurs in Nipissing diabase, and is located over an IP chargeability anomaly. It occurs 120 m northwest of carbonate-Cu veins mapped in 1964 (Welsh, G).

The following are samples taken which were anomalous in two elements: Sample ME0027 at L0+00 E and 2850 S contains anomalous Ag (5.3 ppm) and Pb (77 ppm), and sub-anomalous Zn (39 ppm). It occurs on the north side of a topographic ridge, and off the margin of an IP chargeability high. Sample ME 0015, L0+00 E and 1200 S returned anomalous Cu (77 ppm) and Pb (37 ppm). Just 100 m to the south of this location sample ME0016 is anomalous in Pb as well (45 ppm). Both are lower priority anomalies; but they are situated on the edge of a hill on top of a chargeability anomaly and coincident magnetic anomaly. Cusil Ventures drilled a hole, CU 4-98, just 160 m almost north of sample ME0015, this hole oriented south at -50° intersected 0.3 m of 0.16% Cu, 0.7 g/t Ag, 0.17 g/t Au at 120 m depth, and 0.14 m of 0.49% Cu, 0.4 g/t Ag at 148 m depth. These two intersections line up with the IP chargeability anomalies #10 and #18 on gridlines 1+00 W and 0+00 E respectively. Sample ME0246, line 8+00 E and 19+00 S contains anomalous Au (6 ppb) and Zn (51 ppm). It is on the northern downslope margin of a coincident chargeability IP and discrete magnetic anomalies.

Several areas returned a cluster of samples that were anomalous in one element. At Line 12+00 E between 23+50 S and 24+00 S are two samples anomalous in Cu, samples ME0307 (77 ppm) and ME0308 (92 ppm). They occur on the southern edge of a resitivity high. On Lines 0+00 E to 2+00 W at 4+00 S are three samples anomalous in Ni, they are sample ME004 (30 ppm), ME005 (34 ppm), and ME0153 (45 ppm). No other elements are anomalous in these samples, they are located off the north margin of a chargeability anomaly, are located just at the northern edge of a slope, and are very close to the Nipissing diabase and Huronian conglomerate contact. The anomalies could be a reflection of smaller Ni rich accumulations at this contact.

Other samples contained single element anomalous values; Table 2 lists all the samples considered important to follow up. If samples have associated exploration criteria such as geophysical anomalies, anomalous lithogeochemical samples, veins, old workings, or drillholes with anomalous samples they are listed as well. Each soil anomaly is noted with a priority number, 1 being the most important, 3 being least important. All anomalies need to be checked on the ground, and a broad area around them should be investigated and prospected, considering all the other features mentioned. Unless mentioned, most of these anomalies occurred over Nipissing Diabase rocks.

8.2 Prospecting

A total of 36 prospecting or grab samples were collected during 2004 and 116 prospecting/grab samples were collected during 2005. Of these, 33 samples were taken from the trenches. The rest were concentrated in the central portion of the property which is where the cut grid is located, as well as the majority of known occurrences (Map I). Many of the samples were of vein material, carbonate +/- quartz, containing chalcopyrite, pyrite, hematite, and chalcocite, in Nipissing Diabase. A few were taken of Gowganda and Lorrain Group sediments with similar veins. No statistics could be performed on the grab samples to determine anomalous values as there was a preconceived bias in sampling rocks with veins and/or mineralization. But, for the purposes of this study, samples containing Ag >5 g/t, Au >0.3 g/t, Cu >1.0%, Co >2000 ppm, Ni >1000 ppm, Pb >2000 ppm, As >3000 ppm, Zn >1500 ppm, and U >40 ppm were considered anomalous.

Table 2: Summary of Anomalous Soil Sample Features

Sample	Anomalous Elements	Priority	IP Anomaly	Magnetic Anomaly	Anomalous Rock Samples	Nearby Workings/Veins
ME0276	Au (14 ppb), Co (40 ppm), Cu (108 ppm), Pb (43 ppm)	1	yes	low	Au-Cu: 60 m to W	80 m S of old trench
ME0178	Co (94 ppm), Cu (308 ppm), Ni (34 ppm)	1	yes	low	Cu-Co-Ni; 200 m SW, downhill	200 m NE of McManus Shaft/Welsh vein
ME0015	Cu (77 ppm), Pb (37 ppm)	2	yes	60 m away	none	Ddh CU 4-98 to NNW, anom Cu, Ag, Au.
ME0016	Pb (45 ppm)	3	yes	yes	none	Ddh CU 4-98 to NNW, anom Cu, Ag, Au.
ME0018	Ni (33 ppm), Zn (62 ppm)	3	yes	yes	none	61-E-1 & 62-E-1 to east, NSV
ME0027	Ag (5.3 ppm), Pb (77 ppm) +/- Zn (39 ppm)	2	150 m away	N of Mag high	Cu-Co-Ag-Ni-Pb-Zn;100 m to SE	Paramount Shaft; 100 m SE
ME0034	Ag (1 ppm)	3	yes	none	Ni-Co-Cu-Ag:300 m to NE	Old shaft to NE
ME0030	Au (10 ppm)	2	yes	margin	Cu-Co-Ag-Ni	old pit, 80 m to SW
ME0244	Au (15.5 ppm)	2	yes	100 m away	Au-Cu; 120 m to ENE	ddh 62-1 200 m to ENE; no assays
ME0249	Au (9 ppm)	2	150 m away	130 m away	Cu-Co-Au; 200 m to NW	none known
ME0311	Au (12 ppm)	2	120 m away	yes	none	none known
ME0254	Au (9 ppm), +/- Cu (60 ppm)	2	none	yes	Cu-Au; 10 m to S	2 old shafts to S and W
ME0253	Pb (38 ppm)	2	none	yes	Cu-Au;	2 old shafts to N and NW
ME0246	Au (6 ppm), Zn (51 ppm)	2	100 m away	120 m away	Au-Ag-Cu-Co; to W	E of old trench
ME0307, ME308	Cu (77 to 92 ppm)	2	none	margin	Au-Ag;100 m to SE	small trenches, pits to S
ME0257	Cu (152 ppm)	3	none	100 m away	Cu-Co-Ag-Ni; 130 m to SW	old shaft to SW
ME0004 ,ME005, ME153	Ni (30 to 45 ppm)	3	200 m away	margin	Cu; 160 m to S	300 m N of Ethel Vein
ME0024	Ni (30 ppm)	2	yes	center	Pb-Co-Ni-Cu; 40 m to SW	Paramount shaft 40 m to NE; ddh BP1-99 - 150 m S: Cu-Ag-Co
ME0022	Zn (41 ppm)	2	yes	none	Ag-Cu-Ni-Co; 90 m to S	old trench to S
ME0261	Pb (25 ppm)	2	between 2 IP highs	yes	Au-Cu-Co-Ni; 40 m to E	West of Silver Shaft
ME0312	Pb (23 ppm)	3	yes	yes	Cu, 200 m to W-NW	none known
ME0173	Zn (50 ppm)	3	none	yes	none close by	none known
ME0266	Zn (42 ppm)	3	170 m away	center	Ag-Cu-Pb-Zn; 200 m down slope	ddh Cook 1&2 260 m W, NSA
ME0269	Zn (51 ppm)	3	260 m away	margin	Au-Ag-Cu-Co; 300 along slope	ddh Cook 1&2 260 m W, NSA
ME0273	Zn (52 ppm)	2	margin	center	Cu-Ag-Co-Ni; 80 m to W	old trench, 100 m N
ME0323	Zn (53 ppm)	2	80 m away	yes	Cu-Au-Ag-Co; to NW	Upslope from Silver Jackpot veins and shaft
ME0327	Zn (41 ppm)	2	170 m away	yes	Cu-Au-Ag-Co; to SW	Silver Jackpot shaft to SW, and ddhs: Ag-Cu

Using the above values, 59 samples were anomalous in Au, 90 samples were anomalous in Cu, 29 samples returned anomalous Ag, 39 samples contained anomalous Co, 14 samples were anomalous in Ni, 10 samples contained anomalous Pb, 5 samples returned anomalous Zn results, 30 samples were anomalous in As, and 5 samples returned anomalous U. Figure 6 is a point symbol plot of anomalous prospecting samples, overlain on an IP chargeability image, and demonstrates some of the associations outlined by sampling, namely Cu-Au, Cu-Co-Ag, Au-Ag, and Cu-Au-Ag. IP and Magnetic anomalies are also represented on this figure; areas of more than two coincident anomalies will be investigated in the field. Four main trends stand out from this figure; one of these is a strong east-northeast trending Cu-Au-Ag rich anomaly with associated IP chargeability highs extending from around the Ethel Mine area over to the Merico Shaft area in the northern part of the property. A second trend is in the south starting at L200 E, 2200 S and extending east-northeast to L1200 E, 1700 S, and is represented by anomalous Cu-Au-Ag-Co and associated magnetic and IP chargeability highs. The third trend starts at L900E, 1600 S and runs northeast to L1100 E, 1300 S. It is outlined by anomalous Cu-Au-Ag-Co in prospecting samples, and an underlying broad chargeability IP anomaly. The fourth trend is noted at L0E, 2400 S, is represented by anomalous Cu-Co-Ni with associated IP chargeability highs, and extends southwards to 3200 S.

All prospecting samples are listed in Appendix I (Table 5), and analytical results in Appendix III. Table 6 in Appendix I lists the prospecting samples anomalous in either or Au, Ag, Cu, Co, Ni, Pb, Zn, As, and U. Samples are located on Map I and samples taken in trenches are located on Maps IV, V, and VI.

8.3 Reconnaissance Mapping

Reconnaissance mapping was carried out by Neil Pettigrew on the entire property for a period of 15 days in the summer of 2005 (Map I). The focus of the mapping was on structural measurements and locating old workings. As well, whenever prospecting/grab samples were taken the rock type was noted. Map I indicates outcrops and structures determined from this process.

The majority of the outcrop on the property is represented by the main Nipissing Diabase sill. Lorrain Formation arkoses and arenites were encountered on the southeastern claim (#3011699) of the property, on the eastern contact with the diabase. Lorrain Formation arenites were also found on claim # 3013891, in James Township, occurring as a lens or inlier within the Nipissing Diabase. Gowganda Formation conglomerates and dropstones were mapped on the eastern, northeastern, and northern contact with the Nipissing Diabase. Archean granodiorite and diorite were mapped on the northwestern contact of the diabase, on claim # 3013892. Very few contacts of rock units were observed, the only ones were where the Nipissing Diabase was in contact with Lorrain Formation sediments or Gowganda Formation conglomerate, and in both cases the diabase showed a fine chilled margin and the contact was undulatory. Map I and Figure 3 show the major lithological units encountered.

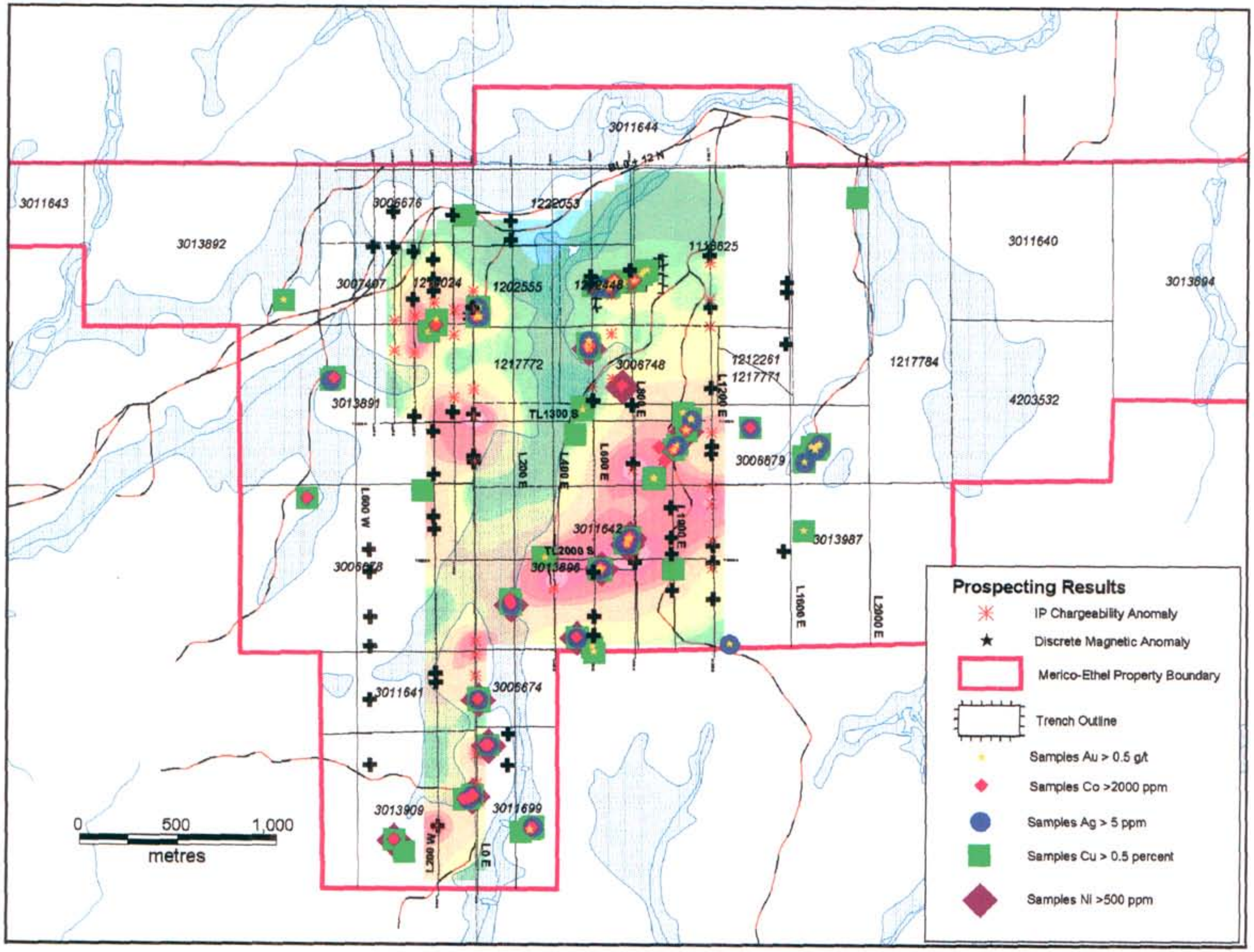

Figure 6: Prospecting Sample Results, IP Chargeability, and Magnetic Anomalies.

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8.4 Trenching

During the fall 2004 trenching program, four sites comprising 10 separate trenches were stripped to expose the underlying geology and mineralization. The sites were chosen based on historical data, known veins on the property, and topography. A brief description of the targets, exposed geology and mineralization, and the results from each site is provided below. Maps IV to VI outline the geology, mineralization, structure of each trench, and sample locations are noted on each map. A total of 39 channel samples and 33 prospecting samples were taken from the trenches (Appendices I and III) and the assay certificates for all samples are in Appendices II and IV. Tables 3 and 4 list samples from the trenches that were anomalous in Au-Ag-Cu, and some that were anomalous in Ni, Pb, Zn, Co, and U. Results from each of the trenching sites are discussed below.

Table 3: Channel Sampling Highlights

Sample	Rock Type	Width (m)	Trench	Ave Au g/t	Ag ppm	Cu %	Co %	Ni %	Pb %	Zn %	U ppm
59855	Qtz-Cal-Cpy-Hem Vein	0.50	Merico shaft	5.99	8.6	6.33	0.27	0.03	0.01	0.01	29
59860	Qtz-Cal-Cpy-Hem Vein	0.70	Merico shaft	0.77	3.7	6.62	0.21	0.03	0.01	0.00	30
59863	Qtz-Cal-Cpy-Hem Vein	0.40	Merico shaft	2.31	3.1	6.00	0.28	0.02	0.01	0.00	29
59865	Qtz-Cal-Cpy-Hem Vein	0.20	Merico shaft	1.10	0.6	7.53	0.07	0.01	0.01	0.01	24
59866	Qtz-Cal-Cpy-Hem Vein	0.20	Merico shaft	2.18	0.4	0.90	0.00	0.01	0.00	0.01	16
59868	Qtz-Cal-Cpy-Hem Vein	0.25	Merico shaft	0.28	0.5	1.79	0.04	0.01	0.01	0.01	13
59871	Nipissing Diabase	0.40	Merico shaft	0.49	1.1	0.54	0.02	0.01	0.01	0.01	14
59872	Qtz-Cal-Cpy-Hem Vein	0.15	Merico shaft	0.47	2.4	2.40	0.10	0.01	0.01	0.00	15
59874	Nipissing Diabase	0.50	Merico shaft	0.03	<0.2	0.57	0.00	0.01	0.00	0.01	18
59876	Qtz-Cal-Cpy-Hem Vein	0.15	Merico shaft	1.51	6.6	5.47	0.06	0.01	0.09	0.01	22
59889	Qtz-Cal-Cpy-Hem Vein	0.17	Merico shaft	0.47	0.7	5.45	0.05	0.00	0.01	0.01	26
59879	Qtz-Cal-Cpy-Hem Vein	0.50	NE-1 Trench	0.45	0.7	0.58	0.00	0.00	0.00	0.00	28
59882	Qtz-Cal-Cpy-Hem Vein	0.30	NE-1 Trench	0.19	0.3	1.55	0.01	0.01	0.00	0.01	33
59884	Qtz-Cal-Cpy-Hem Vein	0.60	NE-3 Trench	0.18	0.8	0.88	0.00	0.01	0.00	0.00	14
59886	Qtz-Cal-Cpy-Hem Vein	0.25	NE-3 Trench	0.11	1.9	0.57	0.00	0.01	0.00	0.01	20

Merico Shaft Trench (Map IV)

Target

The main Merico Shaft trench was targeted due to the presence of a large quartz-carbonate-hematite vein with historic Ag and Cu values. The trenching exposed the main Merico Vein system for over 200 metres.

Geology

The Merico Vein system consists of anastomosing quartz-carbonate-hematite material which hosts polymetallic mineralization, cutting through medium-grained diabase. Copper occurs in the form of chalcopyrite and bornite and is the dominant metal, with lesser amounts of gold, silver, nickel, cobalt, and lead mineralization. The main Merico vein varies from 0.1 to 1.0 metres wide, and displays a fairly consistent overall east-west strike (~260°) with a steep, northern dip (~75°) and is hosted within a substantial (up to 2.5 metres wide) brittle shear zone. The western portion of the vein is characterized by sheared textures with stringer mineralization, while more massive, non-sheared textures and quartz-lined vugs are present in the eastern portion of the vein system. A report by Dr. R. Taylor (2004), included in appendix VIII, outlines the mineralogy and parageneses of the mineralization in the Merico vein.

Results

The Merico Shaft Trench contains the main Merico Vein. A total of 28 channel samples were collected from this trench, in addition to 16 prospecting or grab samples. Four of the best channel samples returned were samples 59855, 59860, 59863, and 59865. Gold in these values ranged from 0.77 g/t to 5.99 g/t, copper from 6.33% to 7.53%, silver from 0.6 g/t to 8.6 g/t, and cobalt from 0.21% to 0.28%. Nickel, lead, zinc, and arsenic were all elevated as well. Widths of the samples varied from 0.20 to 0.70 metres. Fifteen of the sixteen grab samples from this vein returned anomalous results; these were samples 59910 to 59911, 59913 to 59921, 59926, and 16353 to 16355. Gold values ranged from nil to 12.34 g/t, copper from 0.23 to 26.80%, silver from 0.3 g/t to 11.8 g/t, and cobalt from 0.01 to 1.01%.

Table 4: Prospecting Sample Highlights from Trenches

Sample #.	Trench	Au g/t Ave	Ag ppm	Cu %	Co%	Ni %	Pb %	Zn %	U ppm
59901	South Trench	3.73	46.5	2.73	0.79	0.37	0.08	0.00	15
59902	South Trench	3.29	31	12.90	0.53	0.09	0.02	0.00	9
59905	South Trench	1.17	20	8.72	0.48	0.08	0.02	0.00	38
59906	South Trench	0.47	8.6	8.60	0.17	0.02	0.02	0.00	17
59907	South Trench	4.16	109.6	8.08	0.70	0.07	10.49	0.02	22
59908	South Trench	0.01	4.3	2.42	0.06	0.01	0.16	0.00	48
59909	South Trench	2.35	7	0.97	0.09	0.02	0.06	0.00	20
16356	South Trench	3.39	15.35	4.39	0.19	0.09	0.00	0.00	0.94
16357	South Trench	0.59	7.61	3.55	0.52	0.06	0.01	0.00	1.54
59910	Merico Shaft Trench	0.21	0.7	0.95	0.02	0.01	0.02	0.01	14
59911	Merico Shaft Trench	0.15	0.3	0.71	0.02	0.01	0.01	0.00	21
59913	Merico Shaft Trench	5.53	5.2	6.82	0.15	0.02	0.02	0.00	30
59914	Merico Shaft Trench	1.63	2.9	2.12	0.01	0.00	0.01	0.01	24
59915	Merico Shaft Trench	12.34	4.8	5.76	0.44	0.01	0.01	0.00	39
59916	Merico Shaft Trench	0.62	10.4	23.68	0.79	0.04	0.06	0.02	39
59917	Merico Shaft Trench	2.47	1.6	1.53	1.01	0.03	0.01	0.00	44
59920	Merico Shaft Trench	2.28	3.7	1.36	0.08	0.01	0.01	0.00	42
59921	Merico Shaft Trench	9.88	11.8	5.56	0.23	0.01	0.01	0.01	28
59926	Merico Shaft Trench	1.08	1.1	4.99	0.04	0.01	0.01	0.00	21
16353	Merico Shaft Trench	1.33	2.39	4.15	0.39	0.01	0.00	0.00	0.25
16354	Merico Shaft Trench	5.95	5.28	8.38	0.21	0.01	0.00	0.00	0.76
16355	Merico Shaft Trench	2.99	9.17	7.11	0.19	0.02	0.00	0.01	0.84
59922	NE-1 Trench	0.95	0.9	0.74	0.00	0.00	0.00	0.00	29
59923	NE-1 Trench	1.69	1.2	3.72	0.00	0.00	0.01	0.00	28
16351	NE-1 Trench	0.59	0.63	1.04	0.00	0.01	0.00	0.00	0.77
59924	NE-2 Trench	5.90	2.1	3.31	0.00	0.00	0.01	0.00	17
59925	NE-3 Trench	0.86	1.1	6.82	0.00	0.00	0.01	0.00	33

Trench NE-1 (Map V)

Target

This trench, centered on L8+50E and 5+75S, was designed to uncover a parallel vein to the northeast of the Merico vein.

Geology

The trench exposed medium-grained diabase cut by a thick, up to 0.7 m in width, east-west trending specular hematite-rich, calcite-quartz-chalcopyrite vein. The vein pinches into a narrower, maximum 0.17 m wide, north-south trending vein at its eastern edge. The diabase around the veins is often fractured, and alteration assemblages in the diabase around the veins include calcite-chlorite-sericite.

Results

Two channel samples from trench NE-1 were anomalous in polymetallic mineralization. Sample 59879 returned values of 0.45 g/t Au, 0.7 g/t Ag, and 0.58% Cu over 0.50 metres. Sample 59882 returned values of 0.19 g/t Au, 0.3 g/t Ag, 1.55% Cu, and 0.01% Co over 0.30 metres. Grab samples from this trench that were anomalous included samples 59922, 59923, and 16351. Gold values ranged from 0.59 to 1.69 g/t , copper from 0.74% to 3.72%, silver from 0.63 to 1.2 g/t and cobalt values were below detection limits.

Trench NE-2 (Map V)

Target

This trench, located 8 m northeast of trench NE-1, was designed to uncover a parallel vein to the northeast of the Merico vein, and the continuation of the vein in NE-1

Geology

This trench is composed of diabase as well. The diabase is host to an east-northeast trending hematite-rich, calcite-quartz-chalcopyrite vein, which varies from 0.08 to 0.15 m wide. The rocks immediately surrounding the veins are chlorite ± calcite± sericite altered and fractured. Sulphides, specifically chalcopyrite and pyrite, are associated with the carbonate in the vein.

Results

No channel samples were taken from trench NE-2, but two prospecting samples were obtained from the vein, samples 59924 and 16352. Sample 59924 returned a value of 5.9 g/t Au, 2.1 g/t Ag, and 3.31% Cu; sample 16352 returned a value of 0.02 g/t Au, 1.81 g/t Ag, and copper below detection limit.

Trench NE-3 (Map V)

Target

Trench NE-3 is located 6 m east-northeast of trench NE-2, and was designed to uncover the continuation of the vein in trenches NE-1 and 2, a vein system trending parallel vein to the Merico vein.

Geology

Trench NE-3 exposed the diabase sill again, and the continuation of the east-west trending calcite-quartz-hematite-chalcopyrite vein from trench NE-2. The vein varies in width from 0.15 to 0.3 m and is accompanied by a narrow zone of intense fracturing and calcite-chlorite alteration in the diabase. Furthermore, two smaller (<1 cm) calcite-quartz-chlorite veins at the northeast end of the trench and one NNE trending, massive specular hematite vein at the very northeast end of the trench were noted.

Results
Five channel samples were taken from this trench, two of these from the east-west vein returned anomalous values. Sample 59984 returned 0.18 g/t Au, 0.8 g/t Ag, and 0.88% Cu over 0.6 m, while sample 59986 returned 0.11 g/t A, 1.9 g/t Ag, and 0.57 % Cu over 0.25 m. Prospecting sample 59925, also from the main vein, returned values of 0.86 g/t Au, 1.1 g/t Ag, and 6.82% Cu.

South Trench (Map VI)

Target
The south trench was targeted on an area where a historic grab sample returned a value of 22 g/t Au (Pinkerton pers. comm.). It is situated 300 metres south of the Merico Shaft Trench. Trenching uncovered a bifurcating system of joint controlled narrow veins of calcite-quartz, calcite-chalcopyrite-quartz, and specular hematite-chalcopyrite-calcite-quartz.

Geology
The South Trench uncovered massive, medium-grained diabase, containing numerous narrow veins (1 to 8cm) of varying amounts of calcite-specular hematite-chalcopyrite-quartz-cobaltite. There are two dominant orientations of steeply dipping veins, which appear to be joint-controlled and trend roughly 30° and 290°. The veins vary in composition from equal parts of granular specular hematite and chalcopyrite with very little quartz or calcite to strictly calcite-chlorite to the more typical quartz-calcite-hematite-chalcopyrite (± cobaltite) veins. Weathering of vein material has produced abundant secondary malachite and erythrite (cobalt bloom). Minor fracturing and alteration extends into the diabase around the selvages of the veins.

Results
No channel samples were taken from this trench, however ten out of the eleven prospecting samples from the veins in the south trench returned anomalous values of polymetallic mineralization. These samples are 59901 to 59902, 59904 to 59909, and 16356 to 16357. Values ranged from 0.01 to 4.16 g/t gold, from 0.6 to 109.6 g/t silver, 0.38 to 12.9 % Cu, and 0.01 to 0.79% Co.

Ethel Mine Trench (Map I)

Target
This trench targeted the interpreted surface projection of the Ethel Mine vein

Results
No bedrock was intersected due to heavy overburden and the trench was subsequently back filled.

9.0 Discussion

9.1 Geology
The lithologies of the Merico-Ethel property are simple, consisting of a relatively thin, Proterozoic aged Nipissing Diabase sill overlying thin, Gowanda and Lorrain Formation clastic sediments, which in turn overlie granitic Archean basement rocks.

The Nipissing Diabase rocks are typically unaltered, medium grained and strongly magnetic but can locally vary from fine grained, chilled phases, to coarser grained granophyric and aplitic phases. The Nipissing Diabase forms a large sill over most of the property except in the northeastern part of the property at the Sauvé occurrence (Fig. 3) where it is present as a dyke. Previous workers have speculated that this dyke cuts the sill and focuses the structures which host both the Merico and Ethel occurrences (Pinkerton, 1996). No evidence was found during the current field program to support this theory. Zones of aplitic alteration are often associated with quartz-carbonate veining within the diabase, yet are narrow, rare and have limited strikes. The diabase is massive, but is locally highly jointed, fractured, and brittely sheared near the mineralized occurrences.

Cobalt Group sediments consist of Gowganda Formation conglomerate, silty sandstones, and dropstones, which is described as a matrix supported mudstone or arenite containing rounded granitic clasts. Overlying these are Lorrain Formation arenites to arkoses. Map 1 and Figure 3 illustrate the distribution of these rocks on the property. Only contacts with the Nipissing Diabase have been observed; these are generally undulatory and the diabase demonstrates fine chilled margins, indicating that the sill was intruded into the Cobalt Group sediments.

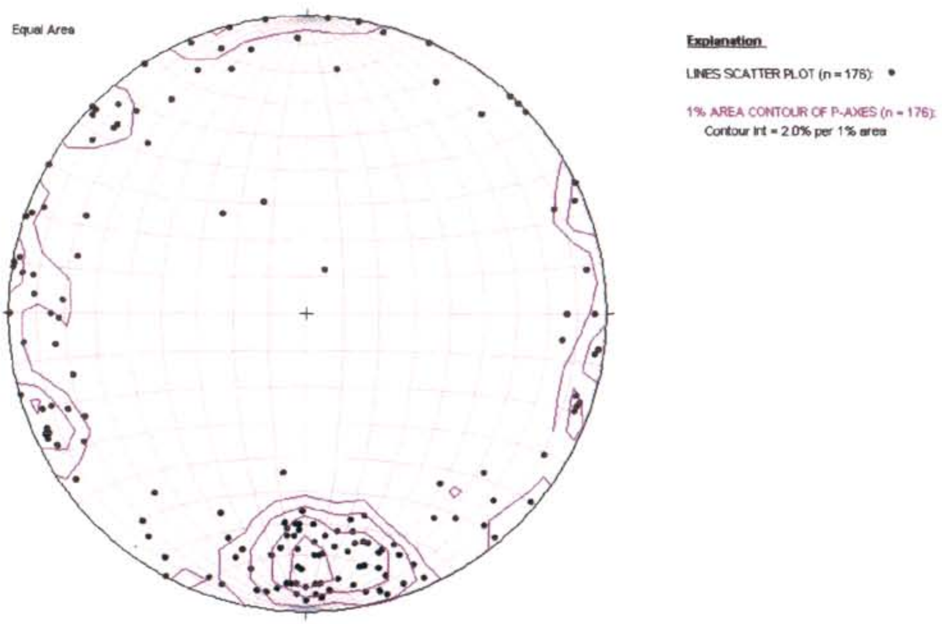
The Archean Round Lake Batholith is represented by granodiorites and tonalites; in one instance a diabase dyke was noted cutting the granodiorite.

9.2 Structure

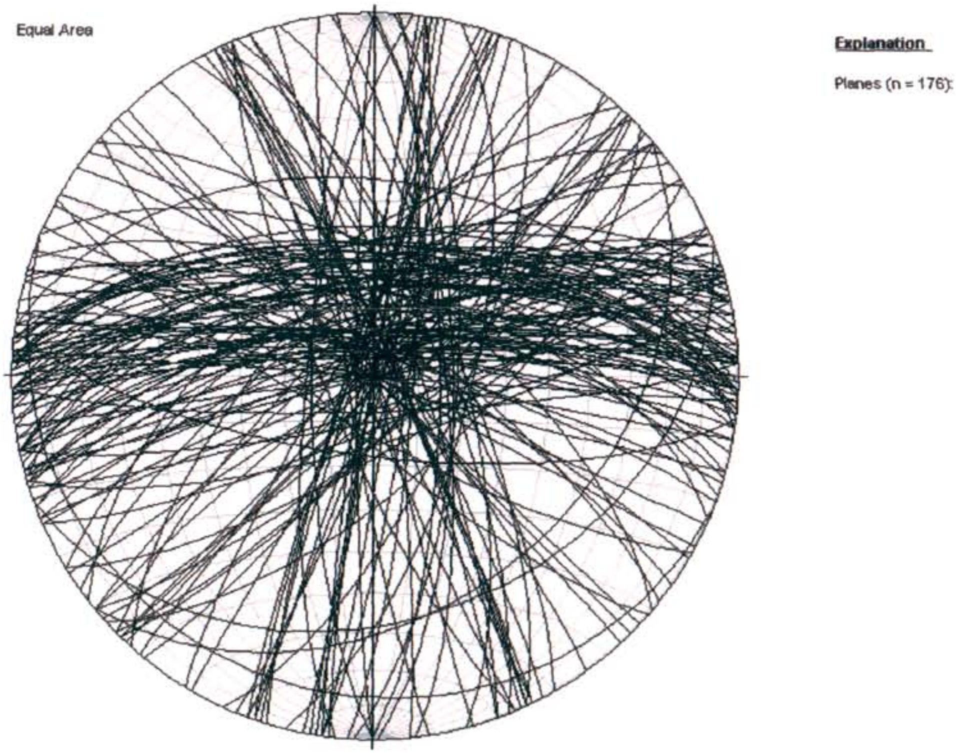
Major structures noted on the property consist of localized zones of strong jointing and fracturing with minor shearing. These localized zones, although present in the underlying sediments, are most prevalent in the diabase. The joints and fractures are steep to vertically dipping and display varying strike directions as shown in Figure 7 (Stereonet plots of poles to joint planes and great circles). The veins appear to occupy these fracture and joint zones.

There are three large scale preferred orientations for the Cu-Au-Ag-Co carbonate +/- quartz veins. These include east-west steeply north dipping trends, northeast-southwest vertically dipping orientations, and northwest-southeast vertically dipping structures. The east-west, steeply northerly dipping (~270°/~75° N) orientation is characterized by the Merico vein (260°/75° N), the Ethel Mine veins, and the dyke which hosts the Sauvé occurrence (250°/~87° N) (Maps I and III). These three occurrences lie on a very large east-west arcuate structure visible on the regional government airborne magnetic survey (OGS Round Lake GDS 1048 under Discover Abitibi Initiative, May 2004). This structural orientation also controls the veins in the southern part of the property, including the veins located in trenches to the south of the Paramount Shaft and in the Beaver Pond occurrence (Map I and III). The northeast-southwest striking (22° to 54°) and vertically dipping (varies from 75° S to 80° N) orientation is the dominant structure for veins at the Silver Jackpot and Silver Fox occurrences and for the veins located on the east side of the large beaver pond (Line 1600E). The southeast-northwest striking (112° to 152°), sub vertically dipping (80° S to 78° N) vein orientation is exemplified by the veins at the Paramount occurrence. This orientation is a secondary controlling structure at the Silver Jackpot occurrence and in veins located on the east side of the large beaver pond (line 1600E) (Map I and III). Figure 8 demonstrates the various vein orientations noted in the trenches. A weaker north-south striking (340° to 20°), subvertical (80° S to 80° N) orientation affects all the Cu-Au-Ag-Co veins, this may be caused by local warping of both the northeast-southwest and southeast-northwest structures and is not considered a fourth major orientation.

The Cu-Au-Ag-Co rich carbonate and/or quartz veins generally follow only one major joint/fracture orientation at each occurrence, but within the occurrence they will occupy secondary orientations and any other adjacent joints, fractures or zone of weakness on a local scale. The veins/fractures are also warped by concentric jointing. The northeast-southwest and southeast-northwest structures appear to be a conjugated set and are found in all the Cu-Au-Ag-Co vein occurrences, but are best illustrated in the southern trench (Map VI).

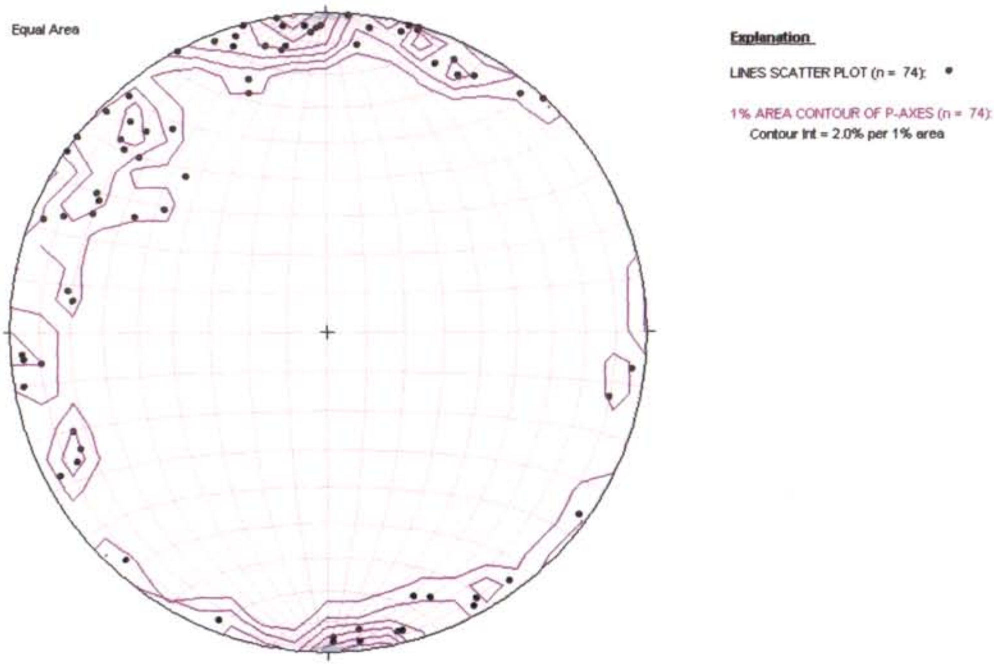


A)

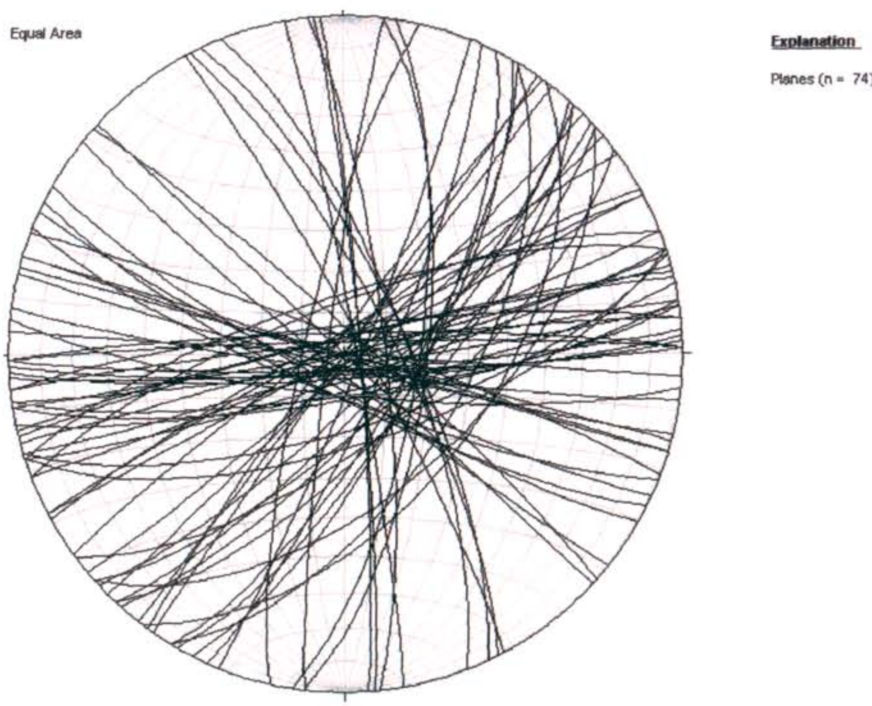


B)

Figure 7: Equal area stereonet plot of all joints and fractures from trench and reconnaissance mapping on the Merico-Ethel Property A) Poles to Planes B) Great Circles



A)



B)

Figure 8: Equal area stereonet plot of veins in the Merico Shaft and Southwestern trenches A) Poles to Planes B) Great Circles

The airborne magnetic survey also highlights a circular structure in the centre of the Merico-Ethel property and the diabase sill, possibly representing a ring dyke, similar to those observed in the Nipigon basin. If this is a ring dyke that fed the overlying sill, then the Merico-Ethel property represents an area of high heat and therefore most likely high fluid flow, which is very favorable for the formation of Cu-Au-Ag-Co bearing veins.

9.3 Mineralization

Gold mineralization is associated with the distinctive veins of the Merico-Ethel property. The veins are composed primarily in order of relative abundance; calcite, quartz, hematite, chalcopyrite, chlorite, and pyrite. More minor minerals include dolomite, galena, garnet, linnaeite group minerals and various cobalt sulphur arsenides. Figure 9 is an image of the main quartz-carbonate vein near the western margin of the Merico Shaft trench.

Figure 9: Cu-Au-Ag-Co Quartz-Carbonate vein, 10 m east of the Merico Shaft; assayed 5.99 g/t Au, 8.6 g/t Ag, 6.33% Cu, 0.27% Co over 5 m.

Many veins are vuggy, with vugs lined with small euhedral crystals of quartz. Bladed calcite was observed in one location (554,527E; 5,286,856N), which in epithermal systems is a strong indicator of boiling fluids.

The gold mineralization is very erratic within the veins ranging from below detection limit to 12 g/t. There is very little correlation between gold and any other element however, there does seem to be some correlation of higher gold values in veins containing more quartz and chalcopyrite. Regionally, the prospecting samples indicate there is some correlation of gold and copper, and copper with cobalt and silver.

Significant gold mineralization (>1 g/t) was intersected by channeling and or prospecting at the Merico shaft area, the Ethel Mine, the Sauvé showing, the Silver Jackpot shaft area, the Silver Fox shaft area, the Beaver pond shaft area, the Paramount shaft area, the veins located to on the west side of the large beaver pond (line 1600E), as well as in several shafts and pits located between the Silver Jackpot and Silver Fox shafts (Map III).

10.0 Conclusions

Extensive trenching has revealed that the Cu-Au-Ag-Co veining in the Merico-Ethel property is controlled by three major steeply dipping orientations. However, these major orientations vary greatly due to warping effects of abundant concentric jointing; and the veins locally jog along any available zone of weakness which follows one of these three major orientations.

The most significant Cu-Au-Ag-Co vein bearing trend appears to be the northeast, followed by the east-west and then the northwest orientations.

The mineralization within the veins is very erratic due to not only the physical pinch and swell nature of the veins but also the coarse nature of the vein minerals resulting in whole sections of the veins composed of only one component (i.e. some zones of massive chalcopyrite and some zones of barren calcite in the same vein).

The veining within the diabase rarely reaches economic widths, or possesses enough continuity. However, the amount of anomalous to ore grade Au-Ag-Cu-Co veins on the property suggests that a deeper source of larger concentrations of mineralization exists at the unconformable contact between the Huronian sediments and the Archean rocks, which is in turn capped by the Nipissing Diabase sill.

11.0 Recommendations

The most prospective areas for gold mineralization based on prospecting are the Merico shaft-Ethel Mine trend, the trenches to the west side of the large beaver pond on line 1600W, the Silver Jackpot and corresponding trenches to the South. The Beaver pond trenches and shaft in the south of the property should be investigated further as well.

All anomalous lithogeochemical samples that were taken outside of known workings should be re-examined on the ground, to see if the mineralization is consistent and has any strike extension. All priority 1 and 2 soil anomalies should be followed up with prospecting, ground stripping and sampling, as should the discrete magnetic anomalies and the IP chargeability anomalies.

The diabase-sediment contact should be drill tested, specifically the down dip projection of the structural zones which hosted the Cu-Au-Ag-Co veins observed in the trenches. Although the Ethel Mine reported diminishing widths and grade of the veins once they entered the sediments below the diabase, this may not be true elsewhere.

The sediment-Archean contact should also be drilled, specifically the down dip projection of the structural zones which hosted the Cu-Au-Ag-Co veins observed in the trenches. This contact has never been tested by previous exploration programs. The large northeast trending chargeability IP anomaly defined previously (Rees, 2005 and Clearview Geophysics Inc., 2005) is an excellent target for drilling. A fence of drillholes along either L8+00 E or L12+00 E (more IP anomalies) from 13+00 S to 22+00 S would test the IP chargeability anomaly, as well as coincident discrete magnetic anomalies, many of the anomalous prospecting samples, and some of the anomalous Au soil locations. If the holes are drilled deep enough both the diabase-sediment and the sediment-Archean contacts will be tested. Other work suggested to accompany this drilling would be recording the physical properties of the rocks down hole, and testing the drillholes with downhole IP surveys. The drilling should be oriented to best intersect at least one of the three main orientations, preferably the orientation which appears to be prevalent at that particular location.

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Statement of Qualifications

I, Karen R. Kettles of 18 Vintage Way, Sudbury, Ontario P3E 6L3 do hereby certify that:

1) I am a practising member of the Association of Professional Geoscientists of Ontario (2003).

2) I am a graduate of the University of Alberta and hold an Honours Bachelor of Science (Geology) Degree, 1982.

3) I am a graduate of the University of New Brunswick with a degree of M.Sc. in Geology, 1987.

4) I am a Canadian Citizen.

5) I have been employed as an exploration geologist, project manager and GIS manager by several mining companies and government organizations since 1985 and have worked primarily in Ontario and New Brunswick since that time.

Dated this 15th day of June, 2006.

Karen Kettles

Karen R. Kettles, MSc, P.Geo.

APPENDIX I

Prospecting Samples Index

Sample No.	East Nad27 z17	North Nad27 z17	Description
59901	554921	5288158	Cobalt bloom-rich portion of a cpy-cal-qtz-cobalt vein, ~7cm wide in weakly magnetic Nipissing diabase, vein at 32°/86°E, the sample contains lesser amounts of cpy and is more calcite than qtz-rich, cpy ~10%, from the 22 g/t trench.
59902	554920	5288157	Chip sample across same vein as 59901 but the vein at this location is very cpy-rich, sample is moderately weathered, and is ~60% cpy, from the 22 g/t trench.
59903	554919	5288161	4cm wide vein, more of a bleached zone than a vein, although the bleached zone does locally grade into a true vuggy qtz vein. Along the side of the bleached zone are 2-3mm qtz veinlets with trace to 1% blebby cpy. Vein is at 116°/89°S, from the 22 g/t trench.
59904	554921	5288162	1-2cm wide qtz-hematite (specular)-cpy-calcite vein, vein has abundant cpy, ~5%, but is composed mostly of specular hematite rosettes. Sample is ~50% vein and ~50% wall rock. Vein is at 121°/87°W, from the 22 g/t trench.
59905	554922	5288167	8cm wide cpy-rich (~35%) qtz-cal vein in Nipissing diabase, some brittle shearing in vein and wall rock. Surface has good early horizontal lineation (fault striae) dipping 9° to the south, vein is at 324°/88°E, from the 22 g/t trench.
59906	554921	5288169	Another vein very close to that in 59905 and truncates the 59905 vein, the vein in this sample is at 30°/80°E and is thin, ~1cm wide. The vein is very cpy-cal-rich with minor qtz and lots of malachite staining, from the 22 g/t trench.
59907	554918	5288173	12cm wide vein or altn zone or vein breccia of the Nipissing diabase. This the same vein and in same orientation as #59905, but at this location the vein is composed of equal parts of granular specular hematite and cpy with very little qtz or calcite. The oxide-sulphide material appears to be altering or assimilating diabase wall rock fragments in a clast supported vein breccia (Some of the original diabase texture can still be observed)? The vein/altn zone is very sharply bounded and is typical qtz-cal-hem-cpy vein elsewhere along strike, from the 22 g/t trench.
59908	554909	5288183	Same vein as 59905 but now the vein is only 2.5cm wide and is composed of specular hematite rosettes. The vein is still cpy-rich ~20%, with ~60% composed of hematite and the rest is vuggy qtz crystals and minor calcite, the vein is now oriented at 150°/88°W, from the 22 g/t trench.
59909	554920	5288196	2.5 cm specular hematite-rich "rosettes" hem>qtz>cal>cpy vein, cpy only ~2.5%, vein is at 343°/85°W, from the 22 g/t trench
59910	554928	5288469	4 cm wide weathered hematite-qtz-rich, qtz-cal-hem cpy vein, ~5% cpy in the southern half of the brittle Merico shear/fracture zone
59911	554929	5288469	6cm qtz-rich fairly cpy-rich (~9%) vein with moderate specular hematite, also a discontinuous vein at the northern half of the Merico shear/fracture zone.
59912	554929	5288469	Weathered, slightly ground up but textures still visible, medium to coarse grained Nipissing diabase from the center of the Merico shear/fracture zone at 270°/75°N
59913	554967	5288474	Main Merico vein ~15cm wide, just before it blows out into a 40cm thick coarse-grain calcite blob, sample is qtz-cpy-rich, ~35% cpy, with relatively little specular hematite
59914	554992	5288481	Northern splay vein off the main Merico vein, vein is oriented at 260°/65°N and is ~11cm wide with local specular hematite rosettes, cpy ~5%, py ~3%
59915	555017	5288475	Main Merico vein, ~15cm wide, cpy-rich, but still quite hematite-rich (rosettes), sample is rather weathered, most calcite is gone and there is a lot of malachite staining, vein is oriented 270°/66°N at this location
59916	555041	5288502	Almost pure cpy vein, ~75%, rest is qtz, only minor calcite, and less than 5% specular hematite. Sample is from the northern splay vein off the main Merico vein, with is ~17cm wide and oriented at 282°/60°N
59917	555042	5288501	Same vein as 59916 and only ~0.75m away, but the vein has taken a jog and is now oriented at 171/83W. Composed of almost pure specular hematite (nodular) with only ~5% cpy, and virtually no qtz or cal, vein is ~12cm wide at this location
59918	555054	5288489	Main Merico vein, pure nodular and specular hematite rosettes plus ~10% vuggy qtz, no cpy or cal, vein is 16cm wide
59919	555072	5288489	Main Merico vein, 25cm wide, sample is of pure coarse-grained calcite with 0.5 to 1% blebby cpy, no hematite or qtz, vein is oriented at 284°/76°N at this location
59920	555087	5288493	Main Merico vein, ~35cm wide at 267/63N, sample is of central py-rich portion of the vein, almost massive py ~70% with remaining consisting of vuggy qtz and 1-2% cpy, all calcite is weathered away
59921	555140	5288503	Qtz-cal-cpy vein with minor specular hematite (main Merico vein), vein is ~11cm wide and at 274°/82°N at this location, sample is 100% vein material
59922	555178	5288537	Mostly calcite with ~3% coarse-grain blebby cpy, but also with a 1cm red hematite-qtz-cpy laminae, sample is from the center of a strongly laminated 45cm wide vein at 262°/78°N, from the most SW trench along the access road

Sample No.	East Nad27 z17	North Nad27 z17	Description
59923	555177	5288537	Same vein as 59922 but from the northern edge, comprising a specular hematite laminae with coarse-grain rosettes, sample is ~40% c.g. calcite and ~50% hematite with ~10% c.g. cpy. Cpy occurs in the calcite along the edge of the hematite laminae, from the SW most access road trench
59924	555189	5288549	Hematite-rich (mini specular hematite rosettes) ~60%, vuggy qtz ~25%, calcite ~10% (mostly weathered away) and ~5% cpy (associated with the qtz). Sample is from the most NW trench along the access road, vein is bending in the trench but central orientation is 239°/75°N
59925	555206	5288557	From the 2nd NW trench along the access road, sample is from the center of a hematite-rich highly weathered vein (~60cm wide) at 270/77N (same vein as 59924), the sample is ~25% hematite, ~15% cpy, ~25% qtz, and ~35% calcite, the vein minerals are zoned, the northern laminae is hematite, the central qtz-cal, and the southern cal-cpy.
59926	554939	5288477	Approx 10cm wide qtz-cal (~50/50) cpy-rich ~20% "in vein" with ~3% specular hematite, sample is ~65% vein rest is diabase wall rock, from the Merico shaft waste pile
59927	554348	5288314	6cm cal>qtz>cpy>chl vein, about 20% of sample is vein, rest consists of alt. diabase. Sample is a bit unique, no hematite but instead it has clots of massive chlorite, cpy is also rather spherical in texture, from Ethel mine waste pile
59928	554362	5288311	Pure vein material, sample is ~15x15cm and is composed of ~60% mini specular hematite rosettes, 1-2% cpy and the rest is calcite, from Ethel mine waste pile
59929	554364	5288315	Sample is ~55% vein and ~45% unaltered. Wall rock, vein is qtz-rich with lesser amounts of cal and lots of cpy and bornite in equal portions ~15% overall, from Ethel mine waste pile
59930	554352	5288355	Chl "moderate" alt. diabase with cal-cpy + minor qtz and bornite veinlets cross cutting it, almost stockwork texture, from Ethel mine waste pile
59931	554355	5288358	Cal-qtz-py-hem (red and specular) vein breccia, wall rock clasts are slightly bleached (altd), the majority of the hematite is red, sample is mostly wall rock fragments ~70%, and 30% vein (matrix), from Ethel mine waste pile
59932	554361	5288363	Qtz-rich cal-py vein block, sample is 100% vein material, vein contains some highly silicified(?) diabase wall rock fragments, cpy ~5%, from Ethel mine waste pile
59933	554363	5288360	Approx 5 cm wide laminated cal-hem (specular) and cpy-qtz vein, sample is 40% vein and 60% wall rock diabase, from Ethel mine waste pile
59934	554352	5288311	Cal-rich chunk of pure vein material, with minor qtz and ~4% cpy and ~4% bornite, from Ethel mine waste pile
59935	554350	5288310	Approx 30% wall rock diabase, with 70% cpy-rich vein; locally massive with semi-spherical textures, rest of vein minerals is chl>cal>qtz. The spherical cpy is hosted in almost pure chl in many cases, vein also contains very little to no hematite, similar to 59927, from Ethel mine waste pile
59936	554360	5288313	Calcite-rich vein with coarse-grain cpy ~15%, no hematite, 1-2% bornite, sample is ~25% wall rock diabase, from Ethel mine waste pile
40051	554874	5286141	Gowganda sediments, calcite crystals in vugs/~2% py/outcrop
40052	554190	5288278	Grungy diabase, some py, some chalcopyrite, malachite stain, old pit, strike 250, dip 78 to N, outcrop
40053	554146	5288268	5 to 10cm wide carbonate vein in diabase, ~3% cpy, other veinlets over 1m total. Strike 246, dip 70 to N, outcrop
40054	554107	5288233	Old trench, 4 cm wide quartz-carbonate vein, ~3% chalcopyrite, strike 250, dip 80 to N, bedrock
40055	553964	5287475	Cemented shaft, carbonate veins 2 to 10cm wide, some chalcopyrite, waste pile, diabase
40056	554078	5287428	Some carbonate, ~0.5% chalcopyrite, waste pile
40057	554226	5288856	Quartz carbonate stringers over an area of 10 to 20 cm in diabase, minor py; strike 232, dip 88 to S
40058	555282	5287667	Carbonate stringers in diabase, some chalcopyrite, bedrock, strike 196, dip 70 to ESE
40059	555096	5287524	Slide off of face of hill, some carbonate, some chalcopyrite, magnetite
40060	553492	5287386	Discovery shaft? Waste pile, quartz carbonate diabase, ~3% chalcopyrite
40061	553884	5286935	1cm and less carbonate veinlets with chalcopyrite, waste pile, pit and trench
40062	553932	5286887	Quartz carbonate veins in diabase 1 to 2 cm wide, ~2% chalcopyrite, waste pile, shaft at 0553922E, 5286888N
40063	554529	5286853	Quartz carbonate in waste pile, pieces up to 20 cm wide, veinlets 1 to 3 cm wide, chalcopyrite, cobalt bloom, strike 248, dip 80 S
40064	553629	5287999	Quartz carbonate vein in waste pile, 10 to 20 cm in size, pit or shaft?, ~2 to 3% chalcopyrite, diabase

Sample No.	East Nad27 z17	North Nad27 z17	Description
40065	553630	5287995	Diabase carbonate mix, waste pile, chalcopyrite, ~2% py, pit or shaft?
40066	553612	5287987	Quartz carbonate vein in waste pile up to 20 cm in size, ~5% chalcopyrite
40067	554287	5288829	Quartz carbonate vein, 10 cm wide, ~1% chalcopyrite, bedrock, diabase, strike 300, dip 88 to SW
40068	554147	5288294	2 cm rusty zone in diabase, some malachite stain, magnetite, bedrock, strike 348, dip 88 to WSW
40069	554629	5285709	Beaver pond project, carbonate vein 5 cm wide, ~3% chalcopyrite in diabase/strike 250, dip 80 to S, 50 m trench outcrop
40070	554627	5285708	Approx 2 to 3% chalcopyrite in aplite dykelets in diabase, waste rock from trench
40071	554641	5285719	Approx 3% bornite, chalcopyrite, in 20 to 30 cm pieces of quartz carbonate magnetite, waste pile
40072	554887	5285747	Veinlets of specular hematite, 0.5 to 1 cm wide, some py-cpy, in Lorrain sediments, bedrock.
40073	554857	5285541	Fine grained dark Lorrain sediments, minor cpy specks, some veinlets of carbonate and hematite, bedrock
40074	554400	5286288	Quartz vein 30 to 40 cm wide, in slightly rusty diabase, strike 260, dip 86 to S
40075	554405	5286298	Carbonate, some cpy, some cobalt bloom, old pit, strike 260, dip 88 to S, bedrock
40076	554399	5286137	Paramount shaft "cemented", qtz-carb-cpy-galena in diabase, waste pile
40077	554414	5286136	Approx 3% chalcopyrite in quartz carbonate, waste pile
40078	554416	5286136	Magnetite veining in places, chalcopyrite, cobalt bloom, waste pile
40079	554867	5286682	Chalcopyrite, magnetite, cobalt bloom, quartz, carbonate in diabase, old pit and trench, trench orientation 214 and 25 m long
40080	554366	5286364	30 cm wide quartz carbonate vein and veinlets (silicified), magnetite, 3% pyrite, old trench, bedrock, strike 210, dip 78 SE
40081	554363	5286370	Approx 2% chalcopyrite in quartz carbonate, some cobalt bloom
40082	554364	5286374	Some py and chalcopyrite, silicified, some pink granitic parts
40083	554405	5286329	Silicified area of diabase, 1 cm wide, calcite crystal, pyrite, altn or vein strikes 210, dip 80 to SE
40084	554337	5285882	Recently stripped and trenched area, 100 m long, with 5 cm wide carbonate+/- cpy vein. Vein is sheared, in diabase, strike 268, dip 86 to S
40085	554291	5285860	Cobalt bloom, chalcopyrite in diabase, silicified slightly, many fractures and veinlets here, waste pile
40086	554005	5285554	Shaft pit?, waste rock, 1 cm veins of py, cpy, qtz-carb and cobalt bloom in diabase.
40087	553992	5285594	Quartz carbonate vein 5 cm wide, with minor cobalt bloom, 1% py and cpy, malachite and blue stain, old pit. Vein strikes 200, dips 80 to W
40088	553941	5285657	Pyrrhotite, chalcopyrite, cobalt bloom in granophyre in diabase. Old pit and trench 100 m long, strike 200, dip 90, waste rock
40089	554940	5286638	Quartz carbonate veining and veinlets in an area 30 to 40 cm wide, ~1% chalcopyrite, cobalt bloom, magnetite, outcrop
40090	554972	5287031	2 cm quartz carbonate vein, ~1% cpy, Silver Fox shaft? Waste rock, strike 260 and 230, dip 86 to S, shaft at 0555104E,5287168N, fenced barbed wire
40091	555123	5287192	Trench, wall rock diabase with 1% py, minor chalcopyrite, magnetite, strike 240, dip 80 S.
40092	555128	5287196	10 cm quartz carbonate vein, chalcopyrite, trench, bedrock, strike 240, dip 80 to S, Old boiler, shaft cribbed
40093	555254	5287494	Shaft waste pile, 2 to 4 cm quartz carbonate veins in pink granite to diabase, ~3% chalcopyrite, 1 cm veinlets of magnetite
40094	555247	5287492	Shaft waste pile, quartz carbonate vein 4 cm wide, ~2% cpy, aplite wall rock
40095	555442	5287788	Silver Jackpot Shaft head frame, magnetite, some chalcopyrite, aplite/diabase, waste pile
40096	555639	5286611	4 cm alteration zone in diabase, some chalcopyrite, old trench, bedrock, strike 240, dip 80 to S
ME-NP-001B	555435	5287787	Wide alt. halo surrounding mag-cal-qtz vein in diabase from the Silver Jackpot shaft waste pile. About 5cm from vein is a halo of orthoclase? "light" pink in a calcite matrix, looks like ald. diabase. Approx 10cm away from vein is a bleached diabase with remnant plagioclase laths, diabasic texture, but now it is a light brownish pink, all mafic minerals have been leached out
ME-NP-002B	555433	5287785	F.g. massive, equigranular, aplite. Contains ~2% diss cpy, from the waste pile of the Silver Jackpot shaft
ME-NP-003B	555434	5287784	M.g. diabase, bleached light buff pinkish brown with good plagioclase laths, cut by ~1cm wide cal vein, from the waste pile of the Silver Jackpot Shaft

Sample No.	East Nad27 z17	North Nad27 z17	Description
ME-NP-004B	555435	5287786	M.g. pinkish alt. diabase? No good laths, possibly aplite, has some dark chl? spots, minor diss py <1%, and trace cpy
ME-NP-001	554978	5287028	Very c.g cpy-rich-bornite vein in m.g. diabase, non magnetic,. Vein is also surrounded by 1-3cm cal altn halo, possibly some blades of barite in the cal-rich vein, qtz not that abundant, contains minor py, cpy>bornite>py, sample is ~50% vein and vein is ~70% cpy, from pit waste pile
ME-NP-002	554975	5287034	3-2cm qtz-cpy +/- cal vein in extensional joint in the diabase, vein jogs in joints from 27/72E to 269/87N, from bedrock in wall of the pit
ME-NP-003	554985	5287038	Bornite + cpy vein with minor cal-qtz. Vein is ~2cm wide from rubble pile of trench
ME-NP-004	554949	5286611	8cm wide, well laminated, cal-rich, cal-qtz-spec-hem-cpy-bornite-py vein, red hematite, no significant alteration of the wall rock, from the waste used to build the logging road most likely from the nearby shafts
ME-NP-005	554949	5286609	Large aggregate sample of vein material, chips, from throughout the waste which was used to make the logging road between the two shafts. The sample is cal-rich with ~3% cpy, ~0.5% bornite, trace py, ~5% hem and ~20% qtz, contains ~10% diabase wall rock, no significant alt. of the wall rock.
ME-NP-006	554864	5286686	4cm thick QV with local blebby cpy ~2% and only minor cal (<3%) in diabase with a 1-2cm bleached out "pinkish" (carb-Na? alt.) halo, could be sliced for a rep sample, sample is form adjacent shafts waste pile, sample is also ~50% wall rock.
ME-NP-007	554863	5286686	Qtz-rich, qtz-cal-cpy vein with weak 1cm bleached alt. halo in diabase. From waste pile of the adjacent shaft, sample is ~65% vein little or no hem, but dark laminations may contain hem and or chl
ME-NP-008	554864	5286687	Very hem-rich (~60% of the sample) with good rosetta texture, second most abundant vein mineral is calcite with local c.g. cpy crystals (~5%), sample is ~80% vein and is from waste pile of the adjacent shaft
ME-NP-009	554739	5287155	1-3cm wide well laminated qtz-rich, qtz-cal vein with 2-3% diss cpy from waste pile from adjacent pit, sample is ~70% vein
ME-NP-010	554739	5287156	C.g. calcite with abundant vuggy dogtooth qtz coating, open space filling textures, no sulphide visible, sample is 100% vein from adjacent pit waste pile
ME-NP-011	554738	5287156	Bleached diabase (~15cm wide -halo altn) comprising ~65% of the sample, unaltered. Unaltd diabase ~20% of the sample and c.g. cal vein ~15% of the sample, form adjacent pit's waste pile
ME-NP-012	554738	5287155	4cm wide locally laminated qtz-cal vein intruding along an alt. zone of diabase, or possibly a late leucocratic "plagioclase-rich" dyklet, cpy occurs in both the dyklet and vein (~3% overall), from adjacent pit's waste pile.
ME-NP-013	554688	5287093	Large aggregate grab sample of all types of cal-qtz-cpy-bornite veins in the waste pile, sample has ~15% wall rock, from waste pile of the Silver Fox Shaft
ME-NP-014	554688	5287092	Interesting cpy-rich (~60%), cal-qtz vein with well defined 1.5cm wide bleached altn halo and another weaker altn halo ~2cm wide and then unaltered rock, from waste pile of Silver Fox Shaft
ME-NP-015	554697	5287092	Qtz-rich (75% of vein) qtz-cal-cpy-bornite vein from Silver Fox waste pile, sample has ~20% wall rock
ME-NP-016	554683	5287049	C.g. cal vein to vein breccia in joint/fracture from bedrock in adjacent pit
ME-NP-017	554522	5286877	Aggregate grab sample from waste pile of adjacent shaft, c.g. cal-rich, minor qtz and minor c.g. cpy, no hem and no bornite, ~15% of sample is diabase wall rock
ME-NP-018	554525	5286866	C.g. cal vein (~30cm wide) with odd central band of highly carbonate alt. diabase? and some odd silver grey minerals that weathers up from the calcite, from waste pile of the adjacent shaft
ME-NP-019	554522	5286873	3cm qtz-rich (~twice as much as calcite) cpy-rich (~60%) cpy-qtz-cal vein, sample is ~40% wall rock from waste pile of adjacent shaft, it should be noted that this vein type is very rare in the waste pile
ME-NP-020	555119	5287188	Vein in trench, hosted in zone of (1.5m wide) strong jointing/fracturing at 48/74S but splays off in another joint orientation (22/86S), vein is cal-rich but finer grain than typical, ~5% cpy, ~3% c.g. subhedral py, ~1-2% bornite and some odd chl clots, no spec hem, vein is 17cm wide
ME-NP-021	555109	5287175	2.5cm vein in well laminated cal-rich, qtz-cal vein with 2-3% cpy and ~1/2% galena, also some actinolite, sample is ~75% vein, rest is wall rock from trench rubble pile
ME-NP-022	555116	5287162	Aggregate grab sample from adjacent shaft waste pile, sample is ~90% vein which is rather cal-rich with overall more bornite than cpy, no spec hem

Sample No.	East Nad27 z17	North Nad27 z17	Description
ME-NP-023	555100	5287167	Large piece of blast rock near shaft, sample is qtz-rich, qtz-cal vein to vein breccia with some zones which appear to have alt. flooded diabase, sample has ~8% cpy, ~1% bornite no spec hem
ME-NP-024	555091	5287157	13cm wide, qtz-rich, qtz-cal vein with ~2% diss cpy in zone of strong jointing/fracturing over ~1m, vein is oriented at 120/82
ME-NP-025	555436	5287798	Cal-rich, qtz-cal-hem-cpy-bornite vein in adit at Silver Jackpot, vein is 3-5cm wide and at 216/83, the adit appears to be sunk along this vein
ME-NP-026	555413	5287808	5cm cal-rich qtz-cal vein at 39/75E with trace to 1% cpy, and earthy hem, vein is in a zone of increased jointing/fracturing over ~50cm in a larger zone of widely spaced sub parallel joints over 8m
ME-NP-027	555398	5287824	Far NW of trench, cpy-rich vein leading to Silver jackpot adit, ~1-2cm wide in a 30cm wide zone of strong jointing
ME-NP-028	555365	5287076	Discontinuous qtz-cal-cpy-spec hem veins, mm to cm-scale, hosted in a narrow ~5cm wide zone of strong fracturing/jointing flanking an aplite dyke, sample is ~60% vein, 40% aplite wall rock
ME-NP-029	555348	5287035	Chip sample along vein in both the E-W and N-S orientations, vein width varies from 1-3cm, veins consist of vuggy qtz, qtz-cal-cpy with trace spec hem
ME-NP-030	555627	5286594	0.5 to 1cm qtz-carb-cpy vein in pit, ~31/74E in zone of moderate parallel jointing over ~1.5m, vein is erratic and sometimes nothing more than some cal and cpy alt. of the diabase
ME-NP-031	555537	5286539	Aggregate chip sample of 0.5 to 1cm thick cal-rich qtz-cal vein with local cpy and garnet? From waste pile of adjacent pit sample is ~60% wall rock
ME-NP-032	555011	5285378	Silicified alt. zone in Lorrain arkosic sandstone with ~2-3% diss to blebby cpy and minor spec hem, zone is in very close to the diabase-sediment contact
ME-NP-033	553374	5288393	Qtz-rich, qtz-cal-spec hem-cpy veining from waste pile of adjacent pit, spec hem has good rosetta textures, sample is a composite grab sample from the waste pile, veining ranges from 1 to 5cm wide, sample is ~25% diabase wall rock
ME-NP-034	554889	5285743	Frost heaved rubble from outcrop, veining is ~0.5 to 1.5cm wide, and composed of spec hem, dogtooth qtz, cal and cpy hosted in Lorrain arkose-arenite sandstone, sample is ~50% wall rock
ME-NP-035	554835	5285850	5-15cm wide spherical zone of pervasive spec hem alt. in Lorrain arkose-arenite sandstone
ME-NP-036	556005	5287606	1.5cm cal-rich cal-c.g. cpy-spec hem "rosette textured" vein, trace qtz, from blast rubble. Vein is joint hosted
ME-NP-037	556008	5287583	1.5cm qtz-cal (~50/50) cpy-spec hem vein from outcrop oriented at 269/85
ME-NP-038	556011	5287578	8cm wide, v. spec hem-rich "nodular" and cpy-rich "matrix" in dogtooth qtz vein with minor calcite, vein is predominantly sulphides and oxides and orientated at 332/85, from outcrop
ME-NP-039	554334	5285875	5cm wide cobalt bloom, qtz-cal vein, trace cpy.
ME-NP-040	554316	5285865	4cm qtz-cal-cpy-rich vein just before it joints the ~70/70 cal-rich main vein
16292	555411	5287739	Waste pile rock from trench way point 30 to 31. Carbonate vein hosting cpy, py and malachite.
16293	555411	5287735	3.5cm carbonate vein hosting hematite py, and cobalt bloom. From trench 30 to 31
16294	555367	5287661	Carbonate vein with cpy, py, hematite located in waste pile from pit waypoint 029
16295	555348	5287637	Vein located in waypoint# 038 pit . 3cm to 4cm wide quartz vein hosting cpy, py, hematite. Strikes 38 dips 84
16296	555304	5287582	4cm carbonate vein with cobalt bloom located in waste pile from waypoint #039 pit
16297	555290	5287550	3cm carbonate vein hosting py . 70% of py is in wall rock Strike 30 dip 82
16298	555289	5287550	1cm vein from waypoint #042 pit. Small amounts of py
16299	555269	5287619	Carbonate vein from waypoint #045 pit. Contains small amounts of py
16300	555278	5287649	4cm vein with hematite, py. Found in waste pile from waypoint pit #44
16301	554850	5287714	10cm quartz vein in rubble pile on side of cliff. No vein seen in outcrop. Vein found in outcrop to the north. Sample # 16303, Py, malachite
16302	554855	5287711	10cm quartz vein in rubble pile on cliff edge. Py, malachite cobalt
16303	554884	5287839	10cm quartz vein on cliff edge. Lots of py. Strike 350 dip 89
16304	555736	5287751	5 to 10cm vein, cpy, py, malachite from pit waypoint #46

Sample No.	East Nad27 z17	North Nad27 z17	Description
16305	556089	5287670	Quartz vein from waste pile from trench waypoints #47, 48.Py, malachite
16306	556083	5287663	Quartz vein from waste pile from trench waypoints #47, 48. Vein contains py, malachite, hematite
16307	556070	5287644	5cm quartz vein from waypoints #47,48 trench. Py, malachite, hematite. strike 49 dip 88
16308	556066	5287643	Quartz vein from waste pile from trench waypoints #47, 48. Vein is 3cm to 8 cm wide, with py, malachite. Strike 50 dip 89
16309	556049	5287656	Quartz vein from rubble pile in trench waypoints #49,50. Vein contains py, hematite
16310	556005	5287214	3cm vein from waypoint #053 pit. Py in vein, strikes 44 dips 82
16311	554869	5287808	2cm quartz vein with a few specks of py, running parallel to vein from sample 16303. Shallow trench running east-west from top to bottom of ridge. Strike 360 dip 83
16312	554889	5287839	5cm quartz vein, same vein as sample #16303,16311. Py,malachite in vein.
16313	554886	5287855	Carbonate vein running 90 deg to vein in sample #16312. Py, malachite in vein. Small pit 2m x 2m x 1m deep. strike 90 dip 89
16314	555090	5287960	5cm vein py, malachite, from trench waypoints #55 to 56. Vein strikes 258 dips 88 east
16315	554581	5285698	Approx 15cm cpy-rich, qtz-cal-cpy vein, no spec hem, in a 50cm wide zone of strong fracturing/jointing, vein oriented at 257/86N
16316	554646	5285723	Sample is from waste pile of the adjacent shaft, sample is qtz-rich, <10% cal and contains lots of bornite 10% with 5% cpy, no spec hem
GOWGANDA1	517756	5277013	1-10cm qtz-rich (mostly qtz) qtz-carb vein with trace to 1% py, vein is hosted in Gowganda granite dropstone argillite, vein is oriented at ~228/58N, vein contains 60% cpy, 25% cal, 15% qtz

N.M. - not measured
N.A. - not analyzed
"- " indicates below detection limit

Sample No.	Mag Susc.	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm
59901	N.M.	3.73	46.5	2.73	7897	3663	774	13200	-0.005	-0.005	-2	0.66	-10
59902	N.M.	3.29	31	12.90	5325	932	244	2321	-0.005	-0.005	4	0.45	15
59903	N.M.	0.03	1	0.18	118	68	59	125	-0.005	-0.005	3	1.21	10
59904	N.M.	0.34	0.6	0.38	62	65	28	19	-0.005	-0.005	-2	2.71	28
59905	N.M.	1.17	20	8.72	4839	835	190	5129	-0.005	-0.005	4	1.12	31
59906	N.M.	0.47	8.6	8.60	1679	190	157	1325	-0.005	-0.005	3	1.45	33
59907	N.M.	4.16	109.6	8.08	7027	738	104900	7553	-0.005	-0.005	4	1.45	12
59908	N.M.	0.01	4.3	2.42	553	135	1623	57	-0.005	-0.005	2	2.91	17
59909	N.M.	2.35	7	0.97	945	159	604	751	-0.005	-0.005	3	1.74	25
59910	N.M.	0.21	0.7	0.95	164	136	236	31	-0.005	-0.005	3	2.23	13
59911	N.M.	0.15	0.3	0.71	197	143	124	226	0.01	0.02	-2	2.76	11
59912	N.M.	0.01	-0.2	0.02	77	416	50	-5	-0.005	-0.005	3	3.89	21
59913	N.M.	5.53	5.2	6.82	1477	236	168	309	-0.005	-0.005	3	1.21	11
59914	N.M.	1.63	2.9	2.12	56	42	88	-5	-0.005	-0.005	3	1.26	15
59915	N.M.	12.34	4.8	5.76	4359	143	136	111	-0.005	-0.005	4	0.41	15
59916	N.M.	0.62	10.4	23.68	7934	397	586	3028	0.01	0.01	3	0.2	11
59917	N.M.	2.47	1.6	1.53	10100	253	94	226	-0.005	0.01	-2	0.52	15
59918	N.M.	0.12	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	-0.005	-0.005	-2	N.A.	N.A.
59919	N.M.	0.00	0.5	0.35	50	3	19	-5	-0.005	-0.005	-2	0.03	-10
59920	N.M.	2.28	3.7	1.36	764	74	82	7	-0.005	-0.005	3	0.23	13
59921	N.M.	9.88	11.8	5.56	2312	85	139	89	-0.005	-0.005	-2	1.87	20
59922	N.M.	0.95	0.9	0.74	18	6	20	-5	-0.005	-0.005	-2	0.07	-10

Sample No.	Mag Susc.	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm
59923	N.M.	1.69	1.2	3.72	28	8	78	-5	-0.005	-0.005	-2	0.08	-10
59924	N.M.	5.90	2.1	3.31	26	12	78	-5	-0.005	-0.005	-2	0.4	-10
59925	N.M.	0.86	1.1	6.82	12	6	113	-5	-0.005	-0.005	-2	0.1	-10
59926	N.M.	1.08	1.1	4.99	403	50	88	-5	-0.005	0.01	-2	0.91	-10
59927	N.M.	3.11	9.3	9.04	619	220	154	186	-0.005	-0.005	3	2.86	16
59928	N.M.	1.33	0.6	0.79	48	49	20	-5	-0.005	-0.005	-2	1	-10
59929	N.M.	2.74	99.3	18.04	61	44	237	-5	-0.005	-0.005	3	0.87	-10
59930	N.M.	0.00	16.5	2.80	20	85	51	-5	-0.005	-0.005	-2	2.13	11
59931	N.M.	0.69	9.9	3.81	60	84	61	-5	-0.005	-0.005	-2	2.07	12
59932	N.M.	0.85	2.3	1.76	48	32	40	-5	-0.005	-0.005	3	0.65	-10
59933	N.M.	0.16	1.9	2.09	184	141	38	-5	0.01	0.02	-2	2.21	15
59934	N.M.	3.36	34.7	11.13	96	50	143	10	-0.005	-0.005	4	0.61	-10
59935	N.M.	0.15	3.1	9.98	2049	385	156	166	-0.005	-0.005	3	2.56	32
59936	N.M.	0.87	2.3	3.26	236	113	56	-5	-0.005	-0.005	3	2.15	19
40051	N.M.	0.12	-0.2	0.09	1352	109	17	32	0.03	0.02	N.A.	0.78	30
40052	Medium	0.16	-0.2	0.15	576	207	10	-5	-0.005	0.01	N.A.	2.95	22
40053	N.M.	0.21	1.8	10.02	3675	395	36	264	-0.005	-0.005	N.A.	1.19	-10
40054	N.M.	1.01	-0.2	3.83	66	59	21	-5	-0.005	0.02	N.A.	1.35	-10
40055	N.M.	0.02	0.2	0.33	296	65	2507	44	0.01	-0.005	N.A.	1.46	-10
40056	N.M.	0.07	15.6	2.30	987	134	164	884	-0.005	0.01	N.A.	2.27	14
40057	N.M.	0.02	-0.2	0.46	16	152	6	-5	-0.005	-0.005	N.A.	2.81	21
40058	N.M.	0.01	0.9	0.25	259	69	9770	18	-0.005	0.01	N.A.	2.15	10
40059	High	0.22	-0.2	0.33	57	53	73	-5	-0.005	-0.005	N.A.	2.42	30
40060	Medium	0.05	26.3	7.24	10900	971	734	11000	-0.005	-0.005	N.A.	0.99	-10
40061	N.M.	0.14	1.6	0.16	200	34	22	117	-0.005	-0.005	N.A.	1.48	12
40062	Medium to High Diabase	0.01	-0.2	0.69	145	61	513	24	-0.005	-0.005	N.A.	2.44	-10
40063	N.M.	0.02	5.9	2.79	7690	1035	52	9053	-0.005	-0.005	N.A.	1.73	-10
40064	Not magnetic	0.04	1.5	6.27	369	99	23	28	-0.005	-0.005	N.A.	0.9	-10

Sample No.	Mag Susc.	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm
40065	Not magnetic	0.10	-0.2	2.04	3167	155	15	41	-0.005	-0.005	N.A.	1.15	-10
40066	Not magnetic	0.03	6.9	9.74	465	23	54	-5	-0.005	-0.005	N.A.	0.12	-10
40067	Not magnetic	0.04	-0.2	1.02	38	170	6	-5	-0.005	-0.005	N.A.	2.5	-10
40068	Highly magnetic	0.51	13.2	2.49	487	243	5	10	0.01	0.01	N.A.	4.86	12
40069	Not magnetic	0.79	14	13.48	3254	347	83	4212	-0.005	-0.005	N.A.	1.22	-10
40070	Not magnetic	0.74	34	4.84	1288	147	44	1480	-0.005	-0.005	N.A.	0.97	-10
40071	Very high in places	0.14	129.7	12.66	2461	280	59	2516	-0.005	-0.005	N.A.	0.43	-10
40072	N.M.	0.01	-0.2	0.12	23	7	6	17	-0.005	-0.005	N.A.	0.09	-10
40073	N.M.	0.01	-0.2	0.15	48	41	9	10	-0.005	-0.005	N.A.	0.83	46
40074	N.M.	0.02	-0.2	0.02	9	18	30	9	-0.005	-0.005	N.A.	0.29	12
40075	N.M.	0.01	0.6	0.17	578	19	0	566	-0.005	-0.005	N.A.	1.19	-10
40076	N.M.	0.01	39.3	0.80	2043	264	7672	1547	-0.005	0.01	N.A.	1.24	-10
40077	N.M.	0.01	62.8	3.67	10400	1639	13600	12800	-0.005	0.01	N.A.	1.23	-10
40078	Very high in places	0.01	151.5	0.14	6574	5505	111	12900	-0.005	0.03	N.A.	1.98	-10
40079	Very high in places	0.02	121.4	5.97	1325	218	52	1604	-0.005	-0.005	N.A.	0.73	-10
40080	Very high in places	0.02	12.1	4.84	1423	215	15	2220	-0.005	-0.005	N.A.	0.75	-10
40081	N.M.	0.04	87.3	3.07	6636	1593	52	12700	-0.005	-0.005	N.A.	0.67	22
40082	N.M.	0.01	12.9	1.10	665	132	15	561	-0.005	-0.005	N.A.	0.87	-10
40083	Very magnetic. In places	0.01	0.2	0.06	65	29	100	24	-0.005	-0.005	N.A.	1.27	22
40084	N.M.	0.02	90.2	6.60	9588	1852	45	17700	-0.005	-0.005	N.A.	1.61	16
40085	N.M.	0.01	48.2	3.47	5445	719	77	7713	-0.005	-0.005	N.A.	1.73	-10
40086	N.M.	0.04	4.8	0.03	275	81	0	354	-0.005	-0.005	N.A.	1.51	-10
40087	Very magnetic in places	0.03	3.1	2.08	1556	365	10	1901	-0.005	-0.005	N.A.	0.99	-10
40088	N.M.	0.06	3.6	2.10	10800	25800	0	44600	0.01	0.01	N.A.	1.02	-10
40089	High in places	0.49	-0.2	1.14	395	123	0	502	-0.005	0.01	N.A.	0.61	-10
40090	Diabase is high	0.30	>200.0	3.20	4194	652	274	5163	-0.005	-0.005	N.A.	1.46	-10
40091	N.M.	0.12	-0.2	0.80	283	109	400	143	-0.005	-0.005	N.A.	2.26	12
40092	Diabase is high	0.86	96	5.21	9774	1512	121	11600	-0.005	-0.005	N.A.	0.98	-10
40093	N.M.	2.60	2.1	4.03	555	59	8	295	-0.005	-0.005	N.A.	0.83	-10
40094	High	0.36	2.3	5.38	125	21	5	127	-0.005	-0.005	N.A.	0.07	-10
40095	N.M.	2.68	50.1	0.80	565	114	3	649	-0.005	0.01	N.A.	0.82	-10
40096	High	0.65	9.1	0.55	311	101	0	556	-0.005	-0.005	N.A.	1.93	14
ME-NP-001B	N.M.	0.00	18.9	0.15	64	14	20	159	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-002B	N.M.	0.01	0.8	0.07	25	11	1	64	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-003B	N.M.	0.01	19.5	0.05	14	6	14	-5	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Mag Susc.	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm
ME-NP-004B	N.M.	0.00	47.3	0.14	25	16	21	68	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-001	N.M.	0.51	118	7.37	4850	978	142	8140	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-002	N.M.	1.96	89.2	6.13	2860	266	1860	2620	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-003	N.M.	0.30	590	20.37	7400	1530	3190	14800	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-004	N.M.	0.32	2.8	0.25	254	63	35	495	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-005	N.M.	0.25	3.2	1.00	274	68	28	413	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-006	N.M.	0.00	8	0.38	718	160	11	1370	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-007	N.M.	0.29	99.6	3.72	10700	2160	50	18700	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-008	N.M.	0.13	2.2	0.26	1490	117	98	55	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-009	N.M.	0.00	0.4	0.09	47	41	1210	30	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-010	N.M.	0.00	0.8	0.02	12	3	15	35	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-011	N.M.	0.00	0.3	0.03	20	27	5	17	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-012	N.M.	0.14	0.5	0.75	35	39	1	11	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-013	N.M.	0.25	21.6	4.95	884	127	30	1300	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-014	N.M.	0.01	2.8	3.31	1190	83	37	42	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-015	N.M.	2.68	18	8.38	1350	183	12	2130	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-016	N.M.	0.00	0.1	0.03	53	90	1	20	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-017	N.M.	0.03	10.8	5.23	2450	314	39	3080	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-018	N.M.	0.02	2.8	0.04	30	21	31	28	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-019	N.M.	0.08	29.2	9.75	2120	393	33	4070	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-020	N.M.	0.61	75.4	5.45	1700	266	10	3220	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-021	N.M.	0.01	2	0.08	50	43	3360	23	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-022	N.M.	1.12	66.4	5.34	6920	1040	76	10100	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Mag Susc.	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm
ME-NP-023	N.M.	0.19	6.8	1.48	1640	358	31	2820	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-024	N.M.	0.19	11.5	0.49	1010	230	17	1800	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-025	N.M.	1.40	3.2	2.65	41	29	7	-5	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-026	N.M.	0.25	0.2	0.36	32	41	75	-5	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-027	N.M.	1.05	0.9	2.26	46	28	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-028	N.M.	0.09	2.4	0.26	123	30	40	181	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-029	N.M.	0.07	11.3	2.87	187	45	210	34	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-030	N.M.	0.29	34.9	0.69	273	49	17	1440	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-031	N.M.	0.00	0.4	0.07	43	131	50	18	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-032	N.M.	0.00	0.1	0.16	39	40	1	40	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-033	N.M.	0.57	4	1.24	198	87	5	-5	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-034	N.M.	0.02	0.2	0.64	9	1	1	16	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-035	N.M.	0.01	0.1	0.01	53	127	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-036	N.M.	0.00	0.9	3.22	4	1	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-037	N.M.	0.00	1333	1.90	411	133	7600	207	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-038	N.M.	3.25	70.6	13.26	69	22	46	-5	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-039	N.M.	0.03	27.2	0.70	14000	1600	59	22500	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-040	N.M.	0.00	53.5	9.12	8000	758	4	12900	N.A.	N.A.	N.A.	N.A.	N.A.
16292	N.M.	4.46	2.8	0.58	66	84	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.
16293	N.M.	1.47	12.4	1.74	2160	1760	15	4370	N.A.	N.A.	N.A.	N.A.	N.A.
16294	N.M.	7.44	8.2	1.41	255	147	1	541	N.A.	N.A.	N.A.	N.A.	N.A.
16295	N.M.	2.04	21.2	8.52	11600	920	41	18300	N.A.	N.A.	N.A.	N.A.	N.A.
16296	N.M.	0.22	2.8	0.11	3060	624	23	5070	N.A.	N.A.	N.A.	N.A.	N.A.
16297	N.M.	0.12	2.7	0.96	458	85	1650	314	N.A.	N.A.	N.A.	N.A.	N.A.
16298	N.M.	0.05	27.2	0.76	89	49	11	103	N.A.	N.A.	N.A.	N.A.	N.A.
16299	N.M.	0.01	2.4	0.16	286	61	10100	68	N.A.	N.A.	N.A.	N.A.	N.A.
16300	N.M.	0.00	10.8	0.94	5240	187	57300	240	N.A.	N.A.	N.A.	N.A.	N.A.
16301	N.M.	0.02	13.7	2.87	960	262	221	3060	N.A.	N.A.	N.A.	N.A.	N.A.
16302	N.M.	0.00	1.6	0.17	327	97	181	631	N.A.	N.A.	N.A.	N.A.	N.A.
16303	N.M.	0.25	43	4.00	371	118	13	603	N.A.	N.A.	N.A.	N.A.	N.A.
16304	N.M.	0.11	90	6.69	2020	262	43	4110	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Mag Susc.	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm
16305	N.M.	4.80	8.4	5.63	15	10	3	-5	N.A.	N.A.	N.A.	N.A.	N.A.
16306	N.M.	1.97	14.6	2.77	16	27	1	10	N.A.	N.A.	N.A.	N.A.	N.A.
16307	N.M.	4.45	7.1	6.64	4	11	371	-5	N.A.	N.A.	N.A.	N.A.	N.A.
16308	N.M.	8.34	18.6	5.27	26	15	9	77	N.A.	N.A.	N.A.	N.A.	N.A.
16309	N.M.	1.05	22.8	2.88	5	25	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.
16310	N.M.	0.46	125	16.28	340	77	1	952	N.A.	N.A.	N.A.	N.A.	N.A.
16311	N.M.	0.08	0.9	0.09	105	16	4	9	N.A.	N.A.	N.A.	N.A.	N.A.
16312	N.M.	0.34	101	5.14	450	121	9	863	N.A.	N.A.	N.A.	N.A.	N.A.
16313	N.M.	0.06	4.8	5.60	604	86	1	228	N.A.	N.A.	N.A.	N.A.	N.A.
16314	N.M.	0.07	20.3	0.41	3640	1010	1	6240	N.A.	N.A.	N.A.	N.A.	N.A.
16315	N.M.	0.03	3.6	17.82	700	116	1	1310	N.A.	N.A.	N.A.	N.A.	N.A.
16316	N.M.	0.07	85	10.30	614	112	1	1180	N.A.	N.A.	N.A.	N.A.	N.A.
GOWGANDA1	N.M.	-999	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm
59901	0.50	6712.0	6.92	-1	64	4.32	-0.01	0.58	587	113.0	0.03	742	16	10
59902	-0.50	204.0	3.73	-1	42	11.65	-0.01	0.54	653	7.0	0.02	2733	20	19
59903	-0.50	30.0	1.13	-1	92	3.31	0.02	1.06	526	-2.0	0.06	120	-5	4
59904	0.60	-5.0	1.41	-1	52	7.43	0.11	2.41	492	-2.0	0.17	274	10	10
59905	-0.50	43.0	13.90	-1	21	10.44	-0.01	1.72	3406	55.0	0.03	1972	15	30
59906	0.50	-5.0	13.35	-1	25	10.40	-0.01	1.77	2890	-2.0	0.03	2019	7	16
59907	-0.50	125.0	1.11	-1	62	11.91	-0.01	1.51	524	198.0	0.02	2166	14	14
59908	0.60	-5.0	13.62	-1	48	11.31	-0.01	3.55	6142	-2.0	0.02	1405	11	27
59909	-0.50	7.0	1.53	-1	89	9.22	0.01	1.86	1575	14.0	0.02	486	-5	22
59910	0.60	-5.0	2.94	-1	177	7.14	-0.01	2.82	1149	-2.0	0.01	465	8	28
59911	0.70	-5.0	5.19	-1	203	6.81	-0.01	3.05	981	-2.0	0.02	283	9	15
59912	-0.50	-5.0	0.95	-1	117	6.32	0.04	5.94	1323	-2.0	0.07	211	-5	8
59913	-0.50	-5.0	7.61	-1	125	10.07	0.02	1.24	2010	-2.0	0.02	1627	7	24
59914	-0.50	-5.0	5.96	-1	128	6.45	-0.01	1.51	579	-2.0	0.02	538	6	7
59915	-0.50	-5.0	3.85	-1	57	14.58	-0.01	0.32	492	-2.0	0.01	1411	10	8
59916	-0.50	14.0	0.16	-1	16	>15.00	-0.01	0.16	205	4.0	-0.01	5308	14	9
59917	-0.50	-5.0	1.24	-1	64	>15.00	-0.01	0.43	957	-2.0	-0.01	950	-5	12
59918	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
59919	1.80	-5.0	>15.00	1	9	0.51	-0.01	0.03	538	-2.0	-0.01	82	-5	3
59920	-0.50	14.0	0.25	-1	46	>15.00	-0.01	0.09	68	-2.0	-0.01	528	-5	5
59921	-0.50	-5.0	1.30	-1	36	12.51	-0.01	2.54	556	-2.0	-0.01	1490	7	9
59922	-0.50	-5.0	>15.00	-1	29	1.15	-0.01	0.12	4973	3.0	0.02	171	-5	7

Sample No.	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm
59923	0.70	-5.0	>15.00	-1	34	6.49	-0.01	0.1	1233	34.0	0.01	888	-5	6
59924	-0.50	-5.0	0.33	-1	71	9.68	-0.01	0.17	1017	-2.0	-0.01	965	6	9
59925	0.80	-5.0	12.12	-1	52	8.57	-0.01	0.05	1413	-2.0	0.02	1490	-5	10
59926	-0.50	-5.0	>15.00	-1	64	9.87	-0.01	0.88	767	-2.0	0.01	1542	-5	12
59927	0.60	98.0	11.63	-1	34	12.37	-0.01	4.27	5987	291.0	0.02	2846	6	28
59928	-0.50	-5.0	14.52	-1	25	8.25	-0.01	1.26	1223	3.0	-0.01	322	-5	12
59929	-0.50	43.0	5.16	-1	87	6.84	-0.01	1	832	4.0	0.03	3500	-5	12
59930	-0.50	-5.0	9.12	-1	150	5.87	-0.01	2.25	1540	19.0	0.03	794	-5	26
59931	0.50	-5.0	13.00	-1	94	8.89	-0.01	2.29	2228	-2.0	0.02	1229	-5	23
59932	-0.50	-5.0	5.29	-1	94	3.71	-0.01	0.8	603	-2.0	0.01	402	-5	8
59933	1.20	-5.0	8.79	-1	231	7.82	0.08	2.24	1444	-2.0	0.02	531	-5	18
59934	-0.50	53.0	>15.00	-1	8	5.92	-0.01	1.18	2686	8.0	0.01	2323	-5	23
59935	0.60	-5.0	9.51	-1	44	12.66	0.04	3.4	3452	30.0	0.03	3884	-5	24
59936	0.70	-5.0	14.78	-1	115	7.44	0.04	3.85	6211	7.0	0.02	1861	9	45
40051	-0.50	57.0	0.03	-1	141	7.59	0.02	0.79	177	6.0	0.08	59	9	9
40052	-0.50	38.0	0.33	-1	113	>15.00	0.05	4.77	653	-2.0	0.1	331	-5	10
40053	-0.50	-5.0	11.44	-1	75	13.63	0.01	1.51	1997	-2.0	0.08	239	-5	17
40054	-0.50	-5.0	>15.00	-1	61	10.37	-0.01	5.03	>10000	-2.0	0.08	46	-5	26
40055	-0.50	17.0	>15.00	-1	56	4.20	0.02	1.78	1798	-2.0	0.07	87	-5	16
40056	-0.50	33.0	9.77	-1	52	7.50	0.07	2.39	4154	10.0	0.15	206	-5	27
40057	-0.50	-5.0	4.01	-1	197	7.64	0.03	3.17	593	-2.0	0.08	691	-5	11
40058	0.60	9.0	8.96	4	100	5.91	0.02	2.52	1255	-2.0	0.08	88	-5	14
40059	-0.50	12.0	1.37	-1	83	7.15	0.08	1.73	408	-2.0	0.26	240	-5	7
40060	-0.50	81.0	6.70	-1	60	>15.00	0.03	0.93	1125	21.0	0.11	61	14	10
40061	-0.50	19.0	5.25	-1	52	6.78	0.09	1.24	466	-2.0	0.09	375	12	7
40062	-0.50	20.0	11.01	-1	54	6.38	0.07	2.24	1928	-2.0	0.16	180	10	18
40063	-0.50	20.0	5.61	-1	74	6.86	0.03	2.11	1577	12.0	0.1	147	14	13
40064	-0.50	-5.0	>15.00	-1	27	11.86	-0.01	3.9	>10000	-2.0	0.07	414	-5	41

Sample No.	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm
40065	-0.50	-5.0	7.48	-1	166	10.91	0.01	1.72	2488	-2.0	0.1	48	-5	13
40066	-0.50	-5.0	>15.00	-1	15	12.10	-0.01	0.61	5167	-2.0	0.07	-10	6	34
40067	-0.50	-5.0	3.22	-1	209	8.32	0.01	2.68	573	-2.0	0.08	194	6	11
40068	-0.50	-5.0	0.57	-1	118	14.61	0.05	7.24	961	-2.0	0.08	126	12	19
40069	-0.50	-5.0	1.80	-1	142	>15.00	0.01	1.61	573	-2.0	0.07	67	23	13
40070	-0.50	-5.0	3.02	-1	147	7.54	-0.01	1.27	737	-2.0	0.09	343	11	8
40071	-0.50	-5.0	11.70	-1	98	8.81	0.01	0.57	1693	23.0	0.06	29	13	13
40072	-0.50	17.0	0.50	-1	136	4.69	0.02	0.02	174	-2.0	0.11	37	-5	2
40073	-0.50	-5.0	0.17	-1	191	3.54	0.23	0.61	128	-2.0	0.08	170	-5	3
40074	-0.50	8.0	0.06	-1	303	0.82	0.06	0.14	529	-2.0	0.06	58	-5	-1
40075	-0.50	37.0	>15.00	-1	89	3.52	-0.01	1.53	4159	12.0	0.06	76	-5	12
40076	-0.50	46.0	14.23	-1	54	5.93	0.03	1.29	1564	31.0	0.07	201	22	13
40077	-0.50	82.0	4.13	-1	66	11.37	-0.01	1.64	1636	448.0	0.06	2405	50	13
40078	-0.50	467.0	9.19	-1	64	5.61	0.05	1.9	1487	141.0	0.1	262	52	20
40079	-0.50	216.0	11.91	-1	108	7.14	0.04	0.94	3804	21.0	0.09	86	1422	25
40080	-0.50	-5.0	0.96	-1	169	8.44	0.01	0.87	396	24.0	0.06	125	35	10
40081	-0.50	102.0	1.11	-1	186	5.30	0.02	0.78	537	113.0	0.08	629	42	9
40082	-0.50	17.0	2.23	-1	136	4.16	0.02	0.9	655	4.0	0.09	270	-5	8
40083	-0.50	21.0	1.65	-1	133	6.03	0.07	1.3	592	-2.0	0.12	200	8	7
40084	-0.50	65.0	4.53	-1	119	8.78	0.04	2.05	1301	131.0	0.08	303	56	18
40085	-0.50	-5.0	9.02	-1	76	9.60	0.02	2.36	3832	92.0	0.06	381	664	14
40086	-0.50	30.0	14.75	-1	58	6.35	0.03	2.9	7218	4.0	0.08	185	16	25
40087	-0.50	-5.0	>15.00	-1	51	6.57	0.03	1.57	5273	2.0	0.08	191	13	33
40088	-0.50	269.0	14.74	-1	44	7.11	0.02	4.55	>10000	35.0	0.07	313	119	31
40089	-0.50	16.0	>15.00	-1	97	3.48	-0.01	0.79	4127	-2.0	0.07	52	11	15
40090	-0.50	-5.0	9.12	-1	117	5.33	0.03	2.2	2806	115.0	0.08	101	138	16
40091	-0.50	13.0	6.62	-1	89	10.64	0.1	2.47	1734	-2.0	0.14	340	-5	12
40092	-0.50	78.0	11.32	-1	103	3.98	0.01	1.39	2923	285.0	0.07	-10	17	19
40093	-0.50	-5.0	>15.00	-1	54	7.68	0.01	1.69	4027	-2.0	0.06	-10	-5	12
40094	-0.50	-5.0	>15.00	-1	46	6.10	-0.01	0.22	2833	3.0	0.06	-10	-5	8
40095	-0.50	-5.0	>15.00	-1	52	3.98	0.01	0.86	2246	15.0	0.08	62	10	12
40096	-0.50	19.0	1.46	-1	139	6.39	0.05	2.42	674	-2.0	0.1	452	13	7
ME-NP-001B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-002B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-003B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm
ME-NP-004B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-001	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-002	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-003	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-004	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-005	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-006	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-007	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-008	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-009	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-010	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-011	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-012	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-013	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-014	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-015	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-016	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-017	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-018	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-019	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-020	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-021	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-022	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm
ME-NP-023	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-024	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-025	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-026	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-027	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-028	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-029	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-030	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-031	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-032	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-033	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-034	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-035	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-036	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-037	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-038	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-039	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-040	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16292	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16293	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16294	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16295	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16296	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16297	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16298	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16299	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16300	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16301	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16302	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16303	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16304	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Be ppm	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm
16305	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16306	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16307	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16308	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16309	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16310	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16311	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16312	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16313	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16314	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16315	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16316	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
GOWGANDA1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Sample No.	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	U ppm
59901	-10	5	-0.01	49	-10	8.0	11	13.0	15
59902	-10	-1	-0.01	59	33	8.0	13	16.0	9
59903	-10	1	0.02	34	-10	6.0	23	32.0	8
59904	-10	10	0.07	138	-10	5.0	38	10.0	14
59905	-10	24	-0.01	95	16	18.0	18	7.0	38
59906	-10	14	-0.01	70	19	27.0	32	18.0	17
59907	-10	-1	0.02	127	22	3.0	229	11.0	22
59908	-10	31	0.02	84	-10	11.0	48	16.0	48
59909	-10	-1	0.01	108	-10	6.0	28	8.0	20
59910	-10	-1	0.11	142	-10	20.0	54	8.0	14
59911	-10	-1	0.04	112	-10	11.0	33	7.0	21
59912	-10	-1	0.07	92	-10	9.0	165	7.0	15
59913	-10	4	0.02	82	18	16.0	23	7.0	30
59914	-10	1	0.03	43	-10	7.0	51	8.0	24
59915	-10	-1	-0.01	29	13	23.0	47	8.0	39
59916	-10	-1	-0.01	32	82	13.0	187	9.0	39
59917	-10	-1	-0.01	61	-10	8.0	26	8.0	44
59918	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
59919	-10	23	-0.01	1	-10	52.0	-1	-1.0	18
59920	-10	-1	-0.01	40	-10	3.0	18	13.0	42
59921	-10	-1	0.01	52	16	10.0	83	7.0	28
59922	-10	46	-0.01	11	-10	67.0	-1	-1.0	29

Sample No.	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	U ppm
59923	-10	13	-0.01	22	-10	47.0	9	4.0	28
59924	-10	-1	-0.01	41	21	20.0	9	6.0	17
59925	-10	3	-0.01	19	13	46.0	28	5.0	33
59926	-10	4	0.02	55	-10	160.0	41	7.0	21
59927	-10	10	-0.01	225	13	22.0	20	8.0	51
59928	-10	20	-0.01	55	-10	12.0	18	5.0	32
59929	-10	4	-0.01	39	52	7.0	29	8.0	22
59930	-10	14	-0.01	132	-10	12.0	22	17.0	26
59931	-10	26	0.01	109	-10	17.0	29	11.0	34
59932	-10	5	0.01	37	-10	7.0	8	6.0	19
59933	-10	10	-0.01	141	-10	14.0	22	9.0	25
59934	-10	40	-0.01	70	16	27.0	7	3.0	31
59935	-10	15	-0.01	143	19	33.0	18	9.0	39
59936	-10	34	-0.01	160	-10	29.0	15	8.0	38
40051	-10	2	-0.01	54	18	-1.0	-1	7.0	3
40052	-10	-1	0.2	202	33	11.0	109	15.0	7
40053	-10	13	-0.01	89	44	27.0	-1	19.0	11
40054	-10	46	-0.01	97	-10	75.0	-1	10.0	39
40055	-10	31	0.04	110	11	52.0	309	10.0	-2
40056	-10	25	0.04	189	11	31.0	20	14.0	5
40057	-10	4	0.05	168	11	24.0	36	28.0	-2
40058	-10	-1	0.04	97	27	11.0	1893	13.0	3
40059	-10	18	0.06	105	-10	5.0	34	13.0	-2
40060	-10	13	0.02	96	30	10.0	4	17.0	13
40061	-10	4	0.21	435	14	9.0	77	16.0	-2
40062	-10	15	0.06	172	-10	20.0	747	16.0	-2
40063	-10	9	0.07	116	15	13.0	33	10.0	6
40064	-10	48	-0.01	96	23	31.0	-1	8.0	41

Sample No.	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	U ppm
40065	-10	11	-0.01	97	-10	22.0	-1	20.0	15
40066	-10	39	-0.01	26	16	21.0	-1	8.0	29
40067	-10	-1	0.06	361	26	22.0	-1	27.0	-2
40068	-10	-1	0.08	181	36	9.0	210	15.0	4
40069	-10	-1	-0.01	79	42	5.0	-1	22.0	15
40070	-10	-1	-0.01	56	15	10.0	-1	38.0	-2
40071	-10	5	-0.01	62	31	14.0	-1	8.0	2
40072	-10	-1	-0.01	29	16	-1.0	-1	7.0	3
40073	-10	-1	0.03	46	-10	5.0	-1	18.0	-2
40074	-10	4	-0.01	21	-10	1.0	-1	4.0	-2
40075	-10	39	-0.01	106	-10	28.0	24	5.0	6
40076	-10	11	0.04	167	-10	18.0	41	10.0	3
40077	-10	10	0.02	144	88	47.0	6942	7.0	33
40078	-10	13	0.06	246	-10	15.0	77	12.0	-2
40079	-10	20	0.01	101	-10	25.0	236	7.0	5
40080	-10	-1	-0.01	70	21	2.0	11	11.0	6
40081	-10	5	-0.01	77	-10	9.0	46	4.0	-2
40082	-10	10	0.02	82	-10	8.0	10	18.0	-2
40083	-10	3	0.05	141	13	6.0	170	17.0	2
40084	-10	10	0.02	171	11	14.0	122	13.0	-2
40085	-10	15	-0.01	171	-10	24.0	255	8.0	12
40086	-10	31	0.03	275	-10	65.0	20	13.0	-2
40087	-10	38	0.02	114	-10	41.0	15	11.0	8
40088	-10	30	-0.01	133	-10	33.0	-1	7.0	28
40089	-10	22	0.01	66	-10	50.0	5	7.0	-2
40090	-10	14	-0.01	107	21	24.0	229	9.0	4
40091	-10	23	0.04	145	-10	9.0	107	14.0	7
40092	-10	18	-0.01	112	-10	17.0	18	3.0	8
40093	-10	17	-0.01	59	-10	20.0	23	14.0	6
40094	-10	12	-0.01	19	15	16.0	14	10.0	13
40095	-10	23	0.03	47	-10	21.0	11	11.0	-2
40096	-10	-1	0.07	137	-10	11.0	111	22.0	-2
ME-NP-001B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	31	N.A.	N.A.
ME-NP-002B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	11	N.A.	N.A.
ME-NP-003B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	12	N.A.	N.A.

Sample No.	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	U ppm
ME-NP-004B	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	32	N.A.	N.A.
ME-NP-001	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	199	N.A.	N.A.
ME-NP-002	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1220	N.A.	N.A.
ME-NP-003	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2540	N.A.	N.A.
ME-NP-004	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24	N.A.	N.A.
ME-NP-005	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	50	N.A.	N.A.
ME-NP-006	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	63	N.A.	N.A.
ME-NP-007	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	80	N.A.	N.A.
ME-NP-008	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	428	N.A.	N.A.
ME-NP-009	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	123	N.A.	N.A.
ME-NP-010	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	14	N.A.	N.A.
ME-NP-011	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	25	N.A.	N.A.
ME-NP-012	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	25	N.A.	N.A.
ME-NP-013	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24	N.A.	N.A.
ME-NP-014	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	73	N.A.	N.A.
ME-NP-015	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	33	N.A.	N.A.
ME-NP-016	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	58	N.A.	N.A.
ME-NP-017	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	37	N.A.	N.A.
ME-NP-018	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	15	N.A.	N.A.
ME-NP-019	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	33	N.A.	N.A.
ME-NP-020	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	15	N.A.	N.A.
ME-NP-021	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1550	N.A.	N.A.
ME-NP-022	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	45	N.A.	N.A.

Sample No.	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	U ppm
ME-NP-023	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	35	N.A.	N.A.
ME-NP-024	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	26	N.A.	N.A.
ME-NP-025	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	545	N.A.	N.A.
ME-NP-026	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	321	N.A.	N.A.
ME-NP-027	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	77	N.A.	N.A.
ME-NP-028	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	75	N.A.	N.A.
ME-NP-029	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	223	N.A.	N.A.
ME-NP-030	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	44	N.A.	N.A.
ME-NP-031	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	78	N.A.	N.A.
ME-NP-032	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	22	N.A.	N.A.
ME-NP-033	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	660	N.A.	N.A.
ME-NP-034	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	17	N.A.	N.A.
ME-NP-035	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	53	N.A.	N.A.
ME-NP-036	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	49	N.A.	N.A.
ME-NP-037	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6520	N.A.	N.A.
ME-NP-038	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	842	N.A.	N.A.
ME-NP-039	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	32	N.A.	N.A.
ME-NP-040	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	46	N.A.	N.A.
16292	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	104	N.A.	N.A.
16293	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	90	N.A.	N.A.
16294	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	56	N.A.	N.A.
16295	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	29	N.A.	N.A.
16296	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	28	N.A.	N.A.
16297	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	56	N.A.	N.A.
16298	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	37	N.A.	N.A.
16299	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	174	N.A.	N.A.
16300	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	671	N.A.	N.A.
16301	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	28	N.A.	N.A.
16302	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	17	N.A.	N.A.
16303	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	20	N.A.	N.A.
16304	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	35	N.A.	N.A.

Sample No.	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	U ppm
16305	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	48	N.A.	N.A.
16306	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	53	N.A.	N.A.
16307	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	43	N.A.	N.A.
16308	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	172	N.A.	N.A.
16309	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	30	N.A.	N.A.
16310	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	26	N.A.	N.A.
16311	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	13	N.A.	N.A.
16312	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	25	N.A.	N.A.
16313	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	48	N.A.	N.A.
16314	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	47	N.A.	N.A.
16315	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	327	N.A.	N.A.
16316	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	15	N.A.	N.A.
GOWGANDA1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Table 6: Anomalo[illegible]rospecting Samples

Sample #	East Nad27 z17	North Nad27 z17	Description
16292	555411.49	5287738.92	Waste pile rock from trench way point 30 to 31. Carbonate vein hosting cpy, py and malachite.
16293	555411.24	5287735.18	3.5cm carbonate vein hosting hematite py, and cobalt bloom. From trench 30 to 31
16294	555366.92	5287661.22	Carbonate vein with cpy, py, hematite located in waste pile from pit waypoint 029
16295	555348.24	5287637.31	Vein located in waypoint# 038 pit . 3cm to 4cm wide quartz vein hosting cpy, py, hematite. Strikes 38 dips 84
16296	555304.01	5287582.05	4cm carbonate vein with cobalt bloom located in waste pile from waypoint #039 pit
16299	555269.33	5287618.64	Carbonate vein from waypoint #045 pit. Contains small amounts of py
16300	555278.01	5287649	4cm vein with hematite, py. Found in waste pile from waypoint pit #44
16301	554849.72	5287713.57	10cm quartz vein in rubble pile on side of cliff. No vein seen in outcrop. Vein found in outcrop to the north. Sample # 16303, Py, malachite
16303	554884.15	5287838.62	10cm quartz vein on cliff edge. Lots of py. Strike 350 dip 89
16304	555735.98	5287751.24	5 to 10cm vein, cpy, py, malachite from pit waypoint #46
16305	556089.18	5287669.62	Quartz vein from waste pile from trench waypoints #47, 48.Py, malachite
16306	556083.34	5287663.02	Quartz vein from waste pile from trench waypoints #47, 48. Vein contains py, malachite, hematite
16307	556069.52	5287643.64	5cm quartz vein from waypoints #47,48 trench. Py, malachite, hematite. strike 49 dip 88
16308	556066.17	5287643.32	Quartz vein from waste pile from trench waypoints #47, 48. Vein is 3cm to 8 cm wide, with py, malachite. Strike 50 dip 89
16309	556048.83	5287656.49	Quartz vein from rubble pile in trench waypoints #49,50. Vein contains py, hematite
16310	556004.87	5287213.6	3cm vein from waypoint #053 pit. Py in vein, strikes 44 dips 82
16312	554888.99	5287838.99	5cm quartz vein, same vein as sample #16303,16311. Py,malachite in vein.
16313	554885.95	5287855.17	Carbonate vein running 90 deg to vein in sample #16312. Py, malachite in vein. Small pit 2m x 2m x 1m deep. strike 90 dip 89
16314	555089.83	5287960.29	5cm vein py, malachite, from trench waypoints #55 to 56. Vein strikes 258 dips 88 east
16315	554580.57	5285697.84	Approx 15cm cpy-rich, qtz-cal-cpy vein, no spec hem, in a 50cm wide zone of strong fracturing/jointing, vein oriented at 257/86N
16316	554645.95	5285723.44	Sample is from waste pile of the adjacent shaft, sample is qtz-rich, <10% cal and contains lots of bornite 10% with 5% cpy, no spec hem
40053	554145.64	5288267.74	5 to 10cm wide carbonate vein in diabase, ~3% cpy, other veinlets over 1m total. Strike 246, dip 70 to N, outcrop
40054	554107.34	5288232.71	Old trench, 4 cm wide quartz-carbonate vein, ~3% chalcopyrite, strike 250, dip 80 to N, bedrock
40055	553963.77	5287474.65	Cemented shaft, carbonate veins 2 to 10cm wide, some chalcopyrite, waste pile, diabase
40056	554078.4	5287427.73	Some carbonate, ~0.5% chalcopyrite, waste pile
40058	555281.89	5287667.24	Carbonate stringers in diabase, some chalcopyrite, bedrock, strike 196, dip 70 to ESE
40060	553492.45	5287386.47	Discovery shaft? Waste pile, quartz carbonate diabase, ~3% chalcopyrite
40063	554528.52	5286853.46	Quartz carbonate in waste pile, pieces up to 20 cm wide, veinlets 1 to 3 cm wide, chalcopyrite, cobalt bloom, strike 248, dip 80 S
40064	553628.64	5287998.91	Quartz carbonate vein in waste pile, 10 to 20 cm in size, pit or shaft?, ~2 to 3% chalcopyrite, diabase
40065	553630	5287995	Diabase carbonate mix, waste pile, chalcopyrite, ~2% py, pit or shaft?
40066	553612.39	5287987.37	Quartz carbonate vein in waste pile up to 20 cm in size, ~5% chalcopyrite
40067	554286.9	5288828.86	Quartz carbonate vein, 10 cm wide, ~1% chalcopyrite, bedrock, diabase, strike 300, dip 88 to SW
40068	554147.14	5288293.71	2 cm rusty zone in diabase, some malachite stain, magnetite, bedrock, strike 348, dip 88 to WSW
40069	554629.04	5285708.6	Beaver pond project, carbonate vein 5 cm wide, ~3% chalcopyrite in diabase/strike 250, dip 80 to S, 50 m trench outcrop

Table 6: Anomalous Prospecting Samples

Sample #	East Nad27 z17	North Nad27 z17	Description
40070	554626.56	5285708.46	Approx 2 to 3% chalcopyrite in aplite dykelets in diabase, waste rock from trench
40071	554641.26	5285718.86	Approx 3% bornite, chalcopyrite, in 20 to 30 cm pieces of quartz carbonate magnetite, waste pile
40076	554398.87	5286136.97	Paramount shaft "cemented", qtz-carb-cpy-galena in diabase, waste pile
40077	554414.09	5286136.12	Approx 3% chalcopyrite in quartz carbonate, waste pile
40078	554416.49	5286135.53	Magnetite veining in places, chalcopyrite, cobalt bloom, waste pile
40079	554866.91	5286682.37	Chalcopyrite, magnetite, cobalt bloom, quartz, carbonate in diabase, old pit and trench, trench orientation 214 and 25 m long
40080	554365.53	5286363.76	30 cm wide quartz carbonate vein and veinlets (silicified), magnetite, 3% pyrite, old trench, bedrock, strike 210, dip 78 SE
40081	554362.77	5286370.13	Approx 2% chalcopyrite in quartz carbonate, some cobalt bloom
40082	554364.33	5286374.16	Some py and chalcopyrite, silicified, some pink granitic parts
40084	554337.13	5285882.06	Recently stripped and trenched area, 100 m long, with 5 cm wide carbonate+/- cpy vein. Vein is sheared, in diabase, strike 268, dip 86 to S
40085	554291.28	5285860.41	Cobalt bloom, chalcopyrite in diabase, silicified slightly. many fractures and veinlets here, waste pile
40087	553992.1	5285593.67	Quartz carbonate vein 5 cm wide, with minor cobalt bloom, 1% py and cpy, malachite and blue stain, old pit. Vein strikes 200, dips 80 to W
40088	553941.33	5285657.11	Pyrrhotite, chalcopyrite, cobalt bloom in granophyre in diabase. Old pit and trench 100 m long, strike 200, dip 90, waste rock
40089	554939.58	5286638.05	Quartz carbonate veining and veinlets in an area 30 to 40 cm wide, ~1% chalcopyrite, cobalt bloom, magnetite, outcrop
40090	554972.28	5287030.91	2 cm quartz carbonate vein, ~1% cpy, Silver Fox shaft? Waste rock, strike 260 and 230, dip 86 to S, shaft at 0555104E,5287168N, fenced barbed wire
40092	555128.45	5287196.44	10 cm quartz carbonate vein, chalcopyrite, trench, bedrock, strike 240, dip 80 to S, Old boiler, shaft cribbed
40093	555253.5	5287494.07	Shaft waste pile, 2 to 4 cm quartz carbonate veins in pink granite to diabase, ~3% chalcopyrite, 1 cm veinlets of magnetite
40094	555247.18	5287491.93	Shaft waste pile, quartz carbonate vein 4 cm wide, ~2% cpy, aplite wall rock
40095	555442.32	5287788.12	Silver Jackpot Shaft head frame, magnetite, some chalcopyrite, aplite/diabase, waste pile
40096	555638.83	5286611.24	4 cm alteration zone in diabase, some chalcopyrite, old trench, bedrock, strike 240, dip 80 to S
59901	554920	5288152	Cobalt bloom-rich portion of a cpy-cal-qtz-cobalt vein, ~7cm wide in weakly magnetic Nipissing diabase, vein at 32°/86°E, the sample contains lesser amounts of cpy and is more calcite than qtz-rich, cpy ~10%, from the 22 g/t trench.
59902	554919	5288151	Chip sample across same vein as 59901 but the vein at this location is very cpy-rich, sample is moderately weathered, and is ~60% cpy, from the 22 g/t trench.
59904	554920	5288157	1-2cm wide qtz-hematite (specular)-cpy-calcite vein, vein has abundant cpy, ~5%, but is composed mostly of specular hematite rosettes. Sample is ~50% vein and ~50% wall rock. Vein is at 121°/87°W, from the 22 g/t trench.
59905	554921	5288163	8cm wide cpy-rich (~35%) qtz-cal vein in Nipissing diabase, some brittle shearing in vein and wall rock. Surface has good early horizontal lineation (fault striae) dipping 9° to the south, vein is at 324°/88°E, from the 22 g/t trench.
59906	554921	5288164	Another vein very close to that in 59905 and truncates the 59905 vein, the vein in this sample is at 30°/80°E and is thin, ~1cm wide. The vein is very cpy-cal-rich with minor qtz and lots of malachite staining, from the 22 g/t trench.
59907	554918	5288167	12cm wide vein or altn zone or vein breccia of the Nipissing diabase. This the same vein and in same orientation as #59905, but at this location the vein is composed of equal parts of granular specular hematite and cpy with very little qtz or calcite.
59908	554910	5288177	Same vein as 59905 but now the vein is only 2.5cm wide and is composed of specular hematite rosettes. The vein is still cpy-rich ~20%, with ~60% composed of hematite and the rest is vuggy qtz crystals and minor calcite, the vein is now oriented at 150°
59909	554920	5288190	2.5 cm specular hematite-rich "rosettes" hem>qtz>cal>cpy vein, cpy only ~2.5%, vein is at 343°/85°W, from the 22 g/t trench

Sample #	East Nad27 z17	North Nad27 z17	Description
59913	554970	5288469	Main Merico vein ~15cm wide, just before it blows out into a 40cm thick coarse-grain calcite blob, sample is qtz-cpy-rich, ~35% cpy, with relatively little specular hematite
59914	554992	5288471	Northern splay vein off the main Merico vein, vein is oriented at 260°/65°N and is ~11cm wide with local specular hematite rosettes, cpy ~5%, py ~3%
59915	555024	5288469	Main Merico vein, ~15cm wide, cpy-rich, but still quite hematite-rich (rosettes), sample is rather weathered, most calcite is gone and there is a lot of malachite staining, vein is oriented 270°/66°N at this location
59916	555049	5288496	Almost pure cpy vein, ~75%, rest is qtz, only minor calcite, and less than 5% specular hematite. Sample is from the northern splay vein off the main Merico vein, with is ~17cm wide and oriented at 282°/60°N
59917	555050	5288496	Same vein as 59916 and only ~0.75m away, but the vein has taken a jog and is now oriented at 171/83W. Composed of almost pure specular hematite (nodular) with only ~5% cpy, and virtually no qtz or cal, vein is ~12cm wide at this location
59920	555094	5288488	Main Merico vein, ~35cm wide at 267/63N, sample is of central py-rich portion of the vein, almost massive py ~70% with remaining consisting of vuggy qtz and 1-2% cpy, all calcite is weathered away
59921	555149	5288498	Qtz-cal-cpy vein with minor specular hematite (main Merico vein), vein is ~11cm wide and at 274°/82°N at this location, sample is 100% vein material
59922	555185	5288529	Mostly calcite with ~3% coarse-grain blebby cpy, but also with a 1cm red hematite-qtz-cpy laminae, sample is from the center of a strongly laminated 45cm wide vein at 262°/78°N, from the most SW trench along the access road
59923	555185	5288529	Same vein as 59922 but from the northern edge, comprising a specular hematite laminae with coarse-grain rosettes, sample is ~40% c.g. calcite and ~50% hematite with ~10% c.g. cpy. Cpy occurs in the calcite along the edge of the hematite laminae, from th
59924	555196	5288544	Hematite-rich (mini specular hematite rosettes) ~60%, vuggy qtz ~25%, calcite ~10% (mostly weathered away) and ~5% cpy (associated with the qtz). Sample is from the most NW trench along the access road, vein is bending in the trench but central orientat
59925	555214	5288550	From the 2nd NW trench along the access road, sample is from the center of a hematite-rich highly weathered vein (~60cm wide) at 270/77N (same vein as 59924), the sample is ~25% hematite, ~15% cpy, ~25% qtz, and ~35% calcite, the vein minerals are zoned
59926	554940	5288470	Approx 10cm wide qtz-cal (~50/50) cpy-rich ~20% "in vein" with ~3% specular hematite, sample is ~65% vein rest is diabase wall rock, from the Merico shaft waste pile
59927	554348.01	5288313.99	6cm cal>qtz>cpy>chl vein, about 20% of sample is vein, rest consists of alt. diabase. Sample is a bit unique, no hematite but instead it has clots of massive chlorite, cpy is also rather spherical in texture, from Ethel mine waste pile
59928	554362.01	5288310.99	Pure vein material, sample is ~15x15cm and is composed of ~60% mini specular hematite rosettes, 1-2% cpy and the rest is calcite, from Ethel mine waste pile
59929	554364.01	5288314.99	Sample is ~55% vein and ~45% unaltered. Wall rock, vein is qtz-rich with lesser amounts of cal and lots of cpy and bornite in equal portions ~15% overall, from Ethel mine waste pile
59930	554352.01	5288354.99	Chl "moderate" alt. diabase with cal-cpy + minor qtz and bornite veinlets cross cutting it, almost stockwork texture, from Ethel mine waste pile
59931	554355.01	5288357.99	Cal-qtz-py-hem (red and specular) vein breccia, wall rock clasts are slightly bleached (altd), the majority of the hematite is red, sample is mostly wall rock fragments ~70%, and 30% vein (matrix), from Ethel mine waste pile
59932	554361.01	5288362.99	Qtz-rich cal-py vein block, sample is 100% vein material, vein contains some highly silicified(?) diabase wall rock fragments, cpy ~5%, from Ethel mine waste pile
59933	554363.01	5288359.99	Approx 5 cm wide laminated cal-hem (specular) and cpy-qtz vein, sample is 40% vein and 60% wall rock diabase, from Ethel mine waste pile

Table 6: Anomalous Prospecting Samples

Sample #	East Nad27 z17	North Nad27 z17	Description
59934	554352.01	5288310.99	Cal-rich chunk of pure vein material, with minor qtz and ~4% cpy and ~4% bornite, from Ethel mine waste pile
59935	554350.01	5288309.99	Approx 30% wall rock diabase, with 70% cpy-rich vein; locally massive with semi-spherical textures, rest of vein minerals is chl>cal>qtz. The spherical cpy is hosted in almost pure chl in many cases, vein also contains very little to no hematite, simila
59936	554360.01	5288312.99	Calcite-rich vein with coarse-grain cpy ~15%, no hematite, 1-2% bornite, sample is ~25% wall rock diabase, from Ethel mine waste pile
ME-NP-001	554977.82	5287027.77	Very c.g cpy-rich-bornite vein in m.g. diabase, non magnetic,. Vein is also surrounded by 1-3cm cal altn halo, possibly some blades of barite in the cal-rich vein, qtz not that abundant, contains minor py, cpy>bornite>py, sample is ~50% vein and vein i
ME-NP-002	554975.37	5287034.48	3-2cm qtz-cpy +/- cal vein in extensional joint in the diabase, vein jogs in joints from 27/72E to 269/87N, from bedrock in wall of the pit
ME-NP-003	554985.06	5287037.92	Bornite + cpy vein with minor cal-qtz. Vein is ~2cm wide from rubble pile of trench
ME-NP-004	554948.87	5286611.12	8cm wide, well laminated, cal-rich, cal-qtz-spec-hem-cpy-bornite-py vein, red hematite, no significant alteration of the wall rock, from the waste used to build the logging road most likely from the nearby shafts
ME-NP-005	554948.78	5286608.57	Large aggregate sample of vein material, chips, from throughout the waste which was used to make the logging road between the two shafts. The sample is cal-rich with ~3% cpy, ~0.5% bornite, trace py, ~5% hem and ~20% qtz, contains ~10% diabase wall rock
ME-NP-006	554864.19	5286686.07	4cm thick QV with local blebby cpy ~2% and only minor cal (<3%) in diabase with a 1-2cm bleached out "pinkish" (carb-Na? alt.) halo, could be sliced for a rep sample, sample is form adjacent shafts waste pile, sample is also ~50% wall rock.
ME-NP-007	554863.44	5286686.02	Qtz-rich, qtz-cal-cpy vein with weak 1cm bleached alt. halo in diabase. From waste pile of the adjacent shaft, sample is ~65% vein little or no hem, but dark laminations may contain hem and or chl
ME-NP-013	554687.76	5287093.21	Large aggregate grab sample of all types of cal-qtz-cpy-bornite veins in the waste pile, sample has ~15% wall rock, from waste pile of the Silver Fox Shaft
ME-NP-014	554687.93	5287091.71	Interesting cpy-rich (~60%), cal-qtz vein with well defined 1 5cm wide bleached altn halo and another weaker altn halo ~2cm wide and then unaltered rock, from waste pile of Silver Fox Shaft
ME-NP-015	554696.8	5287091.54	Qtz-rich (75% of vein) qtz-cal-cpy-bornite vein from Silver Fox waste pile, sample has ~20% wall rock
ME-NP-017	554522.09	5286876.76	Aggregate grab sample from waste pile of adjacent shaft, c.g. cal-rich, minor qtz and minor c.g. cpy, no hem and no bornite, ~15% of sample is diabase wall rock
ME-NP-019	554521.74	5286872.82	3cm qtz-rich (~twice as much as calcite) cpy-rich (~60%) cpy-qtz-cal vein, sample is ~40% wall rock from waste pile of adjacent shaft, it should be noted that this vein type is very rare in the waste pile
ME-NP-020	555119.36	5287188.1	Vein in trench, hosted in zone of (1.5m wide) strong jointing/fracturing at 48/74S but splays off in another joint orientation (22/86S), vein is cal-rich but finer grain than typical, ~5% cpy, ~3% c.g. subhedral py, ~1-2% bornite and some odd chl clots,
ME-NP-021	555109.39	5287175.12	2.5cm vein in well laminated cal-rich, qtz-cal vein with 2-3% cpy and ~1/2% galena, also some actinolite, sample is ~75% vein, rest is wall rock from trench rubble pile
ME-NP-022	555116.26	5287162.32	Aggregate grab sample from adjacent shaft waste pile, sample is ~90% vein which is rather cal-rich with overall more bornite than cpy, no spec hem
ME-NP-023	555100.17	5287166.7	Large piece of blast rock near shaft, sample is qtz-rich, qtz-cal vein to vein breccia with some zones which appear to have alt. flooded diabase, sample has ~8% cpy, ~1% bornite no spec hem
ME-NP-025	555435.85	5287797.92	Cal-rich, qtz-cal-hem-cpy-bornite vein in adit at Silver Jackpot, vein is 3-5cm wide and at 216/83, the adit appears to be sunk along this vein
ME-NP-027	555397.95	5287823.72	Far NW of trench, cpy-rich vein leading to Silver jackpot adit, ~1-2cm wide in a 30cm wide zone of strong jointing

Table 6: Anomalous Prospecting Samples

Sample #	East Nad27 z17	North Nad27 z17	Description
ME-NP-029	555348.21	5287034.76	Chip sample along vein in both the E-W and N-S orientations, vein width varies from 1-3cm, veins consist of vuggy qtz, qtz-cal-cpy with trace spec hem
ME-NP-033	553373.84	5288392.83	Qtz-rich, qtz-cal-spec hem-cpy veining from waste pile of adjacent pit, spec hem has good rosetta textures, sample is a composite grab sample from the waste pile, veining ranges from 1 to 5cm wide, sample is ~25% diabase wall rock
ME-NP-036	556004.86	5287606.25	1.5cm cal-rich cal-c.g. cpy-spec hem "rosette textured" vein, trace qtz, from blast rubble. Vein is joint hosted
ME-NP-037	556008.04	5287583.38	1.5cm qtz-cal (~50/50) cpy-spec hem vein from outcrop oriented at 269/85
ME-NP-038	556010.67	5287577.86	8cm wide, v. spec hem-rich "nodular" and cpy-rich "matrix" in dogtooth qtz vein with minor calcite, vein is predominantly sulphides and oxides and orientated at 332/85, from outcrop
ME-NP-039	554334.23	5285875.43	5cm wide cobalt bloom, qtz-cal vein, trace cpy.
ME-NP-040	554316.19	5285865.14	4cm qtz-cal-cpy-rich vein just before it joints the ~70/70 cal-rich main vein

N.M. - not measured
N.A. - not analyzed
"- " indicates below detection limit

Table 6: Anomalous Prospecting Samples

Sample #	Outcrop or Boulder	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Zn ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm	Be ppm
16292	Waste Pile	4.46	2.8	0.58	66	84	104	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16293	Outcrop	1.47	12.4	1.74	2160	1760	90	15	4370	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16294	Waste Pile	7.44	8.2	1.41	255	147	56	1	541	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16295	Outcrop	2.035	21.2	8.52	11600	920	29	41	18300	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16296	Waste Pile	0.22	2.8	0.11	3060	624	28	23	5070	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16299	Outcrop	0.01	2.4	0.16	286	61	174	10100	68	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16300	Waste Pile	0	10.8	0.94	5240	187	671	57300	240	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16301	Rubble	0.02	13.7	2.87	960	262	28	221	3060	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16303	Outcrop	0.25	43	4.00	371	118	20	13	603	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16304	Outcrop	0.11	90	6.69	2020	262	35	43	4110	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16305	Waste Pile	4.8	8.4	5.63	15	10	48	3	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16306	Waste Pile	1.97	14.6	2.77	16	27	53	1	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16307	Outcrop	4.445	7.1	6.64	4	11	43	371	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16308	Outcrop	8.335	18.6	5.27	26	15	172	9	77	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16309	Rubble	1.05	22.8	2.88	5	25	30	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16310	Outcrop	0.46	125	16.28	340	77	26	1	952	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16312	Outcrop	0.34	101	5.14	450	121	25	9	863	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16313	Outcrop	0.06	4.8	5.60	604	86	48	1	228	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16314	Outcrop	0.07	20.3	0.41	3640	1010	47	1	6240	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16315	Outcrop	0.03	3.6	17.82	700	116	327	1	1310	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16316	Waste Pile	0.07	85	10.30	614	112	15	1	1180	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
40053	Outcrop	0.21	1.8	10.02	3675	395	0	36	264	-0.005	-0.005	N.A.	1.19	-10	-0.5
40054	Outcrop	1.005	-0.2	3.83	66	59	0	21	-5	-0.005	0.02	N.A.	1.35	-10	-0.5
40055	Waste Pile	0.02	0.2	0.33	296	65	309	2507	44	0.01	-0.005	N.A.	1.46	-10	-0.5
40056	Waste Pile	0.07	15.6	2.30	987	134	20	164	884	-0.005	0.01	N.A.	2.27	14	-0.5
40058	Outcrop	0.01	0.9	0.25	259	69	1893	9770	18	-0.005	0.01	N.A.	2.15	10	0.6
40060	Waste Pile	0.05	26.3	7.24	10900	971	4	734	11000	-0.005	-0.005	N.A.	0.99	-10	-0.5
40063	Waste Pile	0.02	5.9	2.79	7690	1035	33	52	9053	-0.005	-0.005	N.A.	1.73	-10	-0.5
40064	Waste Pile	0.04	1.5	6.27	369	99	0	23	28	-0.005	-0.005	N.A.	0.9	-10	-0.5
40065	Waste Pile	0.1	-0.2	2.04	3167	155	0	15	41	-0.005	-0.005	N.A.	1.15	-10	-0.5
40066	Waste Pile	0.03	6.9	9.74	465	23	0	54	-5	-0.005	-0.005	N.A.	0.12	-10	-0.5
40067	Outcrop	0.04	-0.2	1.02	38	170	0	6	-5	-0.005	-0.005	N.A.	2.5	-10	-0.5
40068	Outcrop	0.51	13.2	2.49	487	243	210	5	10	0.01	0.01	N.A.	4.86	12	-0.5
40069	Outcrop	0.79	14	13.48	3254	347	0	83	4212	-0.005	-0.005	N.A.	1.22	-10	-0.5

Table 6: Anomalous Prospecting Samples

Sample #	Outcrop or Boulder	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Zn ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm	Be ppm
40070	Waste Pile	0.74	34	4.84	1288	147	0	44	1480	-0.005	-0.005	N.A.	0.97	-10	-0.5
40071	Waste Pile	0.14	129.7	12.66	2461	280	0	59	2516	-0.005	-0.005	N.A.	0.43	-10	-0.5
40076	Waste Pile	0.01	39.3	0.80	2043	264	41	7672	1547	-0.005	0.01	N.A.	1.24	-10	-0.5
40077	Waste Pile	0.01	62.8	3.67	10400	1639	6942	13600	12800	-0.005	0.01	N.A.	1.23	-10	-0.5
40078	Waste Pile	0.01	151.5	0.14	6574	5505	77	111	12900	-0.005	0.03	N.A.	1.98	-10	-0.5
40079	Outcrop	0.02	121.4	5.97	1325	218	236	52	1604	-0.005	-0.005	N.A.	0.73	-10	-0.5
40080	Outcrop	0.02	12.1	4.84	1423	215	11	15	2220	-0.005	-0.005	N.A.	0.75	-10	-0.5
40081	Outcrop	0.04	87.3	3.07	6636	1593	46	52	12700	-0.005	-0.005	N.A.	0.67	22	-0.5
40082	Outcrop	0.01	12.9	1.10	665	132	10	15	561	-0.005	-0.005	N.A.	0.87	-10	-0.5
40084	Outcrop	0.02	90.2	6.60	9588	1852	122	45	17700	-0.005	-0.005	N.A.	1.61	16	-0.5
40085	Waste Pile	0.01	48.2	3.47	5445	719	255	77	7713	-0.005	-0.005	N.A.	1.73	-10	-0.5
40087	Outcrop	0.03	3.1	2.08	1556	365	15	10	1901	-0.005	-0.005	N.A.	0.99	-10	-0.5
40088	Waste Pile	0.06	3.6	2.10	10800	25800	0	0	44600	0.01	0.01	N.A.	1.02	-10	-0.5
40089	Outcrop	0.49	-0.2	1.14	395	123	5	0	502	-0.005	0.01	N.A.	0.61	-10	-0.5
40090	Waste Pile	0.3	>200.0	3.20	4194	652	229	274	5163	-0.005	-0.005	N.A.	1.46	-10	-0.5
40092	Outcrop	0.86	96	5.21	9774	1512	18	121	11600	-0.005	-0.005	N.A.	0.98	-10	-0.5
40093	Waste Pile	2.595	2.1	4.03	555	59	23	8	295	-0.005	-0.005	N.A.	0.83	-10	-0.5
40094	Waste Pile	0.36	2.3	5.38	125	21	14	5	127	-0.005	-0.005	N.A.	0.07	-10	-0.5
40095	Waste Pile	2.68	50.1	0.80	565	114	11	3	649	-0.005	0.01	N.A.	0.82	-10	-0.5
40096	Outcrop	0.65	9.1	0.55	311	101	111	0	556	-0.005	-0.005	N.A.	1.93	14	-0.5
59901	outcrop	3.73	46.5	2.73	7897	3663	11	774	13200	-0.005	-0.005	-2	0.66	-10	0.5
59902	outcrop	3.29	31	12.90	5325	932	13	244	2321	-0.005	-0.005	4	0.45	15	-0.5
59904	outcrop	0.34	0.6	0.38	62	65	38	28	19	-0.005	-0.005	-2	2.71	28	0.6
59905	outcrop	1.165	20	8.72	4839	835	18	190	5129	-0.005	-0.005	4	1.12	31	-0.5
59906	outcrop	0.47	8.6	8.60	1679	190	32	157	1325	-0.005	-0.005	3	1.45	33	0.5
59907	outcrop	4.155	109.6	8.08	7027	738	229	104900	7553	-0.005	-0.005	4	1.45	12	-0.5
59908	outcrop	0.01	4.3	2.42	553	135	48	1623	57	-0.005	-0.005	2	2.91	17	0.6
59909	outcrop	2.35	7	0.97	945	159	28	604	751	-0.005	-0.005	3	1.74	25	-0.5

Sample #	Outcrop or Boulder	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Zn ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm	Be ppm
59913	outcrop	5.53	5.2	6.82	1477	236	23	168	309	-0.005	-0.005	3	1.21	11	-0.5
59914	outcrop	1.63	2.9	2.12	56	42	51	88	-5	-0.005	-0.005	3	1.26	15	-0.5
59915	outcrop	12.34	4.8	5.76	4359	143	47	136	111	-0.005	-0.005	4	0.41	15	-0.5
59916	outcrop	0.62	10.4	23.68	7934	397	187	586	3028	0.01	0.01	3	0.2	11	-0.5
59917	outcrop	2.47	1.6	1.53	10100	253	26	94	226	-0.005	0.01	-2	0.52	15	-0.5
59920	outcrop	2.28	3.7	1.36	764	74	18	82	7	-0.005	-0.005	3	0.23	13	-0.5
59921	outcrop	9.88	11.8	5.56	2312	85	83	139	89	-0.005	-0.005	-2	1.87	20	-0.5
59922	outcrop	0.95	0.9	0.74	18	6	0	20	-5	-0.005	-0.005	-2	0.07	-10	-0.5
59923	outcrop	1.685	1.2	3.72	28	8	9	78	-5	-0.005	-0.005	-2	0.08	-10	0.7
59924	outcrop	5.9	2.1	3.31	26	12	9	78	-5	-0.005	-0.005	-2	0.4	-10	-0.5
59925	outcrop	0.855	1.1	6.82	12	6	28	113	-5	-0.005	-0.005	-2	0.1	-10	0.8
59926	rubble	1.08	1.1	4.99	403	50	41	88	-5	-0.005	0.01	-2	0.91	-10	-0.5
59927	rubble	3.11	9.3	9.04	619	220	20	154	186	-0.005	-0.005	3	2.86	16	0.6
59928	rubble	1.33	0,6	0.79	48	49	18	20	-5	-0.005	-0.005	-2	1	-10	-0.5
59929	rubble	2.74	99.3	18.04	61	44	29	237	-5	-0.005	-0.005	3	0.87	-10	-0.5
59930	rubble	0	16.5	2.80	20	85	22	51	-5	-0.005	-0.005	-2	2.13	11	-0.5
59931	rubble	0.69	9.9	3.81	60	84	29	61	-5	-0.005	-0.005	-2	2.07	12	0.5
59932	rubble	0.85	2.3	1.76	48	32	8	40	-5	-0.005	-0.005	3	0.65	-10	-0.5
59933	rubble	0.16	1.9	2.09	184	141	22	38	-5	0.01	0.02	-2	2.21	15	1.2

Table 6: Anomalous Prospecting Samples

Sample #	Outcrop or Boulder	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Zn ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm	Be ppm
59934	rubble	3.36	34.7	11.13	96	50	7	143	10	-0.005	-0.005	4	0.61	-10	-0.5
59935	rubble	0.15	3.1	9.98	2049	385	18	156	166	-0.005	-0.005	3	2.56	32	0.6
59936	rubble	0.87	2.3	3.26	236	113	15	56	-5	-0.005	-0.005	3	2.15	19	0.7
ME-NP-001	rubble	0.51	118	7.37	4850	978	199	142	8140	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-002		1.955	89.2	6.13	2860	266	1220	1860	2620	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-003	rubble	0.3	590	20.37	7400	1530	2540	3190	14800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-004	rubble	0.32	2.8	0.25	254	63	24	35	495	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-005	rubble	0.25	3.2	1.00	274	68	50	28	413	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-006	rubble	0	8	0.38	718	160	63	11	1370	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-007	rubble	0.29	99.6	3.72	10700	2160	80	50	18700	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-013	rubble	0.25	21.6	4.95	884	127	24	30	1300	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-014	rubble	0.01	2.8	3.31	1190	83	73	37	42	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-015	rubble	2.68	18	8.38	1350	183	33	12	2130	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-017	rubble	0.03	10.8	5.23	2450	314	37	39	3080	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-019	rubble	0.08	29.2	9.75	2120	393	33	33	4070	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-020	outcrop	0.61	75.4	5.45	1700	266	15	10	3220	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-021	rubble	0.01	2	0.08	50	43	1550	3360	23	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-022	Waste Pile	1.12	66.4	5.34	6920	1040	45	76	10100	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-023	Waste Pile	0.19	6.8	1.48	1640	358	35	31	2820	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-025	outcrop	1.395	3.2	2.65	41	29	545	7	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-027	outcrop	1.05	0.9	2.26	46	28	77	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Table 6: Anomalous [illegible]specting Samples

Sample #	Outcrop or Boulder	Au g/t Ave	Ag g/t	Cu %	Co ppm	Ni ppm	Zn ppm	Pb ppm	As ppm	Pt g/t	Pd g/t	Te ppm	Al %	Ba ppm	Be ppm
ME-NP-029	outcrop	0.07	11.3	2.87	187	45	223	210	34	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-033	Waste Pile	0.57	4	1.24	198	87	660	5	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-036	rubble	0	0.9	3.22	4	1	49	1	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-037	outcrop	0	1333	1.90	411	133	6520	7600	207	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-038	outcrop	3.25	70.6	13.26	69	22	842	46	-5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-039	outcrop	0.03	27.2	0.70	14000	1600	32	59	22500	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-040	outcrop	0	53.5	9.12	8000	758	46	4	12900	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Table 6: Anomalous Prospecting Samples

Sample #	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %
16292	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16293	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16294	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16295	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16296	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16299	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16300	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16301	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16303	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16304	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16305	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16306	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16307	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16308	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16309	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16310	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16312	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16313	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16314	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16315	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16316	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
40053	-5	11.44	-1	75	13.63	0.01	1.51	1997	-2	0.08	239	-5	17	-10	13	-0.01
40054	-5	>15.00	-1	61	10.37	-0.01	5.03	>10000	-2	0.08	46	-5	26	-10	46	-0.01
40055	17	>15.00	-1	56	4.2	0.02	1.78	1798	-2	0.07	87	-5	16	-10	31	0.04
40056	33	9.77	-1	52	7.5	0.07	2.39	4154	10	0.15	206	-5	27	-10	25	0.04
40058	9	8.96	4	100	5.91	0.02	2.52	1255	-2	0.08	88	-5	14	-10	-1	0.04
40060	81	6.7	-1	60	>15.00	0.03	0.93	1125	21	0.11	61	14	10	-10	13	0.02
40063	20	5.61	-1	74	6.86	0.03	2.11	1577	12	0.1	147	14	13	-10	9	0.07
40064	-5	>15.00	-1	27	11.86	-0.01	3.9	>10000	-2	0.07	414	-5	41	-10	48	-0.01
40065	-5	7.48	-1	166	10.91	0.01	1.72	2488	-2	0.1	48	-5	13	-10	11	-0.01
40066	-5	>15.00	-1	15	12.1	-0.01	0.61	5167	-2	0.07	-10	6	34	-10	39	-0.01
40067	-5	3.22	-1	209	8.32	0.01	2.68	573	-2	0.08	194	6	11	-10	-1	0.06
40068	-5	0.57	-1	118	14.61	0.05	7.24	961	-2	0.08	126	12	19	-10	-1	0.08
40069	-5	1.8	-1	142	>15.00	0.01	1.61	573	-2	0.07	67	23	13	-10	-1	-0.01

Table [illegible]: Anomalous Prospecting Samples

Sample #	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %
40070	-5	3.02	-1	147	7.54	-0.01	1.27	737	-2	0.09	343	11	8	-10	-1	-0.01
40071	-5	11.7	-1	98	8.81	0.01	0.57	1693	23	0.06	29	13	13	-10	5	-0.01
40076	46	14.23	-1	54	5.93	0.03	1.29	1564	31	0.07	201	22	13	-10	11	0.04
40077	82	4.13	-1	66	11.37	-0.01	1.64	1636	448	0.06	2405	50	13	-10	10	0.02
40078	467	9.19	-1	64	5.61	0.05	1.9	1487	141	0.1	262	52	20	-10	13	0.06
40079	216	11.91	-1	108	7.14	0.04	0.94	3804	21	0.09	86	1422	25	-10	20	0.01
40080	-5	0.96	-1	169	8.44	0.01	0.87	396	24	0.06	125	35	10	-10	-1	-0.01
40081	102	1.11	-1	186	5.3	0.02	0.78	537	113	0.08	629	42	9	-10	5	-0.01
40082	17	2.23	-1	136	4.16	0.02	0.9	655	4	0.09	270	-5	8	-10	10	0.02
40084	65	4.53	-1	119	8.78	0.04	2.05	1301	131	0.08	303	56	18	-10	10	0.02
40085	-5	9.02	-1	76	9.6	0.02	2.36	3832	92	0.06	381	664	14	-10	15	-0.01
40087	-5	>15.00	-1	51	6.57	0.03	1.57	5273	2	0.08	191	13	33	-10	38	0.02
40088	269	14.74	-1	44	7.11	0.02	4.55	>10000	35	0.07	313	119	31	-10	30	-0.01
40089	16	>15.00	-1	97	3.48	-0.01	0.79	4127	-2	0.07	52	11	15	-10	22	0.01
40090	-5	9.12	-1	117	5.33	0.03	2.2	2806	115	0.08	101	138	16	-10	14	-0.01
40092	78	11.32	-1	103	3.98	0.01	1.39	2923	285	0.07	-10	17	19	-10	18	-0.01
40093	-5	>15.00	-1	54	7.68	0.01	1.69	4027	-2	0.06	-10	-5	12	-10	17	-0.01
40094	-5	>15.00	-1	46	6.1	-0.01	0.22	2833	3	0.06	-10	-5	8	-10	12	-0.01
40095	-5	>15.00	-1	52	3.98	0.01	0.86	2246	15	0.08	62	10	12	-10	23	0.03
40096	19	1.46	-1	139	6.39	0.05	2.42	674	-2	0.1	452	13	7	-10	-1	0.07
59901	6712	6.92	-1	64	4.32	-0.01	0.58	587	113	0.03	742	16	10	-10	5	-0.01
59902	204	3.73	-1	42	11.65	-0.01	0.54	653	7	0.02	2733	20	19	-10	-1	-0.01
59904	-5	1.41	-1	52	7.43	0.11	2.41	492	-2	0.17	274	10	10	-10	10	0.07
59905	43	13.9	-1	21	10.44	-0.01	1.72	3406	55	0.03	1972	15	30	-10	24	-0.01
59906	-5	13.35	-1	25	10.4	-0.01	1.77	2890	-2	0.03	2019	7	16	-10	14	-0.01
59907	125	1.11	-1	62	11.91	-0.01	1.51	524	198	0.02	2166	14	14	-10	-1	0.02
59908	-5	13.62	-1	48	11.31	-0.01	3.55	6142	-2	0.02	1405	11	27	-10	31	0.02
59909	7	1.53	-1	89	9.22	0.01	1.86	1575	14	0.02	486	-5	22	-10	-1	0.01

Table 6: Anomalous [illegible]pecting Samples

Sample #	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %
59913	-5	7.61	-1	125	10.07	0.02	1.24	2010	-2	0.02	1627	7	24	-10	4	0.02
59914	-5	5.96	-1	128	6.45	-0.01	1.51	579	-2	0.02	538	6	7	-10	1	0.03
59915	-5	3.85	-1	57	14.58	-0.01	0.32	492	-2	0.01	1411	10	8	-10	-1	-0.01
59916	14	0.16	-1	16	>15.00	-0.01	0.16	205	4	-0.01	5308	14	9	-10	-1	-0.01
59917	-5	1.24	-1	64	>15.00	-0.01	0.43	957	-2	-0.01	950	-5	12	-10	-1	-0.01
59920	14	0.25	-1	46	>15.00	-0.01	0.09	68	-2	-0.01	528	-5	5	-10	-1	-0.01
59921	-5	1.3	-1	36	12.51	-0.01	2.54	556	-2	-0.01	1490	7	9	-10	-1	0.01
59922	-5	>15.00	-1	29	1.15	-0.01	0.12	4973	3	0.02	171	-5	7	-10	46	-0.01
59923	-5	>15.00	-1	34	6.49	-0.01	0.1	1233	34	0.01	888	-5	6	-10	13	-0.01
59924	-5	0.33	-1	71	9.68	-0.01	0.17	1017	-2	-0.01	965	6	9	-10	-1	-0.01
59925	-5	12.12	-1	52	8.57	-0.01	0.05	1413	-2	0.02	1490	-5	10	-10	3	-0.01
59926	-5	>15.00	-1	64	9.87	-0.01	0.88	767	-2	0.01	1542	-5	12	-10	4	0.02
59927	98	11.63	-1	34	12.37	-0.01	4.27	5987	291	0.02	2846	6	28	-10	10	-0.01
59928	-5	14.52	-1	25	8.25	-0.01	1.26	1223	3	-0.01	322	-5	12	-10	20	-0.01
59929	43	5.16	-1	87	6.84	-0.01	1	832	4	0.03	3500	-5	12	-10	4	-0.01
59930	-5	9.12	-1	150	5.87	-0.01	2.25	1540	19	0.03	794	-5	26	-10	14	-0.01
59931	-5	13	-1	94	8.89	-0.01	2.29	2228	-2	0.02	1229	-5	23	-10	26	0.01
59932	-5	5.29	-1	94	3.71	-0.01	0.8	603	-2	0.01	402	-5	8	-10	5	0.01
59933	-5	8.79	-1	231	7.82	0.08	2.24	1444	-2	0.02	531	-5	18	-10	10	-0.01

Sample #	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %
59934	53	>15.00	-1	8	5.92	-0.01	1.18	2686	8	0.01	2323	-5	23	-10	40	-0.01
59935	-5	9.51	-1	44	12.66	0.04	3.4	3452	30	0.03	3884	-5	24	-10	15	-0.01
59936	-5	14.78	-1	115	7.44	0.04	3.85	6211	7	0.02	1861	9	45	-10	34	-0.01
ME-NP-001	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-002	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-003	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-004	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-005	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-006	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-007	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-013	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-014	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-015	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-017	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-019	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-020	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-021	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-022	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-023	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-025	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-027	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Table 6: Anomalous [illegible]pecting Samples

Sample #	Bi ppm	Ca %	Cd ppm	Cr ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	P ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %
ME-NP-029	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-033	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-036	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-037	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-038	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-039	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ME-NP-040	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Table 6: Anomalous Prospecting Samples

Sample #	V ppm	W ppm	Y ppm	Zr ppm	U ppm	Date
16292	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16293	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16294	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16295	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16296	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16299	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16300	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16301	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16303	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16304	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16305	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16306	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16307	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16308	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16309	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16310	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16312	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16313	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16314	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16315	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
16316	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
40053	89	44	27	19	11	20050426
40054	97	-10	75	10	39	20050426
40055	110	11	52	10	-2	20050426
40056	189	11	31	14	5	20050426
40058	97	27	11	13	3	20050427
40060	96	30	10	17	13	20050429
40063	116	15	13	10	6	20050429
40064	96	23	31	8	41	20050503
40065	97	-10	22	20	15	20050503
40066	26	16	21	8	29	20050503
40067	361	26	22	27	-2	20050503
40068	181	36	9	15	4	20050503
40069	79	42	5	22	15	20050504

Table 6: Anomalous Prospecting Samples

Sample #	V ppm	W ppm	Y ppm	Zr ppm	U ppm	Date
40070	56	15	10	38	-2	20050504
40071	62	31	14	8	2	20050504
40076	167	-10	18	10	3	20050504
40077	144	88	47	7	33	20050505
40078	246	-10	15	12	-2	20050505
40079	101	-10	25	7	5	20050504
40080	70	21	2	11	6	20050505
40081	77	-10	9	4	-2	20050505
40082	82	-10	8	18	-2	20050505
40084	171	11	14	13	-2	20050505
40085	171	-10	24	8	12	20050505
40087	114	-10	41	11	8	20050505
40088	133	-10	33	7	28	20050505
40089	66	-10	50	7	-2	20050506
40090	107	21	24	9	4	20050506
40092	112	-10	17	3	8	20050506
40093	59	-10	20	14	6	20050506
40094	19	15	16	10	13	20050506
40095	47	-10	21	11	-2	20050506
40096	137	-10	11	22	-2	20050506
59901	49	-10	8	13	15	20041101
59902	59	33	8	16	9	20041101
59904	138	-10	5	10	14	20041101
59905	95	16	18	7	38	20041101
59906	70	19	27	18	17	20041101
59907	127	22	3	11	22	20041101
59908	84	-10	11	16	48	20041101
59909	108	-10	6	8	20	20041101

Table 6: Anomalous [illegible]pecting Samples

Sample #	V ppm	W ppm	Y ppm	Zr ppm	U ppm	Date
59913	82	18	16	7	30	20041101
59914	43	-10	7	8	24	20041101
59915	29	13	23	8	39	20041101
59916	32	82	13	9	39	20041101
59917	61	-10	8	8	44	20041101
59920	40	-10	3	13	42	20041101
59921	52	16	10	7	28	20041101
59922	11	-10	67	-1	29	20041101
59923	22	-10	47	4	28	20041101
59924	41	21	20	6	17	20041101
59925	19	13	46	5	33	20041101
59926	55	-10	160	7	21	20041101
59927	225	13	22	8	51	20041101
59928	55	-10	12	5	32	20041101
59929	39	52	7	8	22	20041101
59930	132	-10	12	17	26	20041101
59931	109	-10	17	11	34	20041101
59932	37	-10	7	6	19	20041101
59933	141	-10	14	9	25	20041101

Table 6: Anomalous Prospecting Samples

Sample #	V ppm	W ppm	Y ppm	Zr ppm	U ppm	Date
59934	70	16	27	3	31	20041101
59935	143	19	33	9	39	20041101
59936	160	-10	29	8	38	20041101
ME-NP-001	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-002	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-003	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-004	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-005	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-006	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-007	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-013	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-014	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-015	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-017	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-019	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-020	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-021	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-022	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-023	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-025	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-027	N.A.	N.A.	N.A.	N.A.	N.A.	20050824

Sample #	V ppm	W ppm	Y ppm	Zr ppm	U ppm	Date
ME-NP-029	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-033	N.A.	N.A.	N.A.	N.A.	N.A.	20050801
ME-NP-036	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-037	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-038	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-039	N.A.	N.A.	N.A.	N.A.	N.A.	20050824
ME-NP-040	N.A.	N.A.	N.A.	N.A.	N.A.	20050824

APPENDIX II

Channel Sample Index

Sample	Rock Type	Description
59851	Nipissing Diabase	unaltered, undeformed medium grain massive wall rock
59852	Nipissing Diabase	weak to moderately fractured medium grained wall rock
59853	Nipissing Diabase	moderately fractured medium grained wall rock
59854	Nipissing Diabase	strongly fractured wall rock with minor qtz-cal-cpy-hem veining ~15%
59855	Qtz-Cal-Cpy-Hem Vein	cpy-qtz-rich qtz-cal-cpy-hem vein, virtually no hematite and calcite is also very low, some shearing of the cpy and other vein minerals is also evident, this channel is ~5m east of the Merico shaft
59856	Nipissing Diabase	strongly fractured wall rock with minor qtz-cal-cpy-hem veining ~20%
59857	Nipissing Diabase	moderately fractured medium grained wall rock
59858	Nipissing Diabase	unaltered, undeformed medium grain massive wall rock
59859	Nipissing Diabase	weakly fractured wall rock
59860	Qtz-Cal-Cpy-Hem Vein	cpy-rich (~15%), ~50% calcite, ~35% qtz & minor hematite, vein s at 260°/66°N, along northern splay vein to the main Merico vein
59861	Nipissing Diabase	weakly fractured wall rock
59862	Nipissing Diabase	weakly, locally fractured wall rock
59863	Qtz-Cal-Cpy-Hem Vein	cpy-rich, ~20%, ~30% cal, ~5% hem, & ~20% qtz plus ~25% lenses of relatively unaltered. Diabase, northern splay vein to the main Merico vein
59864	Nipissing Diabase	moderately fractured wall rock
59865	Qtz-Cal-Cpy-Hem Vein	vein is calcite-cpy-rich, ~20% cpy, ~65% cal, ~15% qtz, no hematite, vein is at 305°/85°N, northern splay vein to the main Merico vein
59866	Qtz-Cal-Cpy-Hem Vein	mostly fractured diabase with a 3cm qtz-cal-cpy (~15%) vein along eastern side of channel, vein is at 186 and intersects with the 258 vein in sample 59868
59867	Nipissing Diabase	relatively unaltered. Unfractured wall rock
59868	Qtz-Cal-Cpy-Hem Vein	nodular hematite-rich, ~40%, cpy-rich ~10%, cal ~25%, qtz ~25%, main Merico Vein
59869	Nipissing Diabase	moderately fractured wall rock
59870	Nipissing Diabase	massive unfractured unaltered. Wall rock
59871	Nipissing Diabase	highly fractured wall rock with minor, local qtz-cal veining (mm to cm-scale)
59872	Qtz-Cal-Cpy-Hem Vein	qtz-cpy-rich, minor cal and hem vein, main Merico vein
59873	Nipissing Diabase	moderately to strongly fractured wall rock
59874	Nipissing Diabase	weakly fractured wall rock
59875	Nipissing Diabase	massive wall rock
59876	Qtz-Cal-Cpy-Hem Vein	9cm qtz-cal-cpy (~15%), with two, 1cm thick outer specular hematite laminae, main Merico vein, the rest of the channel is highly fractured an altered wall rock
59877	Nipissing Diabase	massive wall rock
59878	Nipissing Diabase	moderately fractured wall rock
59879	Qtz-Cal-Cpy-Hem Vein	cal-rich vein with 3-4cm wide outer laminae of coarse-grain massive hematite rosettes
59880	Nipissing Diabase	moderately fractured wall rock
59881	Nipissing Diabase	moderately fractured wall rock
59882	Qtz-Cal-Cpy-Hem Vein	qtz-cal-cpy vein with minor hematite at ~182°/~59°W, the vein branches off the vein cut by 59879
59883	Nipissing Diabase	moderately fractured wall rock
59884	Qtz-Cal-Cpy-Hem Vein	hem-rich vein, highly weathered (crumbly) with two lenses (~10cm each) of qtz-rich, qtz-cal-cpy vein material in a pure hematite vein
59885	Nipissing Diabase	weakly fractured wall rock
59886	Qtz-Cal-Cpy-Hem Vein	nearly massive highly weathered hematite vein, with ~4cm laminae of qtz-rich qtz-cpy on the northern side of the vein
59887	Nipissing Diabase	highly fractured wall rock with local qtz-rich qtz-cal veining and trace cpy
59888	Nipissing Diabase	massive wall rock
59889	Qtz-Cal-Cpy-Hem Vein	vuggy, cal is all weathered away, cpy-rich ~15%, qtz-rich vein with no hem, vein is at 235°/80°N, northern splay vein to the main Merico vein

Sample	Width (metres)	Channel Orientation	Trench	Channel Code	Easting Nad83 Z17	Northing Nad83 Z17	Date	Sampled By
59851	1.00	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59852	0.50	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59853	0.50	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59854	0.50	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59855	0.50	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59856	0.50	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59857	0.60	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59858	0.90	160	Merico shaft	C01	554966.782	5288694.52	10/29/2004	Dave Forsyth and Sherry Swain
59859	0.50	166	Merico shaft	C02	555042.253	5288723.37	10/29/2004	Dave Forsyth and Sherry Swain
59860	0.70	166	Merico shaft	C02	555042.253	5288723.37	10/29/2004	Dave Forsyth and Sherry Swain
59861	0.60	166	Merico shaft	C02	555042.253	5288723.37	10/29/2004	Dave Forsyth and Sherry Swain
59862	0.50	205	Merico shaft	C03	555051.947	5288726.83	10/29/2004	Dave Forsyth and Sherry Swain
59863	0.40	205	Merico shaft	C03	555051.947	5288726.83	10/29/2004	Dave Forsyth and Sherry Swain
59864	0.50	205	Merico shaft	C03	555051.947	5288726.83	10/29/2004	Dave Forsyth and Sherry Swain
59865	0.20	210	Merico shaft	C05	555063.834	5288723.54	10/29/2004	Dave Forsyth and Sherry Swain
59866	0.20	196	Merico shaft	C06	555098.341	5288716.32	10/29/2004	Dave Forsyth and Sherry Swain
59867	0.50	168	Merico shaft	C06	555098.341	5288716.32	10/29/2004	Dave Forsyth and Sherry Swain
59868	0.25	168	Merico shaft	C06	555098.341	5288716.32	10/29/2004	Dave Forsyth and Sherry Swain
59869	0.50	168	Merico shaft	C06	555098.341	5288716.32	10/29/2004	Dave Forsyth and Sherry Swain
59870	0.75	346	Merico shaft	C07	555119.259	5288722.21	10/29/2004	Dave Forsyth and Sherry Swain
59871	0.40	346	Merico shaft	C07	555119.259	5288722.21	10/29/2004	Dave Forsyth and Sherry Swain
59872	0.15	346	Merico shaft	C07	555119.259	5288722.21	10/29/2004	Dave Forsyth and Sherry Swain
59873	0.40	346	Merico shaft	C07	555119.259	5288722.21	10/29/2004	Dave Forsyth and Sherry Swain
59874	0.50	346	Merico shaft	C07	555119.259	5288722.21	10/29/2004	Dave Forsyth and Sherry Swain
59875	0.50	353	Merico shaft	C08	555148.891	5288730.16	10/29/2004	Dave Forsyth and Sherry Swain
59876	0.15	353	Merico shaft	C08	555148.891	5288730.16	10/29/2004	Dave Forsyth and Sherry Swain
59877	0.50	353	Merico shaft	C08	555148.891	5288730.16	10/29/2004	Dave Forsyth and Sherry Swain
59878	0.50	355	Trench NE-1	C09	555190.488	5288761.6	10/29/2004	Dave Forsyth and Sherry Swain
59879	0.50	355	Trench NE-1	C09	555190.488	5288761.6	10/29/2004	Dave Forsyth and Sherry Swain
59880	0.20	355	Trench NE-1	C09	555190.488	5288761.6	10/29/2004	Dave Forsyth and Sherry Swain
59881	0.50	102	Trench NE-1	C10	555195.977	5288761.25	10/29/2004	Dave Forsyth and Sherry Swain
59882	0.30	102	Trench NE-1	C10	555195.977	5288761.25	10/29/2004	Dave Forsyth and Sherry Swain
59883	0.50	102	Trench NE-1	C10	555195.977	5288761.25	10/29/2004	Dave Forsyth and Sherry Swain
59884	0.60	171	2nd northwestern trench along access road	C12	555220.094	5288781.49	10/29/2004	Dave Forsyth and Sherry Swain
59885	1.00	166	2nd northwestern trench along access road	C11	555217.612	5288781.52	10/29/2004	Dave Forsyth and Sherry Swain
59886	0.25	166	2nd northwestern trench along access road	C11	555217.612	5288781.52	10/29/2004	Dave Forsyth and Sherry Swain
59887	0.40	166	2nd northwestern trench along access road	C11	555217.612	5288781.52	10/29/2004	Dave Forsyth and Sherry Swain
59888	1.00	166	2nd northwestern trench along access road	C11	555217.612	5288781.52	10/29/2004	Dave Forsyth and Sherry Swain
59889	0.17	145	Merico shaft	C04	555061.672	5288722.32	10/29/2004	Dave Forsyth and Sherry Swain

Sample	Described by	Ave Au g/t	Assay Au g/t	Check Au g/t	Cu %	Pt g/t	Pd g/t	Te g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm
59851	Neil Pettigrew	0.18	0.18	-	-	0.01	0.03	<2	<0.2	3.12	<5	50	<0.5
59852	Neil Pettigrew	0.01	0.01	-	-	0.02	0.03	<2	<0.2	2.89	<5	65	<0.5
59853	Neil Pettigrew	0.03	0.03	-	-	0.01	0.03	3	<0.2	4.01	<5	39	0.6
59854	Neil Pettigrew	0.04	0.04	-	-	0.01	0.04	3	<0.2	3.56	<5	44	0.8
59855	Neil Pettigrew	5.99	6.21	5.76	6.33	<0.005	<0.005	<2	8.6	1.58	923	44	1.1
59856	Neil Pettigrew	0.04	0.04	-	-	0.01	0.03	<2	1.4	3.94	<5	40	<0.5
59857	Neil Pettigrew	0.01	0.01	-	-	<0.005	0.01	3	<0.2	3.89	<5	53	<0.5
59858	Neil Pettigrew	0.01	0.01	-	-	<0.005	0.02	<2	<0.2	4.06	<5	60	<0.5
59859	Neil Pettigrew	0.01	0.01	-	-	0.02	0.03	4	<0.2	2.78	<5	48	<0.5
59860	Neil Pettigrew	0.77	0.77	-	6.62	<0.005	<0.005	<2	3.7	0.96	1859	25	<0.5
59861	Neil Pettigrew	0.03	0.03	-	-	0.02	0.03	<2	<0.2	2.89	<5	42	<0.5
59862	Neil Pettigrew	0.02	0.02	-	-	<0.005	0.02	<2	<0.2	3.17	<5	61	0.9
59863	Neil Pettigrew	2.31	2.31	-	6.00	<0.005	0.01	<2	3.1	1.4	779	33	<0.5
59864	Neil Pettigrew	0.02	0.02	-	-	0.02	0.02	3	<0.2	3.1	<5	59	<0.5
59865	Neil Pettigrew	1.10	1.26	0.93	7.53	<0.005	<0.005	3	0.6	1.14	6	24	<0.5
59866	Neil Pettigrew	2.18	2.16	2.19	-	<0.005	0.02	<2	0.4	3.7	<5	62	0.7
59867	Neil Pettigrew	0.03	0.03	-	-	0.03	0.05	3	<0.2	3.4	<5	88	0.7
59868	Neil Pettigrew	0.28	0.28	-	1.79	<0.005	0.01	3	0.5	1.99	<5	32	<0.5
59869	Neil Pettigrew	0.01	0.01	-	-	0.04	0.05	3	<0.2	3.07	<5	40	<0.5
59870	Neil Pettigrew	0.03	0.03	-	-	0.02	0.03	<2	<0.2	2.98	<5	47	<0.5
59871	Neil Pettigrew	0.49	0.49	-	-	0.01	0.02	<2	1.1	3.53	<5	78	1.2
59872	Neil Pettigrew	0.47	0.47	-	2.40	<0.005	<0.005	<2	2.4	0.58	16	25	0.7
59873	Neil Pettigrew	0.24	0.23	0.25	-	0.01	0.03	<2	<0.2	4.15	<5	51	1
59874	Neil Pettigrew	0.03	0.03	-	-	0.01	0.02	<2	<0.2	3.14	<5	55	<0.5
59875	Neil Pettigrew	0.02	0.02	-	-	0.01	0.02	3	<0.2	2.85	<5	69	<0.5
59876	Neil Pettigrew	1.51	1.56	1.45	5.47	<0.005	<0.005	<2	6.6	1.76	9	32	<0.5
59877	Neil Pettigrew	0.01	0.01	-	-	<0.005	0.02	<2	<0.2	3.03	<5	70	<0.5
59878	Neil Pettigrew	0.01	0.01	-	-	<0.005	0.01	<2	<0.2	4.68	<5	43	0.9
59879	Neil Pettigrew	0.45	0.45	-	-	<0.005	<0.005	<2	0.7	0.14	<5	11	0.8
59880	Neil Pettigrew	0.01	0.01	-	-	0.02	0.03	<2	<0.2	2.34	<5	57	0.6
59881	Neil Pettigrew	0.01	0.01	-	-	0.01	0.02	<2	<0.2	2.88	<5	62	<0.5
59882	Neil Pettigrew	0.19	0.19	-	1.55	<0.005	0.01	3	0.3	2.87	7	50	1.5
59883	Neil Pettigrew	0.01	0.01	-	-	0.02	0.03	<2	<0.2	4.03	24	37	0.5
59884	Neil Pettigrew	0.18	0.18	-	-	<0.005	<0.005	<2	0.8	1.68	12	46	0.7
59885	Neil Pettigrew	0.01	0.01	-	-	0.02	0.03	3	<0.2	2.58	9	46	<0.5
59886	Neil Pettigrew	0.11	0.11	-	-	<0.005	<0.005	<2	1.9	2.28	<5	52	0.6
59887	Neil Pettigrew	0.01	0.01	-	-	0.02	0.03	3	<0.2	4.75	38	48	0.9
59888	Neil Pettigrew	0.01	0.01	-	-	0.03	0.04	<2	<0.2	4.42	<5	61	<0.5
59889	Neil Pettigrew	0.47	0.48	0.45	5.45	<0.005	<0.005	<2	0.7	1.17	16	30	<0.5

Sample	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm
59851	<5	1.88	<1	56	72	139	5.65	0.13	3.61	510	<2	0.23	284
59852	<5	2	<1	48	76	135	4.73	0.18	3.15	465	<2	0.23	259
59853	<5	1.82	<1	136	177	1027	7.79	0.11	6.25	1107	<2	0.12	294
59854	<5	4.15	<1	237	237	987	6.12	0.04	5.31	1435	<2	0.06	302
59855	<5	13.28	<1	2680	110	>10000	8.99	<0.01	2.03	1784	<2	0.03	319
59856	<5	3.13	<1	104	202	1122	6.58	0.05	6.76	1451	<2	0.06	330
59857	<5	2.49	<1	28	139	200	3.1	0.15	2.17	403	<2	0.31	138
59858	<5	3.49	2	41	150	189	4.86	0.13	4.49	943	<2	0.24	274
59859	<5	3.69	<1	53	207	695	4.42	0.09	4.13	818	<2	0.08	127
59860	<5	12.03	<1	2084	113	>10000	8.25	0.02	1.24	1938	<2	0.02	331
59861	<5	3.42	<1	97	188	797	4.65	0.12	3.94	955	<2	0.11	106
59862	<5	3.17	<1	106	261	545	5.34	0.29	3.19	947	<2	0.17	100
59863	<5	9.9	<1	2802	115	>10000	9.08	0.01	1.44	2096	4	0.02	214
59864	<5	2.76	<1	57	171	1927	4.04	0.2	2.7	612	<2	0.19	93
59865	<5	2.84	<1	687	276	>10000	10.2	<0.01	1.36	494	<2	0.01	59
59866	<5	1	<1	46	236	8973	7.87	0.11	5.18	959	<2	0.1	102
59867	<5	2.22	<1	50	205	633	4.75	0.22	2.83	554	<2	0.23	99
59868	<5	0.23	<1	437	295	>10000	8.36	0.02	2.73	801	<2	0.03	83
59869	<5	2.15	1	27	139	304	3.55	0.15	1.97	349	<2	0.21	77
59870	<5	2.15	<1	25	157	215	3.21	0.18	1.98	350	<2	0.22	86
59871	<5	0.42	<1	167	221	5386	8.93	0.06	4.97	643	<2	0.06	119
59872	<5	0.46	<1	1021	52	>10000	8.49	<0.01	0.61	274	<2	0.01	71
59873	<5	0.32	<1	58	257	1093	8.31	0.06	6.18	797	<2	0.06	111
59874	<5	1.21	<1	30	186	5735	6.54	0.11	3.66	527	<2	0.12	98
59875	<5	1.67	<1	33	131	559	4.2	0.1	2.76	512	<2	0.14	96
59876	<5	1.57	<1	625	135	>10000	10.02	0.02	2.48	600	<2	0.03	92
59877	<5	1.86	<1	20	120	387	3.15	0.09	2.1	421	<2	0.18	80
59878	<5	2.02	<1	74	215	424	7.89	0.06	5.12	1323	<2	0.11	191
59879	<5	>15.00	2	6	39	5808	1.24	<0.01	0.18	4192	6	0.02	7
59880	<5	8.65	<1	21	125	3360	4.3	0.11	2.51	1077	<2	0.11	93
59881	<5	2.71	<1	24	110	181	3.24	0.15	2.11	513	<2	0.2	113
59882	<5	>15.00	<1	66	140	>10000	8.14	0.02	3.23	2763	2	0.02	117
59883	<5	2.86	<1	64	148	262	5.6	0.06	4.3	897	<2	0.13	320
59884	<5	1.03	<1	45	258	8794	5.51	0.01	1.8	1223	<2	0.02	55
59885	<5	1.88	<1	27	107	272	3.3	0.12	2.09	543	<2	0.13	76
59886	<5	0.98	<1	27	188	5698	7.35	<0.01	3.15	856	<2	0.02	73
59887	<5	1.52	<1	86	132	322	6.32	0.05	5.15	1179	13	0.1	298
59888	<5	2.5	<1	30	36	144	4.14	0.12	3.06	495	<2	0.3	228
59889	<5	5.44	<1	496	55	>10000	8.48	<0.01	1.48	1375	<2	0.02	43

Sample	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	U ppm
59851	118	9	7	5	<10	21	0.02	48	<10	1	53	4	14
59852	106	34	<5	4	<10	24	0.02	40	<10	1	56	3	15
59853	135	28	13	13	<10	4	0.05	98	<10	5	152	6	20
59854	203	9	8	10	<10	<1	0.08	127	<10	8	143	9	19
59855	767	112	10	13	<10	14	0.03	69	13	37	59	6	29
59856	211	43	14	7	<10	3	0.07	102	<10	8	208	8	18
59857	199	177	7	3	<10	38	0.05	89	<10	2	155	4	12
59858	166	572	9	5	<10	22	0.05	80	<10	3	588	5	17
59859	140	21	6	4	<10	4	0.04	75	<10	6	106	6	16
59860	770	113	10	8	<10	13	0.01	46	14	32	49	5	30
59861	175	7	12	5	<10	6	0.06	91	<10	6	99	7	16
59862	141	7	12	10	<10	11	0.06	116	<10	10	59	8	15
59863	1125	101	8	15	<10	11	0.01	71	13	24	28	6	29
59864	186	16	7	5	<10	15	0.05	84	<10	5	64	6	13
59865	905	117	<5	6	<10	<1	0.01	49	22	4	75	6	24
59866	268	31	12	13	<10	<1	0.07	128	<10	9	119	10	16
59867	226	17	11	7	<10	19	0.06	123	<10	6	57	7	11
59868	449	62	9	9	<10	<1	0.04	70	<10	14	62	8	13
59869	179	18	9	4	<10	21	0.04	93	<10	5	41	5	13
59870	169	40	8	4	<10	21	0.04	78	<10	3	46	4	12
59871	230	87	10	14	<10	<1	0.07	124	<10	8	103	10	14
59872	328	122	<5	5	<10	<1	<0.01	28	<10	6	19	4	15
59873	195	58	15	15	<10	<1	0.07	143	<10	7	121	10	15
59874	217	35	7	10	<10	4	0.05	99	<10	5	64	9	18
59875	208	36	6	5	<10	13	0.05	89	<10	3	75	6	12
59876	1346	886	<5	10	<10	<1	0.03	60	15	5	98	8	22
59877	177	218	<5	3	<10	21	0.05	73	<10	3	58	5	9
59878	181	17	7	16	<10	2	0.08	144	<10	9	111	9	18
59879	128	14	<5	8	<10	45	<0.01	13	<10	63	2	1	28
59880	222	10	<5	7	<10	15	0.05	82	<10	23	52	6	19
59881	164	4	<5	5	<10	19	0.05	91	<10	4	37	5	12
59882	475	41	<5	15	<10	14	0.04	102	<10	55	61	7	33
59883	170	13	<5	8	<10	9	0.05	84	<10	5	73	6	18
59884	459	37	6	15	<10	<1	0.04	66	<10	23	44	5	14
59885	208	5	<5	4	<10	13	0.05	90	<10	4	51	6	9
59886	324	46	5	15	<10	<1	0.04	97	<10	12	72	7	20
59887	216	14	<5	8	<10	3	0.07	195	<10	10	87	8	14
59888	170	4	<5	3	<10	31	0.04	64	<10	2	54	4	14
59889	1550	103	<5	8	<10	<1	<0.01	52	<10	15	65	5	26

APPENDIX III

Prospecting Assay Certificates

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

4W-2538-RA1

ompany: **TEMEX RESOURCES CORPORATION** Date: NOV-24-04
·oject: Merico-Ethel
ttn: I. Campbell

Ve hereby certify the following Assay of 36 Grab samples
ıbmitted NOV-06-04 by .

ımple ımber	Au g/tonne	Au Check g/tonne	As %	Co %	Cu %	Pb %	Pt g/tonne	Pd g/tonne	Multi Element	Te PPM
9901	3.73	-	1.32	-	2.73	-	<0.005	<0.005	Results	<2
9902	3.29	-	-	-	12.90	-	<0.005	<0.005	to	4
9903	0.03	-	-	-	-	-	<0.005	<0.005	follow	3
9904	0.34	-	-	-	-	-	<0.005	<0.005		<2
9905	1.23	1.10	-	-	8.72	-	<0.005	<0.005		4
9906	0.47	-	-	-	8.60	-	<0.005	<0.005		3
9907	4.11	4.20	-	-	8.08	10.49	<0.005	<0.005		4
9908	0.01	-	-	-	2.42	-	<0.005	<0.005		2
9909	2.03	2.67	-	-	0.97	-	<0.005	<0.005		3
9910	0.21	-	-	-	0.95	-	<0.005	<0.005		3
991	0.15	-	-	-	-	-	0.01	0.02		<2
9912	0.01	-	-	-	-	-	<0.005	<0.005		3
9913	4.39	6.67	-	-	6.82	-	<0.005	<0.005		3
9914	1.63	-	-	-	2.12	-	<0.005	<0.005		3
9915	12.34	-	-	-	5.76	-	<0.005	<0.005		4
9916	0.62	-	-	-	23.68	-	0.01	0.01		3
9917	2.47	-	-	1.01	1.53	-	<0.005	0.01		<2
9918	0.12	-	-	-	-	-	<0.005	<0.005		<2
9919	Nil	-	-	-	-	-	<0.005	<0.005		<2
9920	2.28	-	-	-	1.36	-	<0.005	<0.005		3
9921	10.97	8.79	-	-	5.56	-	<0.005	<0.005		<2
9922	0.95	-	-	-	-	-	<0.005	<0.005		<2
9923	1.60	1.77	-	-	3.72	-	<0.005	<0.005		<2
9924	5.90	-	-	-	3.31	-	<0.005	<0.005		<2
9925	0.70	1.01	-	-	6.82	-	<0.005	<0.005		<2
9926	1.08	-	-	-	4.99	-	<0.005	0.01		<2
9927	3.90	2.32	-	-	9.04	-	<0.005	<0.005		3
9928	1.33	-	-	-	-	-	<0.005	<0.005		<2
9929	2.74	-	-	-	18.04	-	<0.005	<0.005		3
9930	Nil	-	-	-	2.80	-	<0.005	<0.005		<2

Certified by [signature]

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

4W-2538-RA1

Company: **TEMEX RESOURCES CORPORATION**
Date: NOV-24-04
Project: Merico-Ethel
Attn: I. Campbell

We hereby certify the following Assay of 36 Grab samples submitted NOV-06-04 by .

Sample Number	Au g/tonne	Au Check g/tonne	As %	Co %	Cu %	Pb %	Pt g/tonne	Pd g/tonne	Multi Element	Te PPM
59931	0.69	-	-	-	3.81	-	<0.005	<0.005		<2
59932	0.85	-	-	-	1.76	-	<0.005	<0.005		3
59933	0.16	-	-	-	2.09	-	0.01	0.02		<2
59934	3.55	3.17	-	-	11.13	-	<0.005	<0.005		4
59935	0.15	-	-	-	9.98	-	<0.005	<0.005		3
59936	0.87	-	-	-	3.26	-	<0.005	<0.005		3

Certified by [signature]

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

TEMEX RESOURCES CORPORATION

Attention: I. Campbell

Project: Merico-Ethel

Sample: Grab

Report No : 4W2538 RJ

Date : Nov-17-04

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
59901	46.5	0.66	>10000	<10	0.5	6712	6.92	<1	7897	64	>10000	4.32	<0.01	0.58	587	113	0.03	3663	742	774	16	10	<10	5	<0.01	49	<10	8	11	13
59902	31.0	0.45	2321	15	<0.5	204	3.73	<1	5325	42	>10000	11.65	<0.01	0.54	653	7	0.02	932	2733	244	20	19	<10	<1	<0.01	59	33	8	13	16
59903	1.0	1.21	125	10	<0.5	30	1.13	<1	118	92	1812	3.31	0.02	1.06	526	<2	0.06	68	120	59	<5	4	<10	1	0.02	34	<10	6	23	32
59904	0.6	2.71	19	28	0.6	<5	1.41	<1	62	52	3785	7.43	0.11	2.41	492	<2	0.17	65	274	28	10	10	<10	10	0.07	138	<10	5	38	10
59905	20.0	1.12	5129	31	<0.5	43	13.90	<1	4839	21	>10000	10.44	<0.01	1.72	3406	55	0.03	835	1972	190	15	30	<10	24	<0.01	95	16	18	18	7
59906	8.6	1.45	1325	33	0.5	<5	13.35	<1	1679	25	>10000	10.40	<0.01	1.77	2890	<2	0.03	190	2019	157	7	16	<10	14	<0.01	70	19	27	32	18
59907	109.6	1.45	7553	12	<0.5	125	1.11	<1	7027	62	>10000	11.91	<0.01	1.51	524	198	0.02	738	2166	>10000	14	14	<10	<1	0.02	127	22	3	229	11
59908	4.3	2.91	57	17	0.6	<5	13.62	<1	553	48	>10000	11.31	<0.01	3.55	6142	<2	0.02	135	1405	1623	11	27	<10	31	0.02	84	<10	11	48	16
59909	7.0	1.74	751	25	<0.5	7	1.53	<1	945	89	>10000	9.22	0.01	1.86	1575	14	0.02	159	486	604	<5	22	<10	<1	0.01	108	<10	6	28	8
59910	0.7	2.23	31	13	0.6	<5	2.94	<1	164	177	>10000	7.14	<0.01	2.82	1149	<2	0.01	136	465	236	8	28	<10	<1	0.11	142	<10	20	54	8
59911	0.3	2.76	226	11	0.7	<5	5.19	<1	197	203	7052	6.81	<0.01	3.05	981	<2	0.02	143	283	124	9	15	<10	<1	0.04	112	<10	11	33	7
59912	<0.2	3.89	<5	21	<0.5	<5	0.95	<1	77	117	190	6.32	0.04	5.94	1323	<2	0.07	416	211	50	<5	8	<10	<1	0.07	92	<10	9	165	7
59913	5.2	1.21	309	11	<0.5	<5	7.61	<1	1477	125	>10000	10.07	0.02	1.24	2010	<2	0.02	236	1627	168	7	24	<10	4	0.02	82	18	16	23	7
59914	2.9	1.26	<5	15	<0.5	<5	5.96	<1	56	128	>10000	6.45	<0.01	1.51	579	<2	0.02	42	538	88	6	7	<10	1	0.03	43	<10	7	51	8
59915	4.8	0.41	111	15	<0.5	<5	3.85	<1	4359	57	>10000	14.58	<0.01	0.32	492	<2	0.01	143	1411	136	10	8	<10	<1	<0.01	29	13	23	47	8
59916	10.4	0.20	3028	11	<0.5	14	0.16	<1	7934	16	>10000	>15.00	<0.01	0.16	205	4	<0.01	397	5308	586	14	9	<10	<1	<0.01	32	82	13	187	9
59917	1.6	0.52	226	15	<0.5	<5	1.24	<1	>10000	64	>10000	>15.00	<0.01	0.43	957	<2	<0.01	253	950	94	<5	12	<10	<1	<0.01	61	<10	8	26	8
59919	0.5	0.03	<5	<10	1.8	<5	>15.00	1	50	9	3490	0.51	<0.01	0.03	538	<2	<0.01	3	82	19	<5	3	<10	23	<0.01	1	<10	52	<1	<1
59920	3.7	0.23	7	13	<0.5	14	0.25	<1	764	46	>10000	>15.00	<0.01	0.09	68	<2	<0.01	74	528	82	<5	5	<10	<1	<0.01	40	<10	3	18	13
59921	11.8	1.87	89	20	<0.5	<5	1.30	<1	2312	36	>10000	12.51	<0.01	2.54	556	<2	<0.01	85	1490	139	7	9	<10	<1	0.01	52	16	10	83	7
59922	0.9	0.07	<5	<10	<0.5	<5	>15.00	<1	18	29	7395	1.15	<0.01	0.12	4973	3	0.02	6	171	20	<5	7	<10	46	<0.01	11	<10	67	<1	<1
59923	1.2	0.08	<5	<10	0.7	<5	>15.00	<1	28	34	>10000	6.49	<0.01	0.10	1233	34	0.01	8	888	78	<5	6	<10	13	<0.01	22	<10	47	9	4
59924	2.1	0.40	<5	<10	<0.5	<5	0.33	<1	26	71	>10000	9.68	<0.01	0.17	1017	<2	<0.01	12	965	78	6	9	<10	<1	<0.01	41	21	20	9	6
59925	1.1	0.10	<5	<10	0.8	<5	12.12	<1	12	52	>10000	8.57	<0.01	0.05	1413	<2	0.02	6	1490	113	<5	10	<10	3	<0.01	19	13	46	28	5
59926	1.1	0.91	<5	<10	<0.5	<5	>15.00	<1	403	64	>10000	9.87	<0.01	0.88	767	<2	0.01	50	1542	88	<5	12	<10	4	0.02	55	<10	160	41	7
59927	9.3	2.86	186	16	0.6	98	11.63	<1	619	34	>10000	12.37	<0.01	4.27	5987	291	0.02	220	2846	154	6	28	<10	10	<0.01	225	13	22	20	8
59928	0.6	1.00	<5	<10	<0.5	<5	14.52	<1	48	25	7905	8.25	<0.01	1.26	1223	3	<0.01	49	322	20	<5	12	<10	20	<0.01	55	<10	12	18	5
59929	99.3	0.87	<5	<10	<0.5	43	5.16	<1	61	87	>10000	6.84	<0.01	1.00	832	4	0.03	44	3500	237	<5	12	<10	4	<0.01	39	52	7	29	8
59930	16.5	2.13	<5	11	<0.5	<5	9.12	<1	20	150	>10000	5.87	<0.01	2.25	1540	19	0.03	85	794	51	<5	26	<10	14	<0.01	132	<10	12	22	17
59931	9.9	2.07	<5	12	0.5	<5	13.00	<1	60	94	>10000	8.89	<0.01	2.29	2228	<2	0.02	84	1229	61	<5	23	<10	26	0.01	109	<10	17	29	11

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Judy Pecca

TEMEX RESOURCES CORPORATION

Attention: I. Campbell

Project: Merico-Ethel

Sample: Grab

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : **4W2538 RJ**

Date : Nov-17-04

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
59932	2.3	0.65	<5	<10	<0.5	<5	5.29	<1	48	94	>10000	3.71	<0.01	0.80	603	<2	0.01	32	402	40	<5	8	<10	5	0.01	37	<10	7	8	6
59933	1.9	2.21	<5	15	1.2	<5	8.79	<1	184	231	>10000	7.82	0.08	2.24	1444	<2	0.02	141	531	38	<5	18	<10	10	<0.01	141	<10	14	22	9
59934	34.7	0.61	10	<10	<0.5	53	>15.00	<1	96	8	>10000	5.92	<0.01	1.18	2686	8	0.01	50	2323	143	<5	23	<10	40	<0.01	70	16	27	7	3
59935	3.1	2.56	166	32	0.6	<5	9.51	<1	2049	44	>10000	12.66	0.04	3.40	3452	30	0.03	385	3884	156	<5	24	<10	15	<0.01	143	19	33	18	9
59936	2.3	2.15	<5	19	0.7	<5	14.78	<1	236	115	>10000	7.44	0.04	3.85	6211	7	0.02	113	1861	56	9	45	<10	34	<0.01	160	<10	29	15	8

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: ____________

Assayers Canada

8282 Sherbrooke St., [redacted]ouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

TEMEX RE[redacted]URCES CORPORATION

Attention: I. Campbell

Project: Merico-Ethel

Sample: Grab

Report No[redacted] 4W2538 RZ

Date : Nov-17-04

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
59915	10.9	0.43	86	12	<0.5	<5	2.64	<1	4568	57	>10000	>15.00	<0.01	0.34	513	<2	0.01	151	1256	63	5	8	<10	<1	<0.01	31	<10	21	48	7
59916	12.4	0.24	2650	<10	<0.5	<5	0.16	<1	8402	14	>10000	>15.00	<0.01	0.19	208	5	0.01	426	4867	442	<5	12	<10	<1	<0.01	38	23	13	186	9
59917	2.5	0.59	200	13	<0.5	<5	1.03	<1	>10000	68	>10000	>15.00	<0.01	0.51	1090	<2	0.01	280	849	55	5	12	<10	<1	<0.01	68	<10	9	25	8
59918	0.2	0.93	<5	13	<0.5	<5	0.11	<1	125	334	2291	9.21	<0.01	0.47	1976	5	0.01	42	232	18	11	11	<10	<1	<0.01	78	<10	10	11	5
59919	3.1	0.03	<5	<10	1.9	<5	>15.00	<1	35	10	3442	0.48	<0.01	0.03	548	<2	0.01	4	59	8	<5	4	<10	17	<0.01	1	<10	53	1	<1

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Judy Reco

ASSAYERS CANADA

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

4W-2538-RA2

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Nov-17-04

We *hereby certify* the following assay of 12 grab samples submitted Nov-12-04

Sample Name	U ppm
59925	33
59926	21
59927	51
59928	32
59929	22
59930	26
59931	34
59932	19
59933	25
59934	31
59935	39
59936	38

Certified by Judy Pecca

ASSAYERS CANADA

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8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

4W-2538-RA1

Nov-17-04

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

We *hereby certify* the following assay of 24 grab samples submitted Nov-12-04

Sample Name	U ppm
59901	15
59902	9
59903	8
59904	14
59905	38
59906	17
59907	22
59908	48
59909	20
59910	14
59911	21
59912	15
59913	30
59914	24
59915	39
59916	39
59917	44
59918	N/S
59919	18
59920	42
59921	28
59922	29
59923	28
59924	17

Certified by Judy Pecen

Rocks Merico Ethel

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

5W-1913-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Date: AUG-24-05

We hereby certify the following Assay of 69 Grab samples submitted AUG-08-05 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag PPM	As PPM	As %	Co PPM	Co %	Cu PPM	Cu %	Ni PPM	Pb PPM	Pb %
16292	4.46	-	2.8	<5	-	66	-	5820	-	84	1	-
16293	1.47	-	12.4	4370	-	2160	-	>10000	1.74	1760	15	-
16294	7.82	7.06	8.2	541	-	255	-	>10000	1.41	147	1	-
16295	1.94	2.13	21.2	>10000	1.83	>10000	1.16	>10000	8.52	920	41	-
16296	0.22	-	2.8	5070	-	3060	-	1080	-	624	23	-
16297	0.12	-	2.7	314	-	458	-	9620	-	85	1650	-
16298	0.05	-	27.2	103	-	89	-	7600	-	49	11	-
16299	0.01	-	2.4	68	-	286	-	1610	-	61	>10000	1.01
16300	Nil	-	10.8	240	-	5240	-	9400	-	187	>10000	5.73
16301	0.02	-	13.7	3060	-	960	-	>10000	2.87	262	221	-
16[illegible]	Nil	-	1.6	631	-	327	-	1710	-	97	181	-
16303	0.25	-	43.0	603	-	371	-	>10000	4.00	118	13	-
16304	0.11	-	90.0	4110	-	2020	-	>10000	6.69	262	43	-
16305	4.80	4.80	8.4	<5	-	15	-	>10000	5.63	10	3	-
16306	1.97	-	14.6	10	-	16	-	>10000	2.77	27	1	-
16307	4.59	4.30	7.1	<5	-	4	-	>10000	6.64	11	371	-
16308	8.78	7.89	18.6	77	-	26	-	>10000	5.27	15	9	-
16309	1.05	-	22.8	<5	-	5	-	>10000	2.88	25	1	-
16310	0.46	-	125.0	952	-	340	-	>10000	16.28	77	1	-
16311	0.08	-	0.9	9	-	105	-	946	-	16	4	-
16312	0.34	-	101.0	863	-	450	-	>10000	5.14	121	9	-
16313	0.06	-	4.8	228	-	604	-	>10000	5.60	86	1	-
16314	0.07	-	20.3	6240	-	3640	-	4060	-	1010	1	-
16315	0.03	-	3.6	1310	-	700	-	>10000	17.82	116	1	-
16316	0.07	-	85.0	1180	-	614	-	>10000	10.30	112	1	-
ME-NP-001	0.51	-	118.0	8140	-	4850	-	>10000	7.37	978	142	-
ME-NP-002	1.78	2.13	89.2	2620	-	2860	-	>10000	6.13	266	1860	-
ME-NP-003	0.30	0.30	590.0	>10000	1.48	7400	-	>10000	20.37	1530	3190	-
ME-NP-004	0.32	-	2.8	495	-	254	-	2480	-	63	35	-
ME-NP-005	0.25	-	3.2	413	-	274	-	>10000	1.00	68	28	-

Certified by Denis Chartré

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Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

5W-1913-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Date: AUG-24-05

We hereby certify the following Assay of 69 Grab samples
submitted AUG-08-05 by .

Sample Number	U %	Zn PPM
16292	Results	104
16293	to	90
16294	follow	56
16295		29
16296		28
16297		56
16298		37
16299		174
16300		671
16301		28
[illegible]2		17
16303		20
16304		35
16305		48
16306		53
16307		43
16308		172
16309		30
16310		26
16311		13
16312		25
16313		48
16314		47
16315		327
16316		15
ME-NP-001		199
ME-NP-002		1220
ME-NP-003		2540
ME-NP-004		24
ME-NP-005		50

Certified by Denis Chartre

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5W-1913-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Date: AUG-24-05

We hereby certify the following Assay of 69 Grab samples submitted AUG-08-05 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag PPM	As PPM	As %	Co PPM	Co %	Cu PPM	Cu %	Ni PPM	Pb PPM	Pb %
ME-NP-006	Nil	-	8.0	1370	-	718	-	3750	-	160	11	-
ME-NP-007	0.29	-	99.6	>10000	1.87	>10000	1.07	>10000	3.72	2160	50	-
ME-NP-008	0.13	-	2.2	55	-	1490	-	2560	-	117	98	-
ME-NP-009	Nil	-	0.4	30	-	47	-	858	-	41	1210	-
ME-NP-010	Nil	-	0.8	35	-	12	-	190	-	3	15	-
ME-NP-011	Nil	-	0.3	17	-	20	-	310	-	27	5	-
ME-NP-012	0.14	-	0.5	11	-	35	-	7490	-	39	1	-
ME-NP-013	0.25	-	21.6	1300	-	884	-	>10000	4.95	127	30	-
ME-NP-014	0.01	-	2.8	42	-	1190	-	>10000	3.31	83	37	-
ME-NP-015	3.03	2.33	18.0	2130	-	1350	-	>10000	8.38	183	12	-
ME-NP-016	Nil	-	0.1	20	-	53	-	303	-	90	1	-
ME-NP-017	0.03	-	10.8	3080	-	2450	-	>10000	5.23	314	39	-
ME-NP-018	0.02	-	2.8	28	-	30	-	359	-	21	31	-
ME-NP-019	0.08	-	29.2	4070	-	2120	-	>10000	9.75	393	33	-
ME-NP-020	0.61	-	75.4	3220	-	1700	-	>10000	5.45	266	10	-
ME-NP-021	0.01	-	2.0	23	-	50	-	776	-	43	3360	-
ME-NP-022	1.12	-	66.4	>10000	1.01	6920	-	>10000	5.34	1040	76	-
ME-NP-023	0.19	-	6.8	2820	-	1640	-	>10000	1.48	358	31	-
ME-NP-024	0.19	-	11.5	1800	-	1010	-	4920	-	230	17	-
ME-NP-025	1.42	1.37	3.2	<5	-	41	-	>10000	2.65	29	7	-
ME-NP-026	0.25	-	0.2	<5	-	32	-	3580	-	41	75	-
ME-NP-027	1.05	-	0.9	<5	-	46	-	>10000	2.26	28	1	-
ME-NP-028	0.09	-	2.4	181	-	123	-	2640	-	30	40	-
ME-NP-029	0.10	0.04	11.3	34	-	187	-	>10000	2.87	45	210	-
ME-NP-030	0.29	-	34.9	1440	-	273	-	6900	-	49	17	-
ME-NP-031	Nil	-	0.4	18	-	43	-	666	-	131	50	-
ME-NP-032	Nil	-	0.1	40	-	39	-	1590	-	40	1	-
ME-NP-033	0.57	-	4.0	<5	-	198	-	>10000	1.24	87	5	-
ME-NP-034	0.02	-	0.2	16	-	9	-	6420	-	1	1	-
ME-NP-035	0.01	-	0.1	<5	-	53	-	119	-	127	1	-

Certified by Denis Chartré

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

5W-1913-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Date: AUG-24-05

We hereby certify the following Assay of 69 Grab samples submitted AUG-08-05 by .

Sample Number	U %	Zn PPM
ME-NP-006		63
ME-NP-007		80
ME-NP-008		428
ME-NP-009		123
ME-NP-010		14
ME-NP-011		25
ME-NP-012		25
ME-NP-013		24
ME-NP-014		73
ME-NP-015		33
ME-NP-016		58
ME-NP-017		37
ME-NP-018		15
ME-NP-019		33
ME-NP-020		15
ME-NP-021		1550
ME-NP-022		45
ME-NP-023		35
ME-NP-024		26
ME-NP-025		545
ME-NP-026		321
ME-NP-027		77
ME-NP-028		75
ME-NP-029		223
ME-NP-030		44
ME-NP-031		78
ME-NP-032		22
ME-NP-033		660
ME-NP-034		17
ME-NP-035		53

Certified by Denis Chartré

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Assay Certificate

5W-1913-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Date: AUG-24-05

We hereby certify the following Assay of 69 Grab samples submitted AUG-08-05 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag PPM	As PPM	As %	Co PPM	Co %	Cu PPM	Cu %	Ni PPM	Pb PPM	Pb %
ME-NP-036	Nil	-	0.9	<5	-	4	-	>10000	3.22	1	1	-
ME-NP-037	Nil	-	1333.0	207	-	411	-	>10000	1.90	133	7600	-
ME-NP-038	3.12	3.38	70.6	<5	-	69	-	>10000	13.26	22	46	-
ME-NP-039	0.03	-	27.2	>10000	2.25	>10000	1.40	6960	-	1600	59	-
ME-NP-040	Nil	-	53.5	>10000	1.29	8000	-	>10000	9.12	758	4	-
ME-NP-001B	Nil	-	18.9	159	-	64	-	1450	-	14	20	-
ME-NP-002B	0.01	-	0.8	64	-	25	-	705	-	11	1	-
ME-NP-003B	0.01	-	19.5	<5	-	14	-	496	-	6	14	-
ME-NP-004B	Nil	-	47.3	68	-	25	-	1410	-	16	21	-
Blank	Nil	-	-	-		-	-	-	-	-	-	-
ST[illegible]36	2.47	-	-	-	-	-	-	-	-	-	-	-

Certified by [signature]

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5W-1913-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Date: AUG-24-05

We hereby certify the following Assay of 69 Grab samples submitted AUG-08-05 by .

Sample Number	U %	Zn PPM
ME-NP-036		49
ME-NP-037		6520
ME-NP-038		842
ME-NP-039		32
ME-NP-040		46
ME-NP-001B		31
ME-NP-002B		11
ME-NP-003B		12
ME-NP-004B		32
Blank		-
ST[illegible]36		-

Certified by [signature]

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
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ASSAYERS CANADA

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

5W-1913-RA1

Aug-18-05

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

We *hereby certify* the following assay of 24 grab samples submitted Aug-16-05

Sample Name	U ppm
16292	67
16293	116
16294	93
16295	113
16296	120
16297	81
16298	5
16299	18
16300	94
16301	52
16302	48
16303	35
16304	113
16305	119
16306	102
16307	60
16308	105
16309	105
16310	83
16311	4
16312	24
16313	17
16314	107
16315	52
*BL-4	1690
*BLANK	<2

Certified by ____________

ASSAYERS CANADA

Assayers Canada
8282 Sherbrooke St.
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Tel: (604) 327-3436
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Quality Assaying for over 25 Years

Assay Certificate

5W-1913-RA2

Aug-18-05

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

We *hereby certify* the following assay of 24 grab samples submitted Aug-16-05

Sample Name	U ppm
16316	82
ME-NP-001	84
ME-NP-002	48
ME-NP-003	39
ME-NP-004	88
ME-NP-005	94
ME-NP-006	54
ME-NP-007	80
ME-NP-008	88
ME-NP-009	91
ME-NP-010	4
ME-NP-011	86
ME-NP-012	81
ME-NP-013	90
ME-NP-014	64
ME-NP-015	35
ME-NP-016	87
ME-NP-017	91
ME-NP-018	102
ME-NP-019	60
ME-NP-020	116
ME-NP-021	95
ME-NP-022	79
ME-NP-023	67
*BL-4	1650
*BLANK	<2

Certified by ________________

ASSAYERS CANADA

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Tel: (604) 327-3436
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Quality Assaying for over 25 Years

Assay Certificate

5W-1913-RA3

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Aug-18-05

We *hereby certify* the following assay of 21 grab samples submitted Aug-16-05

Sample Name	U ppm
ME-NP-024	78
ME-NP-025	59
ME-NP-026	120
ME-NP-027	86
ME-NP-028	27
ME-NP-029	35
ME-NP-030	30
ME-NP-031	58
ME-NP-032	30
ME-NP-033	74
ME-NP-034	98
ME-NP-035	22
ME-NP-036	130
ME-NP-037	94
ME-NP-038	43
ME-NP-039	74
ME-NP-040	102
ME-NP-001B	76
ME-NP-002B	52
ME-NP-003B	73
ME-NP-004B	33
*BL-4	1680
*BLANK	<2

Certified by ____________________

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

5W-1028-RA1

Company: **TEMEX RESOURCES LTD**
Project: Merico-Ethel
Attn: I.Campbell

Date: JUN-10-05

We hereby certify the following Assay of 46 Rock samples
submitted MAY-16-05 by .

Sample Number	Au g/tonne	Au Check g/tonne	As %	Co %	Cu %	Ni %	Pb %	U	Pt g/tonne	Pd g/tonne	Multi Element
40051	0.12	-	-	-	-	-	-	Results	0.03	0.02	Results
40052	0.16	-	-	-	-	-	-	to	<0.005	0.01	to
40053	0.21	-	-	-	10.02	-	-	follow	<0.005	<0.005	follow
40054	0.89	1.12	-	-	3.83	-	-		<0.005	0.02	
40055	0.02	-	-	-	-	-	-		0.01	<0.005	
40056	0.07	-	-	-	2.30	-	-		<0.005	0.01	
40057	0.02	-	-	-	-	-	-		<0.005	<0.005	
40058	0.01	-	-	-	-	-	-		<0.005	0.01	
40059	0.22	-	-	-	-	-	-		<0.005	<0.005	
40060	0.05	-	1.10	1.09	7.24	-	-		<0.005	<0.005	
40[illegible]	0.14	-	-	-	-	-	-		<0.005	<0.005	
40062	0.01	-	-	-	-	-	-		<0.005	<0.005	
40063	0.02	-	-	-	2.79	-	-		<0.005	<0.005	
40064	0.04	-	-	-	6.27	-	-		<0.005	<0.005	
40065	0.10	-	-	-	2.04	-	-		<0.005	<0.005	
40066	0.03	-	-	-	9.74	-	-		<0.005	<0.005	
40067	0.04	-	-	-	1.02	-	-		<0.005	<0.005	
40068	0.51	-	-	-	2.49	-	-		0.01	0.01	
40069	0.79	0.79	-	-	13.48	-	-		<0.005	<0.005	
40070	0.74	-	-	-	4.84	-	-		<0.005	<0.005	
40071	0.14	-	-	-	12.66	-	-		<0.005	<0.005	
40072	0.01	-	-	-	-	-	-		<0.005	<0.005	
40073	0.01	-	-	-	-	-	-		<0.005	<0.005	
40074	0.02	-	-	-	-	-	-		<0.005	<0.005	
40075	0.01	-	-	-	-	-	-		<0.005	<0.005	
40076	0.01	-	-	-	-	-	-		<0.005	0.01	
40077	0.01	-	1.28	1.04	3.67	-	1.36		<0.005	0.01	
40078	0.01	-	1.29	-	-	-	-		<0.005	0.03	
40079	0.02	-	-	-	5.97	-	-		<0.005	<0.005	
40080	0.02	-	-	-	4.84	-	-		<0.005	<0.005	

Certified by ____________

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Swastika Laboratories Ltd

Established 1928

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Assay Certificate

5W-1028-RA1

Company: **TEMEX RESOURCES LTD**
Project: Merico-Ethel
Attn: I.Campbell

Date: JUN-10-05

We hereby certify the following Assay of 46 Rock samples submitted MAY-16-05 by .

Sample Number	Au g/tonne	Au Check g/tonne	As %	Co %	Cu %	Ni %	Pb %	U	Pt g/tonne	Pd g/tonne	Multi Element
40081	0.04	-	1.27	-	3.07	-	-		<0.005	<0.005	
40082	0.01	-	-	-	1.10	-	-		<0.005	<0.005	
40083	0.01	-	-	-	-	-	-		<0.005	<0.005	
40084	0.02	-	1.77	-	6.60	-	-		<0.005	<0.005	
40085	0.01	-	-	-	3.47	-	-		<0.005	<0.005	
40086	0.04	-	-	-	-	-	-		<0.005	<0.005	
40087	0.03	-	-	-	2.08	-	-		<0.005	<0.005	
40088	0.06	-	4.46	1.08	2.10	2.58	-		0.01	0.01	
40089	0.49	0.49	-	-	1.14	-	-		<0.005	0.01	
40090	0.30	-	-	-	3.20	-			<0.005	<0.005	
[illegible]1	0.12	-	-	-	-	-	-		<0.005	<0.005	
40092	0.86	-	1.16	-	5.21	-	-		<0.005	<0.005	
40093	2.33	2.86	-	-	4.03	-	-		<0.005	<0.005	
40094	0.36	-	-	-	5.38	-	-		<0.005	<0.005	
40095	2.68	-	-	-	-	-	-		<0.005	0.01	
40096	0.65	-	-	-	-	-	-		<0.005	<0.005	
Blank	Nil		-	-	-	-	-		-	-	
STD OxK18	3.46		-	-	-	-	-		-	-	

Certified by [signature]

TEMEX RESOURCES LTD

Attention: I.Campbell

Project: Merico-Ethel

Sample: Rock

Assay Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 5W1028 RJ

Date : Jun-01-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
40051	<0.2	0.78	32	30	<0.5	57	0.03	<1	1352	141	868	7.59	0.02	0.79	177	6	0.08	109	59	17	9	9	<10	2	<0.01	54	18	<1	<1	7
40052	<0.2	2.95	<5	22	<0.5	38	0.33	<1	576	113	1501	>15.00	0.05	4.77	653	<2	0.10	207	331	10	<5	10	<10	<1	0.20	202	33	11	109	15
40053	1.8	1.19	264	<10	<0.5	<5	11.44	<1	3675	75	>10000	13.63	0.01	1.51	1997	<2	0.08	395	239	36	<5	17	<10	13	<0.01	89	44	27	<1	19
40054	<0.2	1.35	<5	<10	<0.5	<5	>15.00	<1	66	61	>10000	10.37	<0.01	5.03	>10000	<2	0.08	59	46	21	<5	26	<10	46	<0.01	97	<10	75	<1	10
40055	0.2	1.46	44	<10	<0.5	17	>15.00	<1	296	56	3250	4.20	0.02	1.78	1798	<2	0.07	65	87	2507	<5	16	<10	31	0.04	110	11	52	309	10
40056	15.6	2.27	884	14	<0.5	33	9.77	<1	987	52	>10000	7.50	0.07	2.39	4154	10	0.15	134	206	164	<5	27	<10	25	0.04	189	11	31	20	14
40057	<0.2	2.81	<5	21	<0.5	<5	4.01	<1	16	197	4610	7.64	0.03	3.17	593	<2	0.08	152	691	6	<5	11	<10	4	0.05	168	11	24	36	28
40058	0.9	2.15	18	10	0.6	9	8.96	4	259	100	2523	5.91	0.02	2.52	1255	<2	0.08	69	88	9770	<5	14	<10	<1	0.04	97	27	11	1893	13
40059	<0.2	2.42	<5	30	<0.5	12	1.37	<1	57	83	3290	7.15	0.08	1.73	408	<2	0.26	53	240	73	<5	7	<10	18	0.06	105	<10	5	34	13
40060	26.3	0.99	>10000	<10	<0.5	81	6.70	<1	>10000	60	>10000	>15.00	0.03	0.93	1125	21	0.11	971	61	734	14	10	<10	13	0.02	96	30	10	4	17
40061	1.6	1.48	117	12	<0.5	19	5.25	<1	200	52	1597	6.78	0.09	2.24	466	<2	0.09	34	375	22	12	7	<10	4	0.21	435	14	9	77	16
40062	<0.2	2.44	24	<10	<0.5	20	11.01	<1	145	54	6916	6.38	0.07	2.24	1928	<2	0.16	61	180	513	10	18	<10	15	0.06	172	<10	20	747	16
40063	5.9	1.73	9053	<10	<0.5	20	5.61	<1	7690	74	>10000	6.86	0.03	2.11	1577	12	0.10	1035	147	52	14	13	<10	9	0.07	116	15	13	33	10
40064	1.5	0.90	28	<10	<0.5	<5	>15.00	<1	369	27	>10000	11.86	<0.01	3.90	>10000	<2	0.07	99	414	23	<5	41	<10	48	<0.01	96	23	31	<1	8
40065	<0.2	1.15	41	<10	<0.5	<5	7.48	<1	3167	166	>10000	10.91	0.01	1.72	2488	<2	0.10	155	48	15	<5	13	<10	11	<0.01	97	<10	22	<1	20
40066	6.9	0.12	<5	<10	<0.5	<5	>15.00	<1	465	15	>10000	12.10	<0.01	0.61	5167	<2	0.07	23	<10	54	6	34	<10	39	<0.01	26	16	21	<1	8
40067	<0.2	2.50	<5	<10	<0.5	<5	3.22	<1	38	209	>10000	8.32	0.01	2.68	573	<2	0.08	170	194	6	6	11	<10	<1	0.06	361	26	22	<1	27
40068	13.2	4.86	10	12	<0.5	<5	0.57	<1	487	118	>10000	14.61	0.05	7.24	961	<2	0.08	243	126	5	12	19	<10	<1	0.08	181	36	9	210	15
40069	14.0	1.22	4212	<10	<0.5	<5	1.80	<1	3254	142	>10000	>15.00	0.01	1.61	573	<2	0.07	347	67	83	23	13	<10	<1	<0.01	79	42	5	<1	22
40070	34.0	0.97	1480	<10	<0.5	<5	3.02	<1	1288	147	>10000	7.54	<0.01	1.27	737	<2	0.09	147	343	44	11	8	<10	<1	<0.01	56	15	10	<1	38
40071	129.7	0.43	2516	<10	<0.5	<5	11.70	<1	2461	98	>10000	8.81	0.01	0.57	1693	23	0.06	280	29	59	13	13	<10	5	<0.01	62	31	14	<1	8
40072	<0.2	0.09	17	<10	<0.5	17	0.50	<1	23	136	1216	4.69	0.02	0.02	174	<2	0.11	7	37	6	<5	2	<10	<1	<0.01	29	16	<1	<1	7
40073	<0.2	0.83	10	46	<0.5	<5	0.17	<1	48	191	1541	3.54	0.23	0.61	128	<2	0.08	41	170	9	<5	3	<10	<1	0.03	46	<10	5	<1	18
40074	<0.2	0.29	9	12	<0.5	8	0.06	<1	9	303	228	0.82	0.06	0.14	529	<2	0.06	18	58	30	<5	<1	<10	4	<0.01	21	<10	1	<1	4
40075	0.6	1.19	566	<10	<0.5	37	>15.00	<1	578	89	1720	3.52	<0.01	1.53	4159	12	0.06	119	76	<2	<5	12	<10	39	<0.01	106	<10	28	24	5
40076	39.3	1.24	1547	<10	<0.5	46	14.23	<1	2043	54	7974	5.93	0.03	1.29	1564	31	0.07	264	201	7672	22	13	<10	11	0.04	167	<10	18	41	10
40077	62.8	1.23	>10000	<10	<0.5	82	4.13	<1	>10000	66	>10000	11.37	<0.01	1.64	1636	448	0.06	1639	2405	>10000	50	13	<10	10	0.02	144	88	47	6942	7
40078	151.5	1.98	>10000	<10	<0.5	467	9.19	<1	6574	64	1443	5.61	0.05	1.90	1487	141	0.10	5505	262	111	52	20	<10	13	0.06	246	<10	15	77	12
40079	121.4	0.73	1604	<10	<0.5	216	11.91	<1	1325	108	>10000	7.14	0.04	0.94	3804	21	0.09	218	86	52	1422	25	<10	20	0.01	101	<10	25	236	7
40080	12.1	0.75	2220	<10	<0.5	<5	0.96	<1	1423	169	>10000	8.44	0.01	0.87	396	24	0.06	215	125	15	35	10	<10	<1	<0.01	70	21	2	11	11

- A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Denis Chartré

TEMEX RESOURCES LTD

Attention: I.Campbell

Project: Merico-Ethel

Sample: Rock

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : **5W1028 RJ**

Date : Jun-01-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm
40081	87.3	0.67	>10000	22	<0.5	102	1.11	<1	6636	186	>10000	5.30	0.02	0.78	537	113
40082	12.9	0.87	561	<10	<0.5	17	2.23	<1	665	136	>10000	4.16	0.02	0.90	655	4
40083	0.2	1.27	24	22	<0.5	21	1.65	<1	65	133	568	6.03	0.07	1.30	592	<2
40084	90.2	1.61	>10000	16	<0.5	65	4.53	<1	9588	119	>10000	8.78	0.04	2.05	1301	131
40085	48.2	1.73	7713	<10	<0.5	<5	9.02	<1	5445	76	>10000	9.60	0.02	2.36	3832	92
40086	4.8	1.51	354	<10	<0.5	30	14.75	<1	275	58	349	6.35	0.03	2.90	7218	4
40087	3.1	0.99	1901	<10	<0.5	<5	>15.00	<1	1556	51	>10000	6.57	0.03	1.57	5273	2
40088	3.6	1.02	>10000	<10	<0.5	269	14.74	<1	>10000	44	>10000	7.11	0.02	4.55	>10000	35
40089	<0.2	0.61	502	<10	<0.5	16	>15.00	<1	395	97	>10000	3.48	<0.01	0.79	4127	<2
40090	>200.0	1.46	5163	<10	<0.5	<5	9.12	<1	4194	117	>10000	5.33	0.03	2.20	2806	115
40091	<0.2	2.26	143	12	<0.5	13	6.62	<1	283	89	7996	10.64	0.10	2.47	1734	<2
40092	96.0	0.98	>10000	<10	<0.5	78	11.32	<1	9774	103	>10000	3.98	0.01	1.39	2923	285
40093	2.1	0.83	295	<10	<0.5	<5	>15.00	<1	555	54	>10000	7.68	0.01	1.69	4027	<2
40094	2.3	0.07	127	<10	<0.5	<5	>15.00	<1	125	46	>10000	6.10	<0.01	0.22	2833	3
40095	50.1	0.82	649	<10	<0.5	<5	>15.00	<1	565	52	8016	3.98	0.01	0.86	2246	15
40096	9.1	1.93	556	14	<0.5	19	1.46	<1	311	139	5534	6.39	0.05	2.42	674	<2

Sample Number	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
40081	0.08	1593	629	52	42	9	<10	5	<0.01	77	<10	9	46	4
40082	0.09	132	270	15	<5	8	<10	10	0.02	82	<10	8	10	18
40083	0.12	29	200	100	8	7	<10	3	0.05	141	13	6	170	17
40084	0.08	1852	303	45	56	18	<10	10	0.02	171	11	14	122	13
40085	0.06	719	381	77	664	14	<10	15	<0.01	171	<10	24	255	8
40086	0.08	81	185	<2	16	25	<10	31	0.03	275	<10	65	20	13
40087	0.08	365	191	10	13	33	<10	38	0.02	114	<10	41	15	11
40088	0.07	>10000	313	<2	119	31	<10	30	<0.01	133	<10	33	<1	7
40089	0.07	123	52	<2	11	15	<10	22	0.01	66	<10	50	5	7
40090	0.08	652	101	274	138	16	<10	14	<0.01	107	21	24	229	9
40091	0.14	109	340	400	<5	12	<10	23	0.04	145	<10	9	107	14
40092	0.07	1512	<10	121	17	19	<10	18	<0.01	112	<10	17	18	3
40093	0.06	59	<10	8	<5	12	<10	17	<0.01	59	<10	20	23	14
40094	0.06	21	<10	5	<5	8	<10	12	<0.01	19	15	16	14	10
40095	0.08	114	62	3	10	12	<10	23	0.03	47	<10	21	11	11
40096	0.10	101	452	<2	13	7	<10	<1	0.07	137	<10	11	111	22

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: [signature]

ASSAYERS CANADA

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

5W-1028-RA1

Company: **TEMEX RESOURCES LTD**
Project: Merico-Ethel
Attn: I.Campbell

Jun-01-05

We *hereby certify* the following assay of 24 rock samples submitted May-16-05

Sample Name	U ppm
40051	3
40052	7
40053	11
40054	39
40055	<2
40056	5
40057	<2
40058	3
40059	<2
40060	13
40061	<2
40062	<2
40063	6
40064	41
40065	15
40066	29
40067	<2
40068	4
40069	15
40070	<2
40071	2
40072	3
40073	<2
40074	<2

Certified by [signature]

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

5W-1028-RA2

Company: **TEMEX RESOURCES LTD**
Project: Merico-Ethel
Attn: I.Campbell

Jun-01-05

We *hereby certify* the following assay of 22 rock samples submitted May-16-05

Sample Name	U ppm
40075	6
40076	3
40077	33
40078	<2
40079	5
40080	6
40081	<2
40082	<2
40083	2
40084	<2
40085	12
40086	<2
40087	8
40088	28
40089	<2
40090	4
40091	7
40092	8
40093	6
40094	13
40095	<2
40096	<2

Certified by Denis Chartré

APPENDIX IV

Channel Sample Assay Certificates

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

4W-2539-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Date: NOV-22-04

We hereby certify the following Assay of 39 Channel samples submitted NOV-06-04 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	U	Pt g/tonne	Pd g/tonne	Multi Element	Te PPM
59851	0.18	-	-	Results	0.01	0.03	Results	<2
59852	0.01	-	-	to	0.02	0.03	to	<2
59853	0.03	-	-	follow	0.01	0.03	follow	3
59854	0.04	-	-		0.01	0.04		3
59855	6.21	5.76	6.33		<0.005	<0.005		<2
59856	0.04	-	-		0.01	0.03		<2
59857	0.01	-	-		<0.005	0.01		3
59858	0.01	-	-		<0.005	0.02		<2
59859	0.01	-	-		0.02	0.03		4
59860	0.77	-	6.62		<0.005	<0.005		<2
59861	0.03	-	-		0.02	0.03		<2
59862	0.02	-	-		<0.005	0.02		<2
59863	2.31	-	6.00		<0.005	0.01		<2
59864	0.02	-	-		0.02	0.02		3
59865	1.26	0.93	7.53		<0.005	<0.005		3
59866	2.16	2.19	-		<0.005	0.02		<2
59867	0.03	-	-		0.03	0.05		3
59868	0.28	-	1.79		<0.005	0.01		3
59869	0.01	-	-		0.04	0.05		3
59870	0.03	-	-		0.02	0.03		<2
59871	0.49	-	-		0.01	0.02		<2
59872	0.47	-	2.40		<0.005	<0.005		<2
59873	0.23	0.25	-		0.01	0.03		<2
59874	0.03	-	-		0.01	0.02		<2
59875	0.02	-	-		0.01	0.02		3
59876	1.56	1.45	5.47		<0.005	<0.005		<2
59877	0.01	-	-		<0.005	0.02		<2
59878	0.01	-	-		<0.005	0.01		<2
59879	0.45	-	-		<0.005	<0.005		<2
59880	0.01	-	-		0.02	0.03		<2

Certified by Paul Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Assay Certificate

4W-2539-RA1

Date: NOV-22-04

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

We hereby certify the following Assay of 39 Channel samples submitted NOV-06-04 by .

Sample Number	Au g/tonne	Au Check g/tonne	Cu %	U	Pt g/tonne	Pd g/tonne	Multi Element	Te PPM
59881	0.01	-	-		0.01	0.02		<2
59882	0.19	-	1.55		<0.005	0.01		3
59883	0.01	-	-		0.02	0.03		<2
59884	0.18	-	-		<0.005	<0.005		<2
59885	0.01	-	-		0.02	0.03		3
59886	0.11	-	-		<0.005	<0.005		<2
59887	0.01	-	-		0.02	0.03		3
59888	0.01	-	-		0.03	0.04		<2
59889	0.48	0.45	5.45		<0.005	<0.005		<2

Certified by Paul Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

ASSAYERS CANADA

Assayers Canada
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Vancouver, B.C.
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Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

4W-2539-RA2

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Nov-17-04

We *hereby certify* the following assay of 15 channel samples submitted Nov-12-04

Sample Name	U ppm
59875	12
59876	22
59877	9
59878	18
59879	28
59880	19
59881	12
59882	33
59883	18
59884	14
59885	9
59886	20
59887	14
59888	14
59889	26

Certified by Judy Pelon

Assayers Canada
8282 Sherbrooke St.
Vancouver, B.C.
V5X 4R6
Tel: (604) 327-3436
Fax: (604) 327-3423

Quality Assaying for over 25 Years

Assay Certificate

4W-2539-RA1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico-Ethel
Attn: I. Campbell

Nov-17-04

We *hereby certify* the following assay of 24 channel samples submitted Nov-12-04

Sample Name	U ppm
59851	14
59852	15
59853	20
59854	19
59855	29
59856	18
59857	12
59858	17
59859	16
59860	30
59861	16
59862	15
59863	29
59864	13
59865	24
59866	16
59867	13
59868	11
59869	13
59870	12
59871	14
59872	15
59873	15
59874	18

Certified by ________

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

TEMEX RESOURCES CORPORATION

Attention: I. Campbell

Project: Merico-Ethel

Sample: Channel

Report No : 4W2539 RJ

Date : Nov-19-04

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
59851	<0.2	3.12	<5	50	<0.5	<5	1.88	<1	56	72	139	5.65	0.13	3.61	510	<2	0.23	284	118	9	7	5	<10	21	0.02	48	<10	1	53	4
59852	<0.2	2.89	<5	65	<0.5	<5	2.00	<1	48	76	135	4.73	0.18	3.15	465	<2	0.23	259	106	34	<5	4	<10	24	0.02	40	<10	1	56	3
59853	<0.2	4.01	<5	39	0.6	<5	1.82	<1	136	177	1027	7.79	0.11	6.25	1107	<2	0.12	294	135	28	13	13	<10	4	0.05	98	<10	5	152	6
59854	<0.2	3.56	<5	44	0.8	<5	4.15	<1	237	237	987	6.12	0.04	5.3[illegible]	1435	<2	0.06	302	203	9	8	10	<10	<1	0.08	127	<10	8	143	9
59855	8.6	1.58	923	44	1.1	<5	13.28	<1	2680	110	>10000	8.99	<0.01	2.03	1784	<2	0.03	319	767	112	10	13	<10	14	0.03	69	13	37	59	6
59856	1.4	3.94	<5	40	<0.5	<5	3.13	<1	104	202	1122	6.58	0.05	6.76	1451	<2	0.06	330	211	43	14	7	<10	3	0.07	102	<10	8	208	8
59857	<0.2	3.89	<5	53	<0.5	<5	2.49	<1	28	139	200	3.10	0.15	2.17	403	<2	0.31	138	199	177	7	3	<10	38	0.05	89	<10	2	155	4
59858	<0.2	4.06	<5	60	<0.5	<5	3.49	2	41	150	189	4.86	0.13	4.49	943	<2	0.24	274	166	572	9	5	<10	22	0.05	80	<10	3	588	5
59859	<0.2	2.78	<5	48	<0.5	<5	3.69	<1	53	207	695	4.42	0.09	4.13	818	<2	0.08	127	140	21	6	4	<10	4	0.04	75	<10	6	106	6
59860	3.7	0.96	1859	25	<0.5	<5	12.03	<1	2084	113	>10000	8.25	0.02	1.24	1938	<2	0.02	331	770	113	10	8	<10	13	0.01	46	14	32	49	5
59861	<0.2	2.89	<5	42	<0.5	<5	3.42	<1	97	188	797	4.65	0.12	3.94	955	<2	0.11	106	175	7	12	5	<10	6	0.06	91	<10	6	99	7
59862	<0.2	3.17	<5	61	0.9	<5	3.17	<1	106	261	545	5.34	0.29	3.19	947	<2	0.17	100	141	7	12	10	<10	11	0.06	116	<10	10	59	8
59863	3.1	1.40	779	33	<0.5	<5	9.90	<1	2802	115	>10000	9.08	0.01	1.44	2096	4	0.02	214	1125	101	8	15	<10	11	0.01	71	13	24	28	6
59864	<0.2	3.10	<5	59	<0.5	<5	2.76	<1	57	171	1927	4.04	0.20	2.70	612	<2	0.19	93	186	16	7	5	<10	15	0.05	84	<10	5	64	6
59865	0.6	1.14	6	24	<0.5	<5	2.84	<1	687	276	>10000	10.20	<0.01	1.36	494	<2	0.01	59	905	117	<5	6	<10	<1	0.01	49	22	4	75	6
59866	0.4	3.70	<5	62	0.7	<5	1.00	<1	46	236	8973	7.87	0.11	5.18	959	<2	0.10	102	268	31	12	13	<10	<1	0.07	128	<10	9	119	10
59867	<0.2	3.40	<5	88	0.7	<5	2.22	<1	50	205	633	4.75	0.22	2.83	554	<2	0.23	99	226	17	11	7	<10	19	0.06	123	<10	6	57	7
59868	0.5	1.99	<5	32	<0.5	<5	0.23	<1	437	295	>10000	8.36	0.02	2.73	801	<2	0.03	83	449	62	9	9	<10	<1	0.04	70	<10	14	62	8
59869	<0.2	3.07	<5	40	<0.5	<5	2.15	1	27	139	304	3.55	0.15	1.97	349	<2	0.21	77	179	18	9	4	<10	21	0.04	93	<10	5	41	5
59870	<0.2	2.98	<5	47	<0.5	<5	2.15	<1	25	157	215	3.21	0.18	1.98	350	<2	0.22	86	169	40	8	4	<10	21	0.04	78	<10	3	46	4
59871	1.1	3.53	<5	78	1.2	<5	0.42	<1	167	221	5386	8.93	0.06	4.97	643	<2	0.06	119	230	87	10	14	<10	<1	0.07	124	<10	8	103	10
59872	2.4	0.58	16	25	0.7	<5	0.46	<1	1021	52	>10000	8.49	<0.01	0.61	274	<2	0.01	71	328	122	<5	5	<10	<1	<0.01	28	<10	6	19	4
59873	<0.2	4.15	<5	51	1.0	<5	0.32	<1	58	257	1093	8.31	0.06	6.18	797	<2	0.06	111	195	58	15	15	<10	<1	0.07	143	<10	7	121	10
59874	<0.2	3.14	<5	55	<0.5	<5	1.21	<1	30	186	5735	6.54	0.11	3.66	527	<2	0.12	98	217	35	7	10	<10	4	0.05	99	<10	5	64	9
59875	<0.2	2.85	<5	69	<0.5	<5	1.67	<1	33	131	559	4.20	0.10	2.76	512	<2	0.14	96	208	36	6	5	<10	13	0.05	89	<10	3	75	6
59876	6.6	1.76	9	32	<0.5	<5	1.57	<1	625	135	>10000	10.02	0.02	2.48	600	<2	0.03	92	1346	886	<5	10	<10	<1	0.03	60	15	5	98	8
59877	<0.2	3.03	<5	70	<0.5	<5	1.86	<1	20	120	387	3.15	0.09	2.10	421	<2	0.18	80	177	218	<5	3	<10	21	0.05	73	<10	3	58	5
59878	<0.2	4.68	<5	43	0.9	<5	2.02	<1	74	215	424	7.89	0.06	5.12	1323	<2	0.11	191	181	17	7	16	<10	2	0.08	144	<10	9	111	9
59879	0.7	0.14	<5	11	0.8	<5	>15.00	2	6	39	5808	1.24	<0.01	0.18	4192	6	0.02	7	128	14	<5	8	<10	45	<0.01	13	<10	63	2	1
59880	<0.2	2.34	<5	57	0.6	<5	8.65	<1	21	125	3360	4.30	0.11	2.51	1077	<2	0.11	93	222	10	<5	7	<10	15	0.05	82	<10	23	52	6

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Paul Chartre

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

TEMEX RESOURCES CORPORATION

Attention: I. Campbell

Project: Merico-Ethel

Sample: Channel

Report No : **4W2539 RJ**

Date : Nov-19-04

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
59881	<0.2	2.88	<5	62	<0.5	<5	2.71	<1	24	110	181	3.24	0.15	2.11	513	<2	0.20	113	164	4	<5	5	<10	19	0.05	91	<10	4	37	5
59882	0.3	2.87	7	50	1.5	<5	>15.00	<1	66	140	>10000	8.14	0.02	3.23	2763	2	0.02	117	475	41	<5	15	<10	14	0.04	102	<10	55	61	7
59883	<0.2	4.03	24	37	0.5	<5	2.86	<1	64	148	262	5.60	0.06	4.30	897	<2	0.13	320	170	13	<5	8	<10	9	0.05	84	<10	5	73	6
59884	0.8	1.68	12	46	0.7	<5	1.03	<1	45	258	8794	5.51	0.01	1.80	1223	<2	0.02	55	459	37	6	15	<10	<1	0.04	66	<10	23	44	5
59885	<0.2	2.58	9	46	<0.5	<5	1.88	<1	27	107	272	3.30	0.12	2.09	543	<2	0.13	76	208	5	<5	4	<10	13	0.05	90	<10	4	51	6
59886	1.9	2.28	<5	52	0.6	<5	0.98	<1	27	188	5698	7.35	<0.01	3.15	856	<2	0.02	73	324	46	5	15	<10	<1	0.04	97	<10	12	72	7
59887	<0.2	4.75	38	48	0.9	<5	1.52	<1	86	132	322	6.82	0.05	5.15	1179	13	0.10	298	216	14	<5	8	<10	3	0.07	195	<10	10	87	8
59888	<0.2	4.42	<5	61	<0.5	<5	2.50	<1	30	36	144	4.14	0.12	3.06	495	<2	0.30	228	170	4	<5	3	<10	31	0.04	64	<10	2	54	4
59889	0.7	1.17	16	30	<0.5	<5	5.44	<1	496	55	>10000	8.48	<0.01	1.48	1375	<2	0.02	43	1550	103	<5	8	<10	<1	<0.01	52	<10	15	65	5

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:

APPENDIX V

Soil Sample Index

Sample #	East Nad27 z17	North Nad27 z17	Colour	Depth(cm)	Certificate #	Au_ave ppb	Au ppb	Au check ppb	Ag_ppm	Al_pct	As_ppm	Ba_ppm
ME0001	554321	5288872	MED. BRN.	50	4W2807SJ	0	0	N.A.	0.1	0.66	2.5	16
ME0002	554316	5288794	LT. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.46	2.5	32
ME0003	554321	5288754	LT. BRN.	20	4W2807SJ	0	0	N.A.	0.1	2.21	2.5	18
ME0004	554327	5288727	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.02	2.5	44
ME0005	554335	5288628	LT. BRN.	25	4W2807SJ	0	0	N.A.	0.1	2.96	2.5	25
ME0006	554328	5288528	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.84	2.5	28
ME0007	554321	5288473	MED. BRN.	25	4W2807SJ	1.5	3	0	0.1	2.17	2.5	25
ME0008	554331	5288465	MED. BRN.	20	4W2807SJ	0	0	N.A.	0.1	2.06	2.5	23
ME0009	554330	5288381	LT. BRN.	25	4W2807SJ	0	0	N.A.	0.1	1.74	2.5	35
ME0010	554330	5288343	MED. BRN.	20	4W2807SJ	0	0	N.A.	0.1	1.73	2.5	43
ME0011	554326	5288277	LT. BRN.	15	4W2807SJ	2	2	N.A.	0.1	1.39	2.5	41
ME0012	554327	5288229	LT. BRN.	15	4W2807SJ	0	0	N.A.	0.1	1	2.5	30
ME0013	554324	5288181	LT. BRN.	15	4W2807SJ	0	0	N.A.	0.1	1.16	2.5	21
ME0014	554334	5287925	DRK. BRN.	40	4W2807SJ	0	0	N.A.	0.1	2.76	2.5	26
ME0015	554330	5287878	LT. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.1	2.5	19
ME0016	554334	5287769	MED. BRN.	20	4W2807SJ	0	0	N.A.	0.1	1.37	2.5	21
ME0017	554336	5287722	DRK. BRN.	20	4W2807SJ	0	0	N.A.	0.1	0.78	2.5	27
ME0018	554340	5287653	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.2	2.55	2.5	64
ME0019	554351	5285802	MED. BRN.	35	4W2807SJ	0	0	N.A.	0.1	0.85	2.5	29
ME0020	554349	5285831	DRK. BRN.	35	4W2807SJ	2.5	0	5	0.1	1.91	2.5	24
ME0021	554351	5285900	DRK. BRN.	35	4W2807SJ	0	0	N.A.	0.1	3.07	6	22
ME0022	554343	5285962	LT. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.42	2.5	75
ME0023	554345	5286048	LT. BRN.	30	4W2807SJ	0	0	N.A.	0.1	0.49	2.5	34
ME0024	554351	5286089	MED. BRN.	25	4W2807SJ	0	0	N.A.	0.1	2.35	2.5	53
ME0025	554353	5286133	LT. BRN.	25	4W2807SJ	0	0	N.A.	0.1	2.54	2.5	71
ME0026	554354	5286172	LT. BRN.	25	4W2807SJ	0	0	N.A.	0.1	0.94	2.5	27
ME0027	554350	5286234	LT. BRN.	20	4W2807SJ	0	0	N.A.	5.3	0.97	275	22
ME0028	554342	5286281	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.7	15	32
ME0029	554345	5286326	LT. BRN.	40	4W2807SJ	0	0	N.A.	0.1	0.9	2.5	15
ME0030	554346	5286367	MED. BRN.	30	4W2807SJ	10	10	N.A.	0.1	1.37	2.5	31
ME0031	554348	5286461	LT. BRN.	20	4W2807SJ	2	2	N.A.	0.1	1.75	2.5	59
ME0032	554345	5286484	MED. BRN.	35	4W2807SJ	0	0	N.A.	0.1	2.01	2.5	81
ME0033	554341	5286578	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.12	2.5	32
ME0034	554350	5286607	LT. BRN.	30	4W2807SJ	0	0	N.A.	1	1.26	6	23
ME0035	554349	5285781	DRK. BRN.	20	4W2807SJ	0	0	N.A.	0.1	1.74	2.5	30
ME0036	554358	5285740	MED. BRN.	20	4W2807SJ	0	0	N.A.	0.3	2.27	2.5	44

Sample #	East Nad27 z17	North Nad27 z17	Colour	Depth(cm)	Certificate #	Au_ave ppb	Au ppb	Au check ppb	Ag_ppm	Al_pct	As_ppm	Ba_ppm
ME0037	554350	5285681	MED. BRN.	35	4W2807SJ	0	0	N.A.	0.1	1.68	2.5	45
ME0038	554351	5285706	MED. BRN.	35	4W2807SJ	2.5	5	0	0.2	1.58	2.5	37
ME0150	554119	5288802	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.43	2.5	44
ME0151	554121	5288778	DRK. BRN.	35	4W2807SJ	0	0	N.A.	0.1	2.6	2.5	42
ME0152	554123	5288687	DRK. BRN.	35	4W2807SJ	0	0	N.A.	0.1	2.11	2.5	33
ME0153	554125	5288627	DRK. BRN.	35	4W2807SJ	3	3	N.A.	0.1	3.67	2.5	25
ME0154	554125	5288558	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.12	2.5	34
ME0155	554128	5288529	DRK. BRN.	40	4W2807SJ	0	0	N.A.	0.1	2.46	2.5	32
ME0156	554127	5288476	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.18	2.5	35
ME0157	554129	5288177	DRK. BRN.	25	4W2807SJ	0	0	N.A.	0.1	0.97	2.5	26
ME0158	554126	5288149	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.57	2.5	36
ME0159	554127	5288124	LT. BRN.	35	4W2807SJ	0	0	N.A.	0.1	1.15	2.5	27
ME0160	554127	5287898	MED. BRN.	30	4W2807SJ	2	2	N.A.	0.1	1.35	2.5	26
ME0161	554131	5287925	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.25	2.5	26
ME0162	554125	5287881	MED. BRN.	35	4W2807SJ	0	0	N.A.	0.1	1.01	2.5	19
ME0163	554131	5287795	DRK. BRN.	35	4W2807SJ	2	2	N.A.	0.1	2.11	2.5	26
ME0164	554132	5287774	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.7	2.5	22
ME0166	554130	5287653	DRK. BRN.	35	4W2807SJ	0	0	N.A.	0.1	0.77	2.5	29
ME0167	554129	5287617	DRK. BRN.	45	4W2807SJ	0	0	N.A.	0.1	2.72	2.5	27
ME0168	554141	5287590	DRK. BRN.	40	4W2807SJ	0	0	N.A.	0.1	2	2.5	30
ME0169	554127	5287525	DRK. BRN.	40	4W2807SJ	0	0	N.A.	0.1	2.07	2.5	26
ME0170	554131	5287436	MED. BRN.	30	4W2807SJ	1.5	0	3	0.1	2.26	2.5	49
ME0172	554130	5287227	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	3.24	2.5	57
ME0173	554137	5287176	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	3.15	2.5	25
ME0174	554155	5285423	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.6	0.88	2.5	68
ME0175	554160	5285467	MED. BRN.	40	4W2807SJ	0	0	N.A.	0.4	1.51	2.5	28
ME0176	554156	5285528	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.22	2.5	34
ME0177	554155	5285576	DRK. BRN.	35	4W2807SJ	0	0	N.A.	0.1	1.22	2.5	25
ME0178	554154	5285726	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.79	169	23
ME0179	554155	5285757	LT. BRN.	30	4W2807SJ	1.5	3	0	0.3	0.91	2.5	20
ME0180	554153	5285795	MED. BRN.	35	4W2807SJ	0	0	N.A.	0.1	1.77	2.5	28
ME0222	555118	5289039	LT. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.53	2.5	38
ME0223	555117	5288985	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	0.91	2.5	26
ME0224	555118	5288861	LT. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.05	2.5	17
ME0225	555120	5288838	LT. BRN.	40	4W2807SJ	0	0	N.A.	0.1	0.96	2.5	17
ME0226	555134	5288694	MED. BRN.	25	4W2807SJ	0	0	N.A.	0.1	0.96	2.5	19

Sample #	East Nad27 z17	North Nad27 z17	Colour	Depth(cm)	Certificate #	Au_ave ppb	Au ppb	Au check ppb	Ag_ppm	Al_pct	As_ppm	Ba_ppm
ME0227	555122	5288638	DRK. BRN.	40	4W2807SJ	0	0	N.A.	0.1	1.31	2.5	24
ME0228	555122	5288614	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.61	2.5	47
ME0229	555129	5288413	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	2.58	2.5	26
ME0230	555127	5288384	MED. BRN.	30	4W2807SJ	0	0	N.A.	0.1	0.86	2.5	41
ME0231	555126	5288333	LT. BRN.	20	4W2807SJ	0	0	N.A.	0.1	1.68	2.5	54
ME0232	555128	5288283	MED. BRN.	20	4W2807SJ	0	0	N.A.	0.1	2.04	2.5	43
ME0233	555128	5288233	LT. BRN.	20	4W2807SJ	0	0	N.A.	0.1	2.33	2.5	47
ME0234	555128	5288191	LT. BRN.	20	4W2807SJ	0	0	N.A.	0.1	1.93	2.5	35
ME0235	555123	5288161	LT. BRN.	30	4W2807SJ	0	0	N.A.	0.1	0.8	2.5	18
ME0236	555133	5287960	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.52	2.5	41
ME0237	555137	5287932	DRK. BRN.	30	4W2807SJ	0	0	N.A.	0.1	1.46	2.5	30
ME0238	555135	5287838	DRK. BRN.	20	4W2808SJ	2	2	N.A.	0.1	1.81	2.5	25
ME0239	555137	5287783	LT. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.44	2.5	57
ME0240	555139	5287733	DRK. BRN.	20	4W2808SJ	5	5	N.A.	0.1	1.01	2.5	24
ME0241	555140	5287558	MED. BRN.	30	4W2808SJ	2	2	N.A.	0.1	2.28	2.5	52
ME0242	555143	5287535	MED. BRN.	30	4W2808SJ	0	0	N.A.	0.1	2.33	2.5	41
ME0243	555144	5287485	MED. BRN.	30	4W2808SJ	0	0	N.A.	0.1	0.91	2.5	25
ME0244	555143	5287462	DRK. BRN.	20	4W2808SJ	15.5	17	14	0.1	2.25	5	39
ME0245	555145	5287230	DRK. BRN.	30	4W2808SJ	2	2	N.A.	0.4	1.25	2.5	38
ME0246	555152	5287185	DRK. BRN.	30	4W2808SJ	6	5	7	0.1	1.51	7	45
ME0247	555157	5287084	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.49	2.5	21
ME0248	555150	5286986	MED. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.43	2.5	39
ME0249	555151	5286937	MED. BRN.	20	4W2808SJ	9	9	N.A.	0.1	1.49	2.5	31
ME0250	555150	5286709	LT. BRN.	15	4W2808SJ	0	0	N.A.	0.1	1.47	2.5	27
ME0251	555152	5286686	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.65	2.5	45
ME0252	555152	5286635	LT. BRN.	20	4W2808SJ	0	0	N.A.	0.1	0.99	2.5	44
ME0253	554947	5286598	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.98	2.5	32
ME0254	554944	5286662	DRK. BRN.	20	4W2808SJ	9	9	N.A.	0.1	3.29	2.5	24
ME0255	554946	5286686	MED. BRN.	20	4W2808SJ	3	3	N.A.	0.1	2.26	2.5	19
ME0256	554942	5286736	LT. BRN.	20	4W2808SJ	3	3	N.A.	0.1	2.32	2.5	30
ME0257	554948	5286787	MED. BRN.	20	4W2808SJ	2	2	N.A.	0.5	2.08	2.5	33
ME0258	554954	5286861	LT. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.64	2.5	19
ME0259	554944	5286888	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.1	0.83	2.5	26
ME0260	554943	5286986	MED. BRN.	20	4W2808SJ	0	0	N.A.	0.1	2.78	2.5	24
ME0261	554942	5287039	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.4	3.47	2.5	32
ME0262	554943	5287089	MED. BRN.	20	4W2808SJ	0	0	N.A.	0.1	2.08	2.5	62

Sample #	East Nad27 z17	North Nad27 z17	Colour	Depth(cm)	Certificate #	Au_ave ppb	Au ppb	Au check ppb	Ag_ppm	Al_pct	As_ppm	Ba_ppm
ME0263	554944	5287141	DRK. BRN.	30	4W2808SJ	3	3	N.A.	0.1	1.84	2.5	34
ME0264	554940	5287187	DRK. BRN.	25	4W2808SJ	0	0	N.A.	0.1	1.47	2.5	27
ME0265	554943	5287238	LT. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.85	2.5	35
ME0266	554943	5287288	DRK. BRN.	15	4W2808SJ	0	0	N.A.	0.1	1.55	2.5	66
ME0267	554942	5287340	MED. BRN.	15	4W2808SJ	0	0	N.A.	0.1	1.69	2.5	35
ME0268	554938	5287385	LT. BRN.	15	4W2808SJ	0	0	N.A.	0.1	1.24	2.5	38
ME0269	554939	5287441	MED. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.24	2.5	44
ME0270	554940	5287488	MED. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.28	2.5	18
ME0271	554938	5287584	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.12	2.5	34
ME0272	554938	5287639	DRK. BRN.	15	4W2808SJ	0	0	N.A.	0.1	1.33	2.5	38
ME0273	554937	5287711	LT. BRN.	40	4W2808SJ	3	3	N.A.	0.1	1.58	2.5	74
ME0274	554934	5287808	DRK. BRN.	30	4W2808SJ	4	5	3	0.1	2.29	2.5	28
ME0275	554934	5287855	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	2.51	2.5	36
ME0276	554936	5287883	DRK. BRN.	30	4W2808SJ	14	14	14	0.1	2.7	6	25
ME0277	554930	5288109	LT. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.47	2.5	43
ME0278	554930	5288132	MED. BRN.	30	4W2808SJ	0	0	N.A.	0.1	0.72	2.5	20
ME0279	554930	5288255	LT. BRN.	15	4W2808SJ	0	0	N.A.	0.1	1.25	2.5	29
ME0280	554930	5288280	LT. BRN.	40	4W2808SJ	0	0	N.A.	0.1	1.24	2.5	21
ME0281	555526	5288742	LT. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.08	2.5	15
ME0282	555519	5288918	LT. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.06	2.5	15
ME0283	555524	5288942	LT. BRN.	15	4W2808SJ	0	0	N.A.	0.1	1.13	2.5	19
ME0284	555528	5288986	LT. BRN.	15	4W2808SJ	3	3	N.A.	0.1	1.25	2.5	34
ME0285	555527	5288662	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.03	2.5	14
ME0286	555528	5288633	DRK. BRN.	20	4W2808SJ	2	2	N.A.	0.1	1.01	2.5	18
ME0287	555527	5288555	MED. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.31	2.5	25
ME0288	555524	5288533	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.29	2.5	30
ME0289	555525	5288483	LT. BRN.	40	4W2808SJ	0	0	N.A.	0.1	1.42	2.5	30
ME0290	555526	5288435	LT. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.33	2.5	32
ME0292	554916	5288937	LT. BRN.	30	4W2808SJ	2.5	5	0	0.1	0.77	2.5	20
ME0293	554922	5288884	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.54	2.5	16
ME0294	554920	5288833	LT. BRN.	35	4W2808SJ	0	0	N.A.	0.1	1.17	2.5	14
ME0295	554922	5288808	MED. BRN.	40	4W2808SJ	0	0	N.A.	0.1	0.91	2.5	22
ME0296	554721	5288752	DRK. BRN.	30	4W2808SJ	2	2	N.A.	0.1	1.35	2.5	17
ME0297	554742	5287209	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.5	1.16	2.5	37
ME0298	554739	5287005	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.87	2.5	41
ME0299	554745	5286863	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	0.54	2.5	16

Sample #	East Nad27 z17	North Nad27 z17	Colour	Depth(cm)	Certificate #	Au_ave ppb	Au ppb	Au check ppb	Ag_ppm	Al_pct	As_ppm	Ba_ppm
ME0300	554741	5286786	DRK. BRN.	30	4W2808SJ	3	3	N.A.	0.1	1.2	2.5	36
ME0301	554741	5286731	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.19	2.5	33
ME0302	554740	5286681	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.2	1.65	2.5	52
ME0303	554746	5286609	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.03	2.5	19
ME0304	554745	5286581	DRK. BRN.	35	4W2808SJ	0	0	N.A.	0.1	1.27	2.5	25
ME0305	555551	5286586	DRK. BRN.	30	4W2808SJ	2.5	5	0	0.1	0.96	2.5	42
ME0306	555553	5286637	LT. BRN.	35	4W2808SJ	0	0	N.A.	0.1	1.5	2.5	28
ME0307	555548	5286689	LT. BRN.	35	4W2808SJ	0	0	N.A.	0.1	1.9	2.5	49
ME0308	555549	5286736	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.1	0.89	13	28
ME0309	555549	5286790	LT. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.55	2.5	37
ME0310	555548	5286847	DRK. BRN.	25	4W2808SJ	0	0	N.A.	0.1	1.22	2.5	23
ME0311	555548	5286917	MED. BRN.	20	4W2808SJ	12	12	N.A.	0.1	1.6	2.5	28
ME0312	555548	5286967	DRK. BRN.	20	4W2808SJ	2	2	N.A.	0.1	0.76	2.5	21
ME0313	555547	5287016	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.66	2.5	20
ME0314	555547	5287043	DRK. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.72	2.5	26
ME0315	555545	5287116	DRK. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.01	2.5	29
ME0316	555545	5287142	DRK. BRN.	20	4W2808SJ	5	5	N.A.	0.1	1.83	2.5	35
ME0317	555546	5287167	MED. BRN.	30	4W2808SJ	2	2	N.A.	0.1	1.82	2.5	31
ME0318	555542	5287364	MED. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.74	2.5	39
ME0319	555539	5287440	MED. BRN.	30	4W2808SJ	0	0	N.A.	0.1	1.59	2.5	52
ME0320	555539	5287490	MED. BRN.	20	4W2808SJ	0	0	N.A.	0.1	1.09	2.5	47
ME0321	555539	5287539	DRK. BRN.	25	4W2808SJ	0	0	N.A.	0.1	1.94	2.5	54
ME0322	555539	5287613	DRK. BRN.	20	4W2809SJ	0	0	N.A.	0.1	1.87	2.5	23
ME0323	555537	5287639	DRK. BRN.	20	4W2809SJ	0	0	N.A.	0.1	1.66	2.5	42
ME0324	555534	5287688	DRK. BRN.	15	4W2809SJ	0	0	N.A.	0.1	1.82	2.5	25
ME0325	555536	5287766	LT. BRN.	15	4W2809SJ	0	0	N.A.	0.1	2.09	2.5	42
ME0326	555538	5287790	LT. BRN.	20	4W2809SJ	0	0	N.A.	0.1	2.33	2.5	82
ME0327	555534	5287889	MED. BRN.	20	4W2809SJ	0	0	N.A.	0.1	2.18	2.5	29
ME0328	555533	5288019	MED. BRN.	15	4W2809SJ	0	0	N.A.	0.1	1.69	2.5	26
ME0329	555529	5288118	DRK. BRN.	40	4W2809SJ	0	0	N.A.	0.1	0.97	2.5	35
ME0330	555529	5288149	MED. BRN.	30	4W2809SJ	0	0	0	0.1	1.23	2.5	54
ME0331	555529	5288188	DRK. BRN.	20	4W2809SJ	0	0	N.A.	0.1	1.31	2.5	56
ME0332	555528	5288242	MED. BRN.	35	4W2809SJ	0	0	N.A.	0.1	0.85	2.5	29

Sample #	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	K_pct1	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm
ME0001	0.25	2.5	0.17	0.5	5	22	7	1.06	0.01	0.27	94	1	0.01	17	405	1
ME0002	0.25	2.5	0.1	0.5	7	31	6	1.74	0.02	0.25	74	1	0.01	20	263	3
ME0003	0.25	2.5	0.09	0.5	6	32	14	1.46	0.01	0.16	46	1	0.04	25	288	1
ME0004	0.25	2.5	0.11	0.5	9	37	17	1.61	0.02	0.31	74	1	0.01	30	221	1
ME0005	0.25	2.5	0.08	0.5	8	43	12	2.01	0.02	0.2	59	1	0.03	34	295	1
ME0006	0.25	2.5	0.1	0.5	7	57	46	2.3	0.02	0.2	58	1	0.04	27	442	1
ME0007	0.25	2.5	0.1	0.5	5	40	15	1.79	0.01	0.21	47	1	0.03	15	309	2
ME0008	0.25	2.5	0.06	0.5	5	33	18	1.64	0.01	0.17	46	1	0.01	17	270	1
ME0009	0.25	2.5	0.08	0.5	7	35	10	1.66	0.02	0.26	108	1	0.01	21	528	1
ME0010	0.25	2.5	0.13	0.5	7	37	21	1.57	0.03	0.3	112	1	0.01	25	605	3
ME0011	0.25	2.5	0.09	0.5	6	31	6	1.48	0.03	0.28	123	1	0.01	20	482	1
ME0012	0.25	2.5	0.1	0.5	5	24	3	1.36	0.03	0.18	135	1	0.01	14	622	2
ME0013	0.25	2.5	0.13	0.5	7	28	6	1.3	0.03	0.28	105	1	0.01	20	337	3
ME0014	0.25	2.5	0.13	0.5	6	35	68	2.01	0.01	0.27	69	1	0.01	18	496	11
ME0015	0.25	2.5	0.15	0.5	9	34	77	2.03	0.02	0.31	112	1	0.02	18	491	37
ME0016	0.25	2.5	0.07	0.5	5	21	16	1.42	0.005	0.14	40	1	0.01	11	152	45
ME0017	0.25	2.5	0.08	0.5	5	16	13	1.05	0.01	0.16	63	1	0.01	8	139	21
ME0018	0.25	2.5	0.12	0.5	10	43	16	2.47	0.02	0.27	162	1	0.01	33	1021	3
ME0019	0.25	2.5	0.08	0.5	5	19	6	1.35	0.02	0.15	55	1	0.01	9	186	8
ME0020	0.25	2.5	0.1	0.5	8	36	13	1.84	0.01	0.26	72	1	0.02	18	302	1
ME0021	0.25	2.5	0.06	0.5	13	35	39	2.49	0.01	0.16	44	1	0.01	14	339	1
ME0022	0.25	2.5	0.16	0.5	11	37	13	2.12	0.01	0.37	160	1	0.01	25	201	4
ME0023	0.25	2.5	0.07	0.5	4	13	5	0.82	0.005	0.1	216	1	0.01	7	121	3
ME0024	0.25	2.5	0.13	0.5	11	41	10	2.42	0.02	0.31	172	1	0.02	30	550	1
ME0025	0.25	2.5	0.1	0.5	10	37	5	2.7	0.02	0.21	122	1	0.01	23	377	1
ME0026	0.25	2.5	0.08	0.5	4	13	3	0.8	0.01	0.09	39	1	0.01	7	123	6
ME0027	0.25	2.5	0.07	0.5	13	19	35	2.09	0.01	0.12	52	1	0.01	10	194	77
ME0028	0.25	2.5	0.11	0.5	21	38	34	2.29	0.02	0.28	75	2	0.01	23	246	1
ME0029	0.25	2.5	0.1	0.5	4	18	8	0.98	0.005	0.17	49	1	0.01	10	181	4
ME0030	0.25	2.5	0.08	0.5	6	29	7	2.39	0.02	0.16	52	1	0.02	13	317	11
ME0031	0.25	2.5	0.1	0.5	8	32	5	2	0.02	0.22	80	1	0.01	21	280	1
ME0032	0.25	2.5	0.13	0.5	7	33	7	1.58	0.02	0.21	114	1	0.02	19	266	1
ME0033	0.25	2.5	0.1	0.5	10	36	32	1.99	0.02	0.24	69	1	0.01	19	298	9
ME0034	0.25	2.5	0.15	0.5	7	25	25	1.99	0.01	0.27	176	1	0.01	14	408	8
ME0035	0.25	2.5	0.12	0.5	7	34	10	2.25	0.01	0.26	82	1	0.01	18	521	1
ME0036	0.25	2.5	0.1	0.5	8	36	33	2.05	0.02	0.21	127	1	0.01	21	540	2

Sample #	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	K_pct1	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm
ME0037	0.25	2.5	0.14	0.5	16	34	47	1.93	0.02	0.33	101	1	0.02	26	333	9
ME0038	0.25	2.5	0.12	0.5	14	32	37	2.17	0.02	0.28	121	1	0.01	22	340	11
ME0150	0.25	2.5	0.07	0.5	6	26	7	1.42	0.02	0.18	66	1	0.01	15	160	3
ME0151	0.25	2.5	0.07	0.5	9	41	6	2.43	0.03	0.2	64	1	0.01	24	296	1
ME0152	0.25	2.5	0.06	0.5	7	42	13	2.01	0.02	0.2	53	1	0.01	28	247	3
ME0153	0.25	2.5	0.08	0.5	9	58	14	2.99	0.02	0.28	62	1	0.01	45	380	1
ME0154	0.25	2.5	0.07	0.5	7	54	11	3.14	0.02	0.24	60	1	0.01	20	225	3
ME0155	0.25	2.5	0.08	0.5	6	43	13	2.67	0.02	0.14	38	1	0.01	17	276	3
ME0156	0.25	2.5	0.07	0.5	7	40	16	2.13	0.02	0.28	50	1	0.01	28	186	7
ME0157	0.25	2.5	0.07	0.5	3	20	3	1.52	0.02	0.1	61	1	0.01	9	435	9
ME0158	0.25	2.5	0.11	0.5	7	29	5	1.65	0.02	0.22	144	1	0.01	19	717	1
ME0159	0.25	2.5	0.16	0.5	8	27	10	1.41	0.02	0.31	101	1	0.02	21	378	1
ME0160	0.25	2.5	0.05	0.5	5	22	3	1.58	0.02	0.14	55	1	0.01	10	259	1
ME0161	0.25	2.5	0.08	0.5	9	42	4	2.56	0.02	0.26	91	1	0.01	23	414	1
ME0162	0.25	2.5	0.09	0.5	6	27	13	1.93	0.02	0.25	79	1	0.01	13	319	1
ME0163	0.25	2.5	0.07	0.5	6	33	16	1.94	0.01	0.19	59	1	0.01	15	221	1
ME0164	0.25	2.5	0.05	0.5	5	27	19	2.22	0.01	0.13	42	1	0.01	9	250	5
ME0166	0.25	2.5	0.05	0.5	5	21	17	1.79	0.01	0.14	44	1	0.01	9	171	9
ME0167	0.25	2.5	0.05	0.5	7	33	25	3.27	0.01	0.15	49	1	0.01	13	310	16
ME0168	0.25	2.5	0.06	0.5	6	34	14	2.84	0.01	0.18	53	1	0.01	13	205	6
ME0169	0.25	2.5	0.05	0.5	6	36	15	2.16	0.01	0.13	39	1	0.01	16	239	16
ME0170	0.25	2.5	0.11	0.5	8	30	24	2.22	0.02	0.18	61	1	0.01	20	208	5
ME0172	0.25	2.5	0.06	0.5	12	46	15	2.9	0.02	0.17	67	1	0.01	24	398	2
ME0173	0.25	2.5	0.07	0.5	7	31	36	1.93	0.02	0.26	105	1	0.01	16	800	4
ME0174	0.25	2.5	0.23	0.5	6	20	20	1.2	0.02	0.12	78	1	0.01	12	271	11
ME0175	0.25	2.5	0.07	0.5	4	23	12	1.6	0.02	0.12	47	1	0.01	10	270	5
ME0176	0.25	2.5	0.05	0.5	5	22	13	1.68	0.01	0.1	44	1	0.01	9	212	5
ME0177	0.25	2.5	0.12	0.5	8	29	15	1.91	0.01	0.29	80	1	0.01	17	286	6
ME0178	0.25	2.5	0.1	0.5	94	32	308	1.6	0.02	0.23	135	1	0.01	34	470	4
ME0179	0.25	2.5	0.05	0.5	8	12	27	0.84	0.01	0.05	29	1	0.01	5	129	4
ME0180	0.25	2.5	0.11	0.5	8	36	17	1.9	0.01	0.31	79	1	0.02	16	264	1
ME0222	0.25	2.5	0.14	0.5	8	36	6	1.52	0.03	0.38	108	1	0.02	22	292	1
ME0223	0.25	2.5	0.11	0.5	5	24	4	1	0.02	0.25	78	1	0.01	14	187	2
ME0224	0.25	2.5	0.13	0.5	6	29	6	1.05	0.02	0.29	71	1	0.01	19	356	1
ME0225	0.25	2.5	0.1	0.5	5	26	5	1.06	0.01	0.24	65	1	0.01	15	306	1
ME0226	0.25	2.5	0.15	0.5	6	31	17	1.05	0.01	0.32	80	1	0.01	20	409	1

Sample #	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	K_pct1	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm
ME0227	0.25	2.5	0.06	0.5	7	35	8	1.55	0.02	0.26	73	1	0.01	21	170	1
ME0228	0.25	2.5	0.1	0.5	8	32	6	1.8	0.02	0.24	69	1	0.01	24	270	1
ME0229	0.25	2.5	0.09	0.5	8	39	34	2.4	0.02	0.27	74	1	0.02	21	453	1
ME0230	0.25	2.5	0.08	0.5	4	18	3	1.38	0.02	0.1	245	1	0.01	9	584	3
ME0231	0.25	2.5	0.14	0.5	7	33	5	1.61	0.03	0.25	218	1	0.01	21	611	1
ME0232	0.25	2.5	0.09	0.5	7	30	2	2.18	0.02	0.15	60	1	0.01	18	309	1
ME0233	0.25	2.5	0.07	0.5	8	35	4	2.22	0.02	0.16	63	1	0.01	20	403	1
ME0234	0.25	2.5	0.07	0.5	8	35	6	1.8	0.02	0.2	71	1	0.01	22	505	1
ME0235	0.25	2.5	0.07	0.5	5	23	2	2.16	0.01	0.11	39	1	0.01	8	346	2
ME0236	0.25	2.5	0.08	0.5	7	37	23	1.96	0.01	0.25	68	1	0.01	21	271	1
ME0237	0.25	2.5	0.1	0.5	6	27	13	1.91	0.02	0.19	72	1	0.01	13	269	2
ME0238	0.25	2.5	0.07	0.5	4	26	15	1.68	0.02	0.12	44	1	0.01	9	820	3
ME0239	0.25	2.5	0.1	0.5	7	29	6	2.17	0.02	0.19	88	1	0.02	15	321	1
ME0240	0.25	2.5	0.12	0.5	6	29	9	2.04	0.02	0.21	57	1	0.01	14	198	1
ME0241	0.25	2.5	0.15	0.5	11	38	20	1.84	0.03	0.3	104	1	0.02	22	310	1
ME0242	0.25	2.5	0.1	0.5	16	36	40	1.89	0.02	0.26	81	1	0.02	22	238	1
ME0243	0.25	2.5	0.07	0.5	4	18	3	1.36	0.01	0.1	39	1	0.01	6	171	5
ME0244	0.25	2.5	0.1	0.5	8	37	11	2.12	0.02	0.25	88	1	0.02	20	456	1
ME0245	0.25	2.5	0.13	0.5	9	34	21	2.91	0.02	0.27	77	1	0.02	16	226	7
ME0246	0.25	2.5	0.19	0.5	14	41	29	2.54	0.02	0.33	179	1	0.02	23	418	6
ME0247	0.25	2.5	0.18	0.5	6	25	10	1.44	0.01	0.27	87	1	0.02	15	498	1
ME0248	0.25	2.5	0.16	0.5	7	28	11	1.89	0.01	0.28	146	1	0.02	16	343	1
ME0249	0.25	2.5	0.13	0.5	7	28	6	2.09	0.02	0.25	96	1	0.02	14	325	1
ME0250	0.25	2.5	0.13	0.5	8	30	6	1.8	0.01	0.26	153	1	0.02	17	337	1
ME0251	0.25	2.5	0.15	0.5	8	31	12	1.65	0.01	0.29	125	1	0.02	21	359	1
ME0252	0.25	2.5	0.06	0.5	5	18	2	1.61	0.02	0.11	104	1	0.01	10	189	6
ME0253	0.25	2.5	0.13	0.5	7	27	29	2.1	0.02	0.23	96	1	0.01	17	419	38
ME0254	0.25	2.5	0.08	0.5	9	39	60	2.54	0.01	0.2	59	1	0.02	17	383	8
ME0255	0.25	2.5	0.07	0.5	7	30	27	1.65	0.01	0.24	64	1	0.01	15	262	1
ME0256	0.25	2.5	0.08	0.5	11	34	9	1.9	0.01	0.26	76	1	0.02	22	278	1
ME0257	0.25	2.5	0.07	0.5	9	31	152	1.73	0.02	0.25	96	1	0.01	17	299	1
ME0258	0.25	2.5	0.13	0.5	8	30	5	1.63	0.005	0.22	64	1	0.01	17	249	1
ME0259	0.25	2.5	0.07	0.5	6	21	3	2.09	0.01	0.1	36	1	0.01	10	161	8
ME0260	0.25	2.5	0.08	0.5	7	37	18	2.35	0.02	0.21	61	1	0.01	16	379	14
ME0261	0.25	2.5	0.1	0.5	8	39	16	2.3	0.01	0.19	57	1	0.01	19	493	25
ME0262	0.25	2.5	0.12	0.5	10	33	6	2.75	0.01	0.21	369	1	0.02	16	458	1

Sample #	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	K_pct1	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm
ME0263	0.25	2.5	0.08	0.5	6	28	14	1.35	0.01	0.15	51	1	0.02	12	215	2
ME0264	0.25	2.5	0.11	0.5	6	29	3	1.99	0.01	0.16	74	1	0.02	11	364	2
ME0265	0.25	2.5	0.11	0.5	6	29	6	2.22	0.02	0.15	90	1	0.02	12	370	3
ME0266	0.25	2.5	0.16	0.5	8	29	5	2.25	0.02	0.24	132	1	0.02	15	347	2
ME0267	0.25	2.5	0.12	0.5	8	29	4	2.02	0.02	0.23	137	1	0.02	14	300	2
ME0268	0.25	2.5	0.1	0.5	6	23	2	2.21	0.02	0.13	147	1	0.01	10	299	6
ME0269	0.25	2.5	0.1	0.5	11	24	6	1.81	0.02	0.14	928	1	0.01	10	503	9
ME0270	0.25	2.5	0.16	0.5	7	25	8	1.26	0.01	0.26	78	1	0.02	15	343	1
ME0271	0.25	2.5	0.14	0.5	7	29	5	2.45	0.01	0.24	84	1	0.01	13	235	4
ME0272	0.25	2.5	0.12	0.5	7	24	5	1.55	0.02	0.21	119	1	0.01	16	317	4
ME0273	0.25	2.5	0.14	0.5	9	26	7	1.58	0.02	0.22	120	1	0.01	20	367	4
ME0274	0.25	2.5	0.1	0.5	16	32	68	1.84	0.02	0.26	85	1	0.02	21	397	11
ME0275	0.25	2.5	0.07	0.5	7	34	6	3.03	0.01	0.13	37	1	0.01	15	214	3
ME0276	0.25	2.5	0.07	0.5	48	28	108	3.16	0.01	0.19	51	1	0.02	16	234	43
ME0277	0.25	2.5	0.12	0.5	7	27	7	1.71	0.02	0.19	157	1	0.02	19	531	4
ME0278	0.25	2.5	0.07	0.5	5	17	4	1.27	0.01	0.08	109	1	0.01	6	205	4
ME0279	0.25	2.5	0.07	0.5	5	29	4	2.07	0.02	0.16	50	1	0.01	12	206	8
ME0280	0.25	2.5	0.19	0.5	7	24	10	1.15	0.01	0.3	84	1	0.02	16	377	1
ME0281	0.25	2.5	0.11	0.5	6	30	5	1.28	0.02	0.3	80	1	0.01	19	267	1
ME0282	0.25	2.5	0.05	0.5	3	15	2	1.03	0.02	0.08	73	1	0.01	6	241	7
ME0283	0.25	2.5	0.08	0.5	5	25	4	1.17	0.02	0.2	72	1	0.01	14	228	4
ME0284	0.25	2.5	0.15	0.5	6	31	6	1.3	0.02	0.33	83	1	0.02	19	356	4
ME0285	0.25	2.5	0.1	0.5	5	24	4	1.27	0.02	0.23	76	1	0.01	15	273	4
ME0286	0.25	2.5	0.06	0.5	4	19	4	1.06	0.01	0.11	71	1	0.01	7	246	1
ME0287	0.25	2.5	0.09	0.5	5	26	3	1.41	0.02	0.17	109	1	0.01	13	428	1
ME0288	0.25	2.5	0.12	0.5	6	29	4	1.39	0.02	0.23	221	1	0.01	18	644	1
ME0289	0.25	2.5	0.13	0.5	7	32	3	1.75	0.02	0.25	115	1	0.01	19	376	3
ME0290	0.25	2.5	0.15	0.5	8	36	9	1.64	0.02	0.32	92	1	0.01	23	403	2
ME0292	0.25	2.5	0.15	0.5	7	27	6	1.33	0.02	0.31	123	1	0.01	17	414	4
ME0293	0.25	2.5	0.1	0.5	4	34	5	1.86	0.02	0.21	60	1	0.01	13	333	3
ME0294	0.25	2.5	0.16	0.5	7	33	7	1.58	0.02	0.32	104	1	0.01	19	441	1
ME0295	0.25	2.5	0.18	0.5	6	29	6	1.16	0.02	0.3	78	1	0.01	20	438	1
ME0296	0.25	2.5	0.16	0.5	7	32	3	1.55	0.02	0.3	75	1	0.02	19	400	1
ME0297	0.25	2.5	0.15	0.5	9	28	59	1.77	0.02	0.3	101	1	0.01	18	226	15
ME0298	0.25	2.5	0.11	0.5	8	39	20	2.56	0.02	0.28	77	1	0.01	21	291	1
ME0299	0.25	2.5	0.08	0.5	4	15	4	0.7	0.005	0.19	51	1	0.01	8	69	4

Sample #	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	K_pct1	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm
ME0300	0.25	2.5	0.09	0.5	10	32	12	3.53	0.02	0.23	118	1	0.01	12	328	8
ME0301	0.25	2.5	0.08	0.5	7	26	7	2.48	0.02	0.14	94	1	0.01	11	282	11
ME0302	0.25	2.5	0.08	0.5	7	29	9	2.14	0.02	0.18	78	1	0.01	17	181	3
ME0303	0.25	2.5	0.15	0.5	7	27	16	1.31	0.01	0.3	94	1	0.02	16	314	2
ME0304	0.25	2.5	0.1	0.5	7	28	12	1.95	0.01	0.22	55	1	0.01	13	148	5
ME0305	0.25	2.5	0.12	0.5	5	21	2	1.55	0.02	0.15	60	1	0.01	10	145	5
ME0306	0.25	2.5	0.1	0.5	8	24	5	2.22	0.01	0.19	70	1	0.02	14	277	2
ME0307	0.25	2.5	0.15	0.5	10	33	77	1.88	0.02	0.26	138	1	0.01	26	307	3
ME0308	0.25	2.5	0.1	0.5	9	22	92	1.39	0.01	0.26	78	1	0.01	14	130	3
ME0309	0.25	2.5	0.08	0.5	9	27	8	1.97	0.01	0.22	69	1	0.01	19	212	1
ME0310	0.25	2.5	0.06	0.5	4	17	11	1.45	0.01	0.1	44	1	0.01	6	211	6
ME0311	0.25	2.5	0.08	0.5	6	24	24	2.45	0.02	0.14	54	1	0.01	10	210	19
ME0312	0.25	2.5	0.07	0.5	4	16	31	1.52	0.01	0.08	65	1	0.01	7	184	23
ME0313	0.25	2.5	0.09	0.5	6	27	18	1.6	0.01	0.21	70	1	0.01	12	212	1
ME0314	0.25	2.5	0.08	0.5	6	29	12	1.71	0.01	0.2	59	1	0.01	14	244	1
ME0315	0.25	2.5	0.09	0.5	6	23	6	1.69	0.01	0.18	100	1	0.01	12	173	1
ME0316	0.25	2.5	0.16	0.5	9	31	16	2.41	0.01	0.33	81	1	0.02	23	316	1
ME0317	0.25	2.5	0.14	0.5	8	29	12	1.7	0.01	0.25	65	1	0.02	20	200	1
ME0318	0.25	2.5	0.08	0.5	7	27	5	1.49	0.01	0.18	79	1	0.01	15	166	1
ME0319	0.25	2.5	0.11	0.5	6	24	3	1.61	0.01	0.19	61	1	0.02	14	185	1
ME0320	0.25	2.5	0.08	0.5	5	19	2	1.83	0.03	0.12	61	1	0.01	9	228	1
ME0321	0.25	2.5	0.13	0.5	9	34	5	2.99	0.02	0.25	88	1	0.02	19	352	1
ME0322	0.25	2.5	0.11	0.5	5	28	4	1.71	0.02	0.22	70	1	0.01	12	804	2
ME0323	0.25	2.5	0.13	0.5	9	32	1	2.45	0.02	0.22	158	1	0.01	14	563	7
ME0324	0.25	2.5	0.14	0.5	11	31	14	1.72	0.02	0.26	131	1	0.01	16	411	1
ME0325	0.25	2.5	0.09	0.5	7	31	2	2.15	0.02	0.15	58	1	0.02	15	325	5
ME0326	0.25	2.5	0.14	0.5	15	43	12	4.5	0.03	0.24	117	1	0.02	22	422	7
ME0327	0.25	2.5	0.13	0.5	11	33	21	3.17	0.02	0.27	126	1	0.02	19	432	9
ME0328	0.25	2.5	0.07	0.5	8	26	52	3.11	0.02	0.19	66	1	0.01	12	302	19
ME0329	0.25	2.5	0.17	0.5	8	24	7	1.25	0.01	0.31	92	1	0.02	16	169	5
ME0330	0.25	2.5	0.13	0.5	8	30	8	1.98	0.02	0.3	89	1	0.02	18	131	3
ME0331	0.25	2.5	0.14	0.5	8	25	7	1.54	0.02	0.23	84	1	0.02	18	134	5
ME0332	0.25	2.5	0.08	0.5	4	14	3	1.06	0.02	0.1	39	1	0.01	7	92	4

Sample #	Sb_ppm	Sc_ppm	Sn_ppm	Sr_ppm	Ti_pct	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	E_WGS84_17	N_WGS84_17	ClaimNo	Year
ME0001	2.5	1	5	5	0.04	21	5	3	12	2	554336	5289096	3006676	2004
ME0002	2.5	2	5	3	0.06	32	5	3	12	4	554331	5289019	3006676	2004
ME0003	2.5	2	5	5	0.05	25	5	2	16	3	554336	5288979	3006676	2004
ME0004	2.5	3	5	6	0.07	36	5	3	16	4	554342	5288951	3006676	2004
ME0005	2.5	2	5	3	0.05	29	5	2	26	4	554350	5288852	1202555	2004
ME0006	2.5	3	5	3	0.06	40	5	2	36	4	554343	5288752	1214024	2004
ME0007	2.5	2	5	5	0.06	39	5	2	23	3	554336	5288697	1214024	2004
ME0008	2.5	2	5	3	0.07	39	5	2	13	3	554346	5288689	1202555	2004
ME0009	2.5	2	5	4	0.06	33	5	2	26	2	554345	5288605	1214024	2004
ME0010	2.5	2	5	6	0.06	31	5	2	36	2	554345	5288567	1214024	2004
ME0011	2.5	1	5	3	0.06	29	5	2	33	2	554341	5288501	1214024	2004
ME0012	2.5	1	5	4	0.05	29	5	2	21	2	554342	5288453	3013891	2004
ME0013	2.5	1	5	5	0.05	27	5	2	16	2	554339	5288405	3013891	2004
ME0014	2.5	4	5	5	0.05	35	5	5	20	5	554349	5288149	1217772	2004
ME0015	2.5	3	5	5	0.06	34	5	4	22	3	554345	5288103	3013891	2004
ME0016	2.5	1	5	4	0.06	40	5	2	18	2	554349	5287994	3013907	2004
ME0017	2.5	0.5	5	5	0.05	34	5	1	34	1	554351	5287946	3013907	2004
ME0018	2.5	2	5	5	0.06	41	5	3	62	2	554355	5287877	3013907	2004
ME0019	2.5	0.5	5	4	0.1	43	5	2	13	1	554366	5286027	3011699	2004
ME0020	2.5	2	5	5	0.08	40	5	3	16	3	554364	5286055	3011699	2004
ME0021	2.5	3	5	2	0.08	54	5	4	18	4	554366	5286124	3011699	2004
ME0022	2.5	2	5	8	0.08	47	5	2	41	3	554358	5286186	3013909	2004
ME0023	2.5	0.5	5	6	0.04	23	5	1	7	0.5	554361	5286272	3013909	2004
ME0024	2.5	2	5	5	0.07	46	5	2	21	3	554366	5286313	3011699	2004
ME0025	2.5	2	5	4	0.08	46	5	2	21	3	554368	5286357	3011699	2004
ME0026	2.5	0.5	5	5	0.04	17	5	1	17	1	554369	5286396	3011699	2004
ME0027	2.5	0.5	5	3	0.04	65	5	1	39	2	554365	5286459	3006674	2004
ME0028	2.5	2	5	4	0.09	46	5	2	22	3	554357	5286506	3011641	2004
ME0029	2.5	1	5	5	0.06	27	5	2	8	2	554360	5286550	3006674	2004
ME0030	2.5	1	5	3	0.09	55	5	2	19	3	554361	5286592	3006674	2004
ME0031	2.5	1	5	4	0.08	38	5	2	20	2	554363	5286686	3006674	2004
ME0032	2.5	1	5	6	0.06	29	5	2	22	2	554360	5286709	3006674	2004
ME0033	2.5	2	5	5	0.08	42	5	3	28	3	554356	5286802	3011641	2004
ME0034	2.5	2	5	6	0.06	52	5	2	31	2	554365	5286832	3006674	2004
ME0035	2.5	1	5	4	0.07	39	5	2	15	2	554364	5286005	3011699	2004
ME0036	2.5	2	5	4	0.06	38	5	2	29	2	554373	5285965	3011699	2004

Sample #	Sb_ppm	Sc_ppm	Sn_ppm	Sr_ppm	Ti_pct	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	E_WGS84_17	N_WGS84_17	ClaimNo	Year
ME0037	2.5	2	5	5	0.07	42	5	2	24	3	554366	5285905	3011699	2004
ME0038	2.5	2	5	5	0.07	47	5	2	30	2	554366	5285930	3011699	2004
ME0150	2.5	2	5	3	0.07	30	5	2	13	3	554134	5289026	3006676	2004
ME0151	2.5	2	5	2	0.09	47	5	2	18	5	554136	5289002	3006676	2004
ME0152	2.5	2	5	2	0.07	42	5	2	16	3	554138	5288911	3006676	2004
ME0153	2.5	3	5	0	0.05	49	5	2	22	5	554140	5288851	1214024	2004
ME0154	2.5	2	5	0	0.1	63	5	1	17	5	554141	5288783	1214024	2004
ME0155	2.5	2	5	2	0.09	59	5	3	11	4	554143	5288753	1214024	2004
ME0156	2.5	2	5	2	0.05	44	5	2	21	4	554142	5288700	1214024	2004
ME0157	2.5	0.5	5	3	0.07	35	5	1	17	1	554144	5288402	3013891	2004
ME0158	2.5	1	5	5	0.06	35	5	1	20	2	554142	5288373	3013891	2004
ME0159	2.5	2	5	6	0.06	30	5	2	16	3	554142	5288349	3013891	2004
ME0160	2.5	0.5	5	3	0.05	33	5	1	10	2	554142	5288122	3013891	2004
ME0161	2.5	2	5	0	0.07	46	5	2	23	4	554147	5288149	3013891	2004
ME0162	2.5	1	5	2	0.05	35	5	2	17	3	554140	5288105	3013891	2004
ME0163	2.5	2	5	0	0.07	37	5	2	12	4	554147	5288020	3013891	2004
ME0164	2.5	1	5	1	0.07	50	5	2	13	3	554147	5287998	3013891	2004
ME0166	2.5	0.5	5	3	0.09	59	5	1	15	1	554145	5287878	3013891	2004
ME0167	2.5	3	5	0	0.07	63	5	3	37	6	554144	5287842	3013891	2004
ME0168	2.5	2	5	0	0.08	67	5	1	28	5	554156	5287814	3013891	2004
ME0169	2.5	2	5	2	0.07	48	5	2	25	4	554143	5287750	3013891	2004
ME0170	2.5	2	5	4	0.07	51	5	2	21	5	554146	5287660	3006678	2004
ME0172	2.5	2	5	2	0.09	56	5	2	19	5	554145	5287452	3006678	2004
ME0173	2.5	4	5	1	0.06	38	5	3	50	4	554152	5287400	3006678	2004
ME0174	2.5	1	5	16	0.1	42	5	1	14	2	554170	5285648	3013909	2004
ME0175	2.5	2	5	3	0.05	36	5	2	27	2	554175	5285692	3013909	2004
ME0176	2.5	1	5	2	0.07	46	5	2	12	2	554171	5285752	3013909	2004
ME0177	2.5	2	5	4	0.08	43	5	2	14	3	554170	5285801	3013909	2004
ME0178	2.5	2	5	3	0.05	32	5	2	24	2	554169	5285950	3013909	2004
ME0179	2.5	0.5	5	3	0.05	26	5	1	9	1	554170	5285982	3013909	2004
ME0180	2.5	2	5	4	0.08	36	5	2	19	3	554168	5286019	3013909	2004
ME0222	2.5	2	5	3	0.06	29	5	3	24	3	555133	5289263	1222053	2004
ME0223	2.5	1	5	5	0.05	21	5	2	20	1	555132	5289210	1222053	2004
ME0224	2.5	1	5	4	0.04	22	5	2	14	2	555133	5289085	1222053	2004
ME0225	2.5	1	5	3	0.04	23	5	2	13	2	555135	5289062	1222053	2004
ME0226	2.5	1	5	5	0.05	23	5	3	13	2	555149	5288918	1222053	2004

Sample #	Sb_ppm	Sc_ppm	Sn_ppm	Sr_ppm	Ti_pct	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	E_WGS84_17	N_WGS84_17	ClaimNo	Year
ME0227	6	2	5	3	0.07	32	5	2	13	3	555137	5288862	1202448	2004
ME0228	5	2	5	6	0.07	39	5	3	13	3	555137	5288839	1202448	2004
ME0229	2.5	3	5	4	0.07	42	5	4	20	4	555144	5288637	1202448	2004
ME0230	5	0.5	5	5	0.04	26	5	1	15	1	555142	5288608	1202448	2004
ME0231	6	1	5	7	0.06	28	5	2	32	2	555141	5288558	1202448	2004
ME0232	8	1	5	5	0.07	37	5	2	17	2	555144	5288507	1202448	2004
ME0233	2.5	2	5	5	0.08	40	5	2	22	2	555143	5288458	3006748	2004
ME0234	6	2	5	3	0.06	35	5	3	19	2	555143	5288416	3006748	2004
ME0235	2.5	0.5	5	4	0.09	54	5	0.5	10	2	555138	5288385	3006748	2004
ME0236	7	2	5	4	0.07	38	5	2	19	3	555148	5288184	3006748	2004
ME0237	2.5	1	5	5	0.07	35	5	1	35	2	555152	5288156	3006748	2004
ME0238	2.5	2	5	4	0.05	35	5	2	25	1	555150	5288062	3013907	2004
ME0239	2.5	1	5	6	0.08	44	5	1	24	2	555152	5288008	3013907	2004
ME0240	6	1	5	7	0.1	52	5	1	16	2	555154	5287958	3013907	2004
ME0241	6	2	5	9	0.08	36	5	3	36	2	555156	5287783	3013907	2004
ME0242	5	3	5	6	0.09	38	5	4	34	3	555158	5287760	3013907	2004
ME0243	2.5	0.5	5	4	0.07	34	5	1	16	2	555159	5287709	3013907	2004
ME0244	5	2	5	6	0.07	40	5	2	31	3	555158	5287687	3013907	2004
ME0245	6	1	5	7	0.13	62	5	2	25	4	555161	5287455	3011642	2004
ME0246	5	2	5	9	0.08	45	5	2	51	3	555167	5287410	3011642	2004
ME0247	2.5	2	5	7	0.06	24	5	2	20	2	555172	5287308	3011642	2004
ME0248	2.5	2	5	9	0.07	35	5	3	22	2	555165	5287211	3013896	2004
ME0249	5	2	5	7	0.08	38	5	3	25	2	555166	5287161	3013896	2004
ME0250	6	1	5	8	0.08	36	5	2	17	2	555165	5286934	3013896	2004
ME0251	6	2	5	8	0.08	35	5	2	25	3	555167	5286910	3013896	2004
ME0252	2.5	0.5	5	4	0.07	43	5	1	13	1	555167	5286860	3013896	2004
ME0253	2.5	2	5	5	0.05	39	5	3	34	2	554962	5286823	3013896	2004
ME0254	6	4	5	5	0.08	49	5	5	17	4	554959	5286886	3013896	2004
ME0255	2.5	2	5	5	0.08	37	5	3	15	3	554961	5286910	3013896	2004
ME0256	5	2	5	5	0.08	37	5	2	18	4	554957	5286961	3013896	2004
ME0257	2.5	2	5	5	0.07	36	5	3	21	2	554963	5287011	3013896	2004
ME0258	6	2	5	5	0.08	33	5	2	12	3	554969	5287085	3013896	2004
ME0259	2.5	0.5	5	5	0.13	66	5	1	12	2	554959	5287112	3013896	2004
ME0260	2.5	2	5	5	0.08	44	5	3	26	2	554958	5287210	3013896	2004
ME0261	2.5	3	5	7	0.07	38	5	3	20	3	554957	5287263	3011642	2004
ME0262	5	1	5	6	0.1	50	5	2	21	2	554958	5287313	3011642	2004

Sample #	Sb_ppm	Sc_ppm	Sn_ppm	Sr_ppm	Ti_pct	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	E_WGS84_17	N_WGS84_17	ClaimNo	Year
ME0263	2.5	2	5	4	0.08	34	5	2	16	2	554959	5287365	3011642	2004
ME0264	2.5	1	5	5	0.08	43	5	2	15	2	554955	5287411	3011642	2004
ME0265	2.5	2	5	5	0.08	41	5	4	24	2	554958	5287462	3011642	2004
ME0266	2.5	1	5	9	0.09	40	5	2	42	2	554958	5287513	3011642	2004
ME0267	2.5	1	5	8	0.1	39	5	2	19	2	554957	5287564	3011642	2004
ME0268	2.5	1	5	5	0.09	45	5	2	15	2	554953	5287609	3011642	2004
ME0269	2.5	1	5	5	0.05	36	5	2	51	1	554954	5287666	3011642	2004
ME0270	2.5	2	5	7	0.07	30	5	4	14	2	554955	5287713	3013907	2004
ME0271	5	1	5	8	0.1	43	5	2	15	2	554953	5287808	3013907	2004
ME0272	2.5	1	5	5	0.06	30	5	2	17	2	554953	5287864	3013907	2004
ME0273	2.5	1	5	9	0.06	31	5	2	52	1	554952	5287935	3013907	2004
ME0274	2.5	3	5	4	0.06	35	5	4	28	2	554949	5288032	3013907	2004
ME0275	2.5	2	5	3	0.09	63	5	2	10	4	554949	5288080	3013907	2004
ME0276	2.5	5	5	3	0.05	50	5	4	29	5	554951	5288107	3006748	2004
ME0277	2.5	1	5	7	0.06	35	5	2	28	2	554945	5288333	3006748	2004
ME0278	2.5	0.5	5	5	0.05	32	5	1	13	2	554945	5288356	3006748	2004
ME0279	2.5	1	5	4	0.08	44	5	1	11	2	554945	5288479	3006748	2004
ME0280	2.5	2	5	8	0.07	27	5	3	14	3	554945	5288505	1202448	2004
ME0281	2.5	1	5	4	0.05	28	5	3	13	2	555541	5288966	1118625	2004
ME0282	2.5	0.5	5	4	0.04	23	5	1	9	0.5	555534	5289142	1118625	2004
ME0283	2.5	1	5	3	0.05	23	5	2	12	0.5	555539	5289166	1118625	2004
ME0284	2.5	1	5	5	0.05	27	5	2	16	2	555543	5289210	1118625	2004
ME0285	2.5	1	5	3	0.05	26	5	2	13	2	555542	5288886	1118625	2004
ME0286	2.5	0.5	5	2	0.05	23	5	1	10	1	555543	5288857	1118625	2004
ME0287	2.5	0.5	5	4	0.05	29	5	2	17	1	555542	5288779	1118625	2004
ME0288	2.5	0.5	5	5	0.04	26	5	2	16	1	555539	5288757	1118625	2004
ME0289	2.5	1	5	5	0.06	35	5	3	13	3	555540	5288707	1118625	2004
ME0290	2.5	2	5	6	0.06	31	5	3	19	3	555541	5288660	1118625	2004
ME0292	2.5	1	5	4	0.05	31	5	3	15	2	554931	5289162	1222053	2004
ME0293	2.5	2	5	3	0.05	44	5	2	12	3	554937	5289108	1222053	2004
ME0294	2.5	1	5	2	0.07	40	5	3	16	3	554935	5289058	1222053	2004
ME0295	2.5	1	5	5	0.05	30	5	3	13	2	554937	5289032	1222053	2004
ME0296	2.5	1	5	4	0.06	33	5	3	14	3	554736	5288977	1222053	2004
ME0297	2.5	1	5	8	0.07	31	5	2	31	2	554757	5287434	3013896	2004
ME0298	5	2	5	5	0.09	53	5	2	18	2	554754	5287229	3013896	2004
ME0299	2.5	0.5	5	5	0.08	25	5	0.5	10	1	554760	5287087	3013896	2004

Sample #	Sb_ppm	Sc_ppm	Sn_ppm	Sr_ppm	Ti_pct	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	E_WGS84_17	N_WGS84_17	ClaimNo	Year
ME0300	2.5	1	5	5	0.15	91	5	2	21	3	554756	5287010	3013896	2004
ME0301	2.5	1	5	6	0.11	54	5	2	18	2	554756	5286955	3013896	2004
ME0302	2.5	1	5	4	0.09	52	5	2	14	2	554755	5286905	3013896	2004
ME0303	2.5	2	5	7	0.07	33	5	3	16	2	554761	5286833	3006674	2004
ME0304	2.5	2	5	5	0.1	49	5	2	12	3	554761	5286806	3006674	2004
ME0305	2.5	0.5	5	7	0.08	34	5	1	15	2	555566	5286810	3013987	2004
ME0306	2.5	1	5	5	0.09	44	5	2	21	2	555568	5286862	3013987	2004
ME0307	2.5	2	5	7	0.07	35	5	3	24	2	555563	5286913	3013987	2004
ME0308	2.5	1	5	5	0.07	45	5	1	17	1	555564	5286961	3013987	2004
ME0309	2.5	1	5	2	0.08	39	5	2	19	3	555565	5287014	3013987	2004
ME0310	2.5	1	5	2	0.05	36	5	2	19	1	555563	5287071	3013987	2004
ME0311	8	1	5	3	0.08	63	5	2	24	3	555563	5287141	3013987	2004
ME0312	2.5	0.5	5	4	0.07	43	5	2	20	1	555563	5287192	3013987	2004
ME0313	6	2	5	5	0.08	37	5	2	16	2	555562	5287240	3013987	2004
ME0314	2.5	2	5	6	0.08	37	5	2	14	3	555562	5287267	3013987	2004
ME0315	6	1	5	6	0.07	30	5	2	21	2	555561	5287341	3013987	2004
ME0316	2.5	2	5	9	0.07	38	5	3	18	3	555560	5287367	3013987	2004
ME0317	5	2	5	9	0.08	37	5	5	14	2	555561	5287391	3013987	2004
ME0318	2.5	1	5	7	0.08	33	5	2	18	2	555557	5287589	3013987	2004
ME0319	2.5	1	5	8	0.09	35	5	2	17	2	555554	5287664	3013987	2004
ME0320	6	0.5	5	7	0.09	46	5	1	14	2	555554	5287715	3006679	2004
ME0321	8	2	5	10	0.12	49	5	2	21	3	555554	5287763	3006679	2004
ME0322	2.5	2	5	4	0.06	37	5	2	28	2	555554	5287837	3006679	2004
ME0323	2.5	2	5	6	0.11	56	5	2	53	2	555552	5287864	3006679	2004
ME0324	2.5	3	5	6	0.08	38	5	4	33	2	555549	5287912	3006679	2004
ME0325	2.5	2	5	3	0.07	36	5	2	25	3	555551	5287991	3006679	2004
ME0326	2.5	3	5	4	0.2	117	5	4	22	5	555553	5288015	3006679	2004
ME0327	2.5	2	5	2	0.08	51	5	2	41	3	555549	5288114	3006748	2004
ME0328	2.5	3	5	0	0.07	66	5	2	32	3	555548	5288243	3006748	2004
ME0329	2.5	1	5	8	0.09	32	5	2	15	3	555544	5288342	3006748	2004
ME0330	5	1	5	7	0.12	46	5	2	16	3	555544	5288373	3006748	2004
ME0331	2.5	1	5	6	0.08	36	5	2	14	2	555544	5288412	3006748	2004
ME0332	2.5	0.5	5	4	0.07	32	5	2	9	2	555543	5288466	3006748	2004

APPENDIX VI

Soil Sample Assay Certificates

Swastika Laboratories Ltd
Established 1928
Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2807-SG1

Date: DEC-22-04

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico Ethel
Attn: I. Campbell

We hereby certify the following Geochemical Analysis of 83 Soil samples submitted DEC-10-04 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
ME0001	Nil	-	Results
ME0002	Nil	-	to
ME0003	Nil	-	follow
ME0004	Nil	-	
ME0005	Nil	-	
ME0006	Nil	-	
ME0007	3	Nil	
ME0008	Nil	-	
ME0009	Nil	-	
ME0010	Nil	-	
ME0011	2	-	
ME0012	Nil	-	
ME0013	Nil	-	
ME0014	Nil	-	
ME0015	Nil	-	
ME0016	Nil	-	
ME0017	Nil	-	
ME0018	Nil	-	
ME0019	Nil	-	
ME0020	Nil	5	
ME0021	Nil	-	
ME0022	Nil	-	
ME0023	Nil	-	
ME0024	Nil	-	
ME0025	Nil	-	
ME0026	Nil	-	
ME0027	Nil	-	
ME0028	Nil	-	
ME0029	Nil	-	
ME0030	10	-	

Certified by Denis Chartré

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd
Established 1928
Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2807-SG1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico Ethel
Attn: I. Campbell

Date: DEC-22-04

We hereby certify the following Geochemical Analysis of 83 Soil samples submitted DEC-10-04 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
ME0031	2	-	
ME0032	Nil	-	
ME0033	Nil	-	
ME0034	Nil	-	
ME0035	Nil	-	
ME0036	Nil	-	
ME0037	Nil	-	
ME0038	5	Nil	
ME0150	Nil	-	
ME0151	Nil	-	
ME0152	Nil	-	
ME0153	3	-	
ME0154	Nil	-	
ME0155	Nil	-	
ME0156	Nil	-	
ME0157	Nil	-	
ME0158	Nil	-	
ME0159	Nil	-	
ME0160	2	-	
ME0161	Nil	-	
ME0162	Nil	-	
ME0163	2	-	
ME0164	Nil	-	
ME0166	Nil	-	
ME0167	Nil	-	
ME0168	Nil	-	
ME0169	Nil	-	
ME0170	Nil	3	
ME0172	Nil	-	
ME0173	Nil	-	

Certified by [signature]

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Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2807-SG1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico Ethel
Attn: I. Campbell

Date: DEC-22-04

We hereby certify the following Geochemical Analysis of 83 Soil samples submitted DEC-10-04 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
ME0174	Nil	-	
ME0175	Nil	-	
ME0176	Nil	-	
ME0177	Nil	-	
ME0178	Nil	-	
ME0179	3	Nil	
ME0180	Nil	-	
ME0222	Nil	-	
ME0223	Nil	-	
ME0224	Nil	-	
ME0225	Nil	-	
ME0226	Nil	-	
ME0227	Nil	-	
ME0228	Nil	-	
ME0229	Nil	-	
ME0230	Nil	-	
ME0231	Nil	-	
ME0232	Nil	-	
ME0233	Nil	-	
ME0234	Nil	-	
ME0235	Nil	-	
ME0236	Nil	-	
ME0237	Nil	-	
Blank	Nil	-	
STD OxK18	3364	-	

Certified by [signature]

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

TEMEX RESOURCES CORPORATION

Attention: IAN CAMPBELL

Project: MERICO ETHEL

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 4W2807 SJ

Date : Jan-03-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
ME0001	<0.2	0.66	<5	16	<0.5	<5	0.17	<1	5	22	7	1.06	0.01	0.27	94	<2	0.01	17	405	<2	<5	1	<10	5	0.04	21	<10	3	12	2
ME0002	<0.2	1.46	<5	32	<0.5	<5	0.10	<1	7	31	6	1.74	0.02	0.25	74	<2	0.01	20	263	3	<5	2	<10	3	0.06	32	<10	3	12	4
ME0003	<0.2	2.21	<5	18	<0.5	<5	0.09	<1	6	32	14	1.46	0.01	0.16	46	<2	0.04	25	288	<2	<5	2	<10	5	0.05	25	<10	2	16	3
ME0004	<0.2	2.02	<5	44	<0.5	<5	0.11	<1	9	37	17	1.61	0.02	0.31	74	<2	0.01	30	221	<2	<5	3	<10	6	0.07	36	<10	3	16	4
ME0005	<0.2	2.96	<5	25	<0.5	<5	0.08	<1	8	43	12	2.01	0.02	0.20	59	<2	0.03	34	295	<2	<5	2	<10	3	0.05	29	<10	2	26	4
ME0006	<0.2	2.84	<5	28	<0.5	<5	0.10	<1	7	57	46	2.30	0.02	0.20	58	<2	0.04	27	442	<2	<5	3	<10	3	0.06	40	<10	2	36	4
ME0007	<0.2	2.17	<5	25	<0.5	<5	0.10	<1	5	40	15	1.79	0.01	0.21	47	<2	0.03	15	309	2	<5	2	<10	5	0.06	39	<10	2	23	3
ME0008	<0.2	2.06	<5	23	<0.5	<5	0.06	<1	5	33	18	1.64	0.01	0.17	46	<2	0.01	17	270	<2	<5	2	<10	3	0.07	39	<10	2	13	3
ME0009	<0.2	1.74	<5	35	<0.5	<5	0.08	<1	7	35	10	1.66	0.02	0.26	108	<2	0.01	21	528	<2	<5	2	<10	4	0.06	33	<10	2	26	2
ME0010	<0.2	1.73	<5	43	<0.5	<5	0.13	<1	7	37	21	1.57	0.03	0.30	112	<2	0.01	25	605	3	<5	2	<10	6	0.06	31	<10	2	36	2
ME0011	<0.2	1.39	<5	41	<0.5	<5	0.09	<1	6	31	6	1.48	0.03	0.28	123	<2	0.01	20	482	<2	<5	1	<10	3	0.06	29	<10	2	33	2
ME0012	<0.2	1.00	<5	30	<0.5	<5	0.10	<1	5	24	3	1.36	0.03	0.18	135	<2	0.01	14	622	2	<5	1	<10	4	0.05	29	<10	2	21	2
ME0013	<0.2	1.16	<5	21	<0.5	<5	0.13	<1	7	28	6	1.30	0.03	0.28	105	<2	0.01	20	337	3	<5	1	<10	5	0.05	27	<10	2	16	2
ME0014	<0.2	2.76	<5	26	<0.5	<5	0.13	<1	6	35	68	2.01	0.01	0.27	69	<2	0.01	18	496	11	<5	4	<10	5	0.05	35	<10	5	20	5
ME0015	<0.2	2.10	<5	19	<0.5	<5	0.15	<1	9	34	77	2.03	0.02	0.31	112	<2	0.02	18	491	37	<5	3	<10	5	0.06	34	<10	4	22	3
ME0016	<0.2	1.37	<5	21	<0.5	<5	0.07	<1	5	21	16	1.42	<0.01	0.14	40	<2	0.01	11	152	45	<5	1	<10	4	0.06	40	<10	2	18	2
ME0017	<0.2	0.78	<5	27	<0.5	<5	0.08	<1	5	16	13	1.05	0.01	0.16	63	<2	0.01	8	139	21	<5	<1	<10	5	0.05	34	<10	1	34	1
ME0018	0.2	2.55	<5	64	<0.5	<5	0.12	<1	10	43	16	2.47	0.02	0.27	162	<2	0.01	33	1021	3	<5	2	<10	5	0.06	41	<10	3	62	2
ME0019	<0.2	0.85	<5	29	<0.5	<5	0.08	<1	5	19	6	1.35	0.02	0.15	55	<2	0.01	9	186	8	<5	<1	<10	4	0.10	43	<10	2	13	1
ME0020	<0.2	1.91	<5	24	<0.5	<5	0.10	<1	8	36	13	1.84	0.01	0.26	72	<2	0.02	18	302	<2	<5	2	<10	5	0.08	40	<10	3	16	3
ME0021	<0.2	3.07	6	22	<0.5	<5	0.06	<1	13	35	39	2.49	0.01	0.16	44	<2	0.01	14	339	<2	<5	3	<10	2	0.08	54	<10	4	18	4
ME0022	<0.2	1.42	<5	75	<0.5	<5	0.16	<1	11	37	13	2.12	0.01	0.37	160	<2	0.01	25	201	4	<5	2	<10	8	0.08	47	<10	2	41	[illegible]
ME0023	<0.2	0.49	<5	34	<0.5	<5	0.07	<1	4	13	5	0.82	<0.01	0.10	216	<2	0.01	7	121	3	<5	<1	<10	6	0.04	23	<10	1	7	<[illegible]
ME0024	<0.2	2.35	<5	53	<0.5	<5	0.13	<1	11	41	10	2.42	0.02	0.31	172	<2	0.02	30	550	<2	<5	2	<10	5	0.07	46	<10	2	21	[illegible]
ME0025	<0.2	2.54	<5	71	<0.5	<5	0.10	<1	10	37	5	2.70	0.02	0.21	122	<2	0.01	23	377	<2	<5	2	<10	4	0.08	46	<10	2	21	[illegible]
ME0026	<0.2	0.94	<5	27	<0.5	<5	0.08	<1	4	13	3	0.80	0.01	0.09	39	<2	0.01	7	123	6	<5	<1	<10	5	0.04	17	<10	1	17	1
ME0027	5.3	0.97	275	22	<0.5	<5	0.07	<1	13	19	35	2.09	0.01	0.12	52	<2	0.01	10	194	77	<5	<1	<10	3	0.04	65	<10	1	39	2
ME0028	<0.2	1.70	15	32	<0.5	<5	0.11	<1	21	38	34	2.29	0.02	0.28	75	2	0.01	23	246	<2	<5	2	<10	4	0.09	46	<10	2	22	3
ME0029	<0.2	0.90	<5	15	<0.5	<5	0.10	<1	4	18	8	0.98	<0.01	0.17	49	<2	0.01	10	181	4	<5	1	<10	5	0.06	27	<10	2	8	2
ME0030	<0.2	1.37	<5	31	<0.5	<5	0.08	<1	6	29	7	2.39	0.02	0.16	52	<2	0.02	13	317	10	<5	1	<10	3	0.09	55	<10	2	19	3

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Judy Reeve

TEMEX RESOURCES CORPORATION

Attention: IAN CAMPBELL

Project: MERICO ETHEL

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No **4W2807 SJ**

Date : Jan-03-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
ME0031	<0.2	1.75	<5	59	<0.5	<5	0.10	<1	8	32	5	2.00	0.02	0.22	80	<2	0.01	21	280	<2	<5	1	<10	4	0.08	38	<10	2	20	2
ME0032	<0.2	2.01	<5	81	<0.5	<5	0.13	<1	7	33	7	1.58	0.02	0.21	114	<2	0.02	19	266	<2	<5	1	<10	6	0.06	29	<10	2	22	2
ME0033	<0.2	2.12	<5	32	<0.5	<5	0.10	<1	10	36	32	1.99	0.02	0.24	69	<2	0.01	19	298	9	<5	2	<10	5	0.08	42	<10	3	28	3
ME0034	1.0	1.26	6	23	<0.5	<5	0.15	<1	7	25	25	1.99	0.01	0.27	176	<2	0.01	14	408	8	<5	2	<10	6	0.06	52	<10	2	31	2
ME0035	<0.2	1.74	<5	30	<0.5	<5	0.12	<1	7	34	10	2.25	0.01	0.26	82	<2	0.01	18	521	<2	<5	1	<10	4	0.07	39	<10	2	15	2
ME0036	0.3	2.27	<5	44	<0.5	<5	0.10	<1	8	36	33	2.05	0.02	0.21	127	<2	0.01	21	540	2	<5	2	<10	4	0.06	38	<10	2	29	2
ME0037	<0.2	1.68	<5	45	<0.5	<5	0.14	<1	16	34	47	1.93	0.02	0.33	101	<2	0.02	26	333	9	<5	2	<10	5	0.07	42	<10	2	24	3
ME0038	0.2	1.58	<5	37	<0.5	<5	0.12	<1	14	32	37	2.17	0.02	0.28	121	<2	0.01	22	340	10	<5	2	<10	5	0.07	47	<10	2	30	2
ME0150	<0.2	1.43	<5	44	<0.5	<5	0.07	<1	6	26	7	1.42	0.02	0.18	66	<2	0.01	15	160	3	<5	2	<10	3	0.07	30	<10	2	13	3
ME0151	<0.2	2.60	<5	42	<0.5	<5	0.07	<1	9	41	6	2.43	0.03	0.20	64	<2	0.01	24	296	<2	<5	2	<10	2	0.09	47	<10	2	18	5
ME0152	<0.2	2.11	<5	33	<0.5	<5	0.06	<1	7	42	13	2.01	0.02	0.20	53	<2	0.01	28	247	3	<5	2	<10	2	0.07	42	<10	2	16	3
ME0153	<0.2	3.67	<5	25	<0.5	<5	0.08	<1	9	58	14	2.99	0.02	0.28	62	<2	0.01	45	380	<2	<5	3	<10	<1	0.05	49	<10	2	22	5
ME0154	<0.2	2.12	<5	34	<0.5	<5	0.07	<1	7	54	11	3.14	0.02	0.24	60	<2	0.01	20	225	3	<5	2	<10	<1	0.10	63	<10	1	17	5
ME0155	<0.2	2.46	<5	32	<0.5	<5	0.08	<1	6	43	13	2.67	0.02	0.14	38	<2	0.01	17	276	3	<5	2	<10	2	0.09	59	<10	3	11	4
ME0156	<0.2	2.18	<5	35	<0.5	<5	0.07	<1	7	40	16	2.13	0.02	0.28	50	<2	0.01	28	186	7	<5	2	<10	2	0.05	44	<10	2	21	4
ME0157	<0.2	0.97	<5	26	<0.5	<5	0.07	<1	3	20	3	1.52	0.02	0.10	61	<2	0.01	9	435	9	<5	<1	<10	3	0.07	35	<10	1	17	1
ME0158	<0.2	1.57	<5	36	<0.5	<5	0.11	<1	7	29	5	1.65	0.02	0.22	144	<2	0.01	19	717	<2	<5	1	<10	5	0.06	35	<10	1	20	2
ME0159	<0.2	1.15	<5	27	<0.5	<5	0.16	<1	8	27	10	1.41	0.02	0.31	101	<2	0.02	21	378	<2	<5	2	<10	6	0.06	30	<10	2	16	3
ME0160	<0.2	1.35	<5	26	<0.5	<5	0.05	<1	5	22	3	1.58	0.02	0.14	55	<2	0.01	10	259	<2	<5	<1	<10	3	0.05	33	<10	1	10	2
ME0161	<0.2	2.25	<5	26	<0.5	<5	0.08	<1	9	42	4	2.56	0.02	0.26	91	<2	0.01	23	414	<2	<5	2	<10	<1	0.07	46	<10	2	23	4
ME0162	<0.2	1.01	<5	19	<0.5	<5	0.09	<1	6	27	13	1.93	0.02	0.25	79	<2	0.01	13	319	<2	<5	1	<10	2	0.05	35	<10	2	17	3
ME0163	<0.2	2.11	<5	26	<0.5	<5	0.07	<1	6	33	16	1.94	0.01	0.19	59	<2	0.01	15	221	<2	<5	2	<10	<1	0.07	37	<10	2	12	4
ME0164	<0.2	1.70	<5	22	<0.5	<5	0.05	<1	5	27	19	2.22	0.01	0.13	42	<2	0.01	9	250	5	<5	1	<10	1	0.07	50	<10	2	13	3
ME0166	<0.2	0.77	<5	29	<0.5	<5	0.05	<1	5	21	17	1.79	0.01	0.14	44	<2	0.01	9	171	9	<5	<1	<10	3	0.09	59	<10	1	15	1
ME0167	<0.2	2.72	<5	27	<0.5	<5	0.05	<1	7	33	25	3.27	0.01	0.15	49	<2	0.01	13	310	16	<5	3	<10	<1	0.07	63	<10	3	37	6
ME0168	<0.2	2.00	<5	30	<0.5	<5	0.06	<1	6	34	14	2.84	0.01	0.18	53	<2	0.01	13	205	6	<5	2	<10	<1	0.08	67	<10	1	28	5
ME0169	<0.2	2.07	<5	26	<0.5	<5	0.05	<1	6	36	15	2.16	0.01	0.13	39	<2	0.01	16	239	16	<5	2	<10	2	0.07	48	<10	2	25	4
ME0170	<0.2	2.26	<5	49	<0.5	<5	0.11	<1	8	30	24	2.22	0.02	0.18	61	<2	0.01	20	208	5	<5	2	<10	4	0.07	51	<10	2	21	5
ME0172	<0.2	3.24	<5	57	<0.5	<5	0.06	<1	12	46	15	2.90	0.02	0.17	67	<2	0.01	24	398	2	<5	2	<10	2	0.09	56	<10	2	19	5
ME0173	<0.2	3.15	<5	25	<0.5	<5	0.07	<1	7	31	36	1.93	0.02	0.26	105	<2	0.01	16	800	4	<5	4	<10	1	0.06	38	<10	3	50	4

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:

TEMEX RESOURCES CORPORATION

Attention: IAN CAMPBELL

Project: MERICO ETHEL

Sample: Soil

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No **4W2807 SJ**
Date : Jan-03-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
ME0174	0.6	0.88	<5	68	<0.5	<5	0.23	<1	6	20	20	1.20	0.02	0.12	78	<2	0.01	12	271	10	<5	1	<10	16	0.10	42	<10	1	14	2
ME0175	0.4	1.51	<5	28	<0.5	<5	0.07	<1	4	23	12	1.60	0.02	0.12	47	<2	0.01	10	270	5	<5	2	<10	3	0.05	36	<10	2	27	2
ME0176	<0.2	1.22	<5	34	<0.5	<5	0.05	<1	5	22	13	1.68	0.01	0.10	44	<2	0.01	9	212	5	<5	1	<10	2	0.07	46	<10	2	12	2
ME0177	<0.2	1.22	<5	25	<0.5	<5	0.12	<1	8	29	15	1.91	0.01	0.29	80	<2	0.01	17	286	6	<5	2	<10	4	0.08	43	<10	2	14	3
ME0178	<0.2	1.79	169	23	<0.5	<5	0.10	<1	94	32	308	1.60	0.02	0.23	135	<2	0.01	34	470	4	<5	2	<10	3	0.05	32	<10	2	24	2
ME0179	0.3	0.91	<5	20	<0.5	<5	0.05	<1	8	12	27	0.84	0.01	0.05	29	<2	0.01	5	129	4	<5	<1	<10	3	0.05	26	<10	1	9	1
ME0180	<0.2	1.77	<5	28	<0.5	<5	0.11	<1	8	36	17	1.90	0.01	0.31	79	<2	0.02	16	264	<2	<5	2	<10	4	0.08	36	<10	2	19	3
ME0222	<0.2	1.53	<5	38	<0.5	<5	0.14	<1	8	36	6	1.52	0.03	0.38	108	<2	0.02	22	292	<2	<5	2	<10	3	0.06	29	<10	3	24	3
ME0223	<0.2	0.91	<5	26	<0.5	<5	0.11	<1	5	24	4	1.00	0.02	0.25	78	<2	0.01	14	187	2	<5	1	<10	5	0.05	21	<10	2	20	1
ME0224	<0.2	1.05	<5	17	<0.5	<5	0.13	<1	6	29	6	1.05	0.02	0.29	71	<2	0.01	19	356	<2	<5	1	<10	4	0.04	22	<10	2	14	2
ME0225	<0.2	0.96	<5	17	<0.5	<5	0.10	<1	5	26	5	1.06	0.01	0.24	65	<2	0.01	15	306	<2	<5	1	<10	3	0.04	23	<10	2	13	2
ME0226	<0.2	0.96	<5	19	<0.5	<5	0.15	<1	6	31	17	1.05	0.01	0.32	80	<2	0.01	20	409	<2	<5	1	<10	5	0.05	23	<10	3	13	2
ME0227	<0.2	1.31	<5	24	<0.5	<5	0.06	<1	7	35	8	1.55	0.02	0.26	73	<2	0.01	21	170	<2	6	2	<10	3	0.07	32	<10	2	13	3
ME0228	<0.2	1.61	<5	47	<0.5	<5	0.10	<1	8	32	6	1.80	0.02	0.24	69	<2	0.01	24	270	<2	5	2	<10	6	0.07	39	<10	3	13	3
ME0229	<0.2	2.58	<5	26	<0.5	<5	0.09	<1	8	39	34	2.40	0.02	0.27	74	<2	0.02	21	453	<2	<5	3	<10	4	0.07	42	<10	4	20	4
ME0230	<0.2	0.86	<5	41	<0.5	<5	0.08	<1	4	18	3	1.38	0.02	0.10	245	<2	0.01	9	584	3	5	<1	<10	5	0.04	26	<10	1	15	1
ME0231	<0.2	1.68	<5	54	<0.5	<5	0.14	<1	7	33	5	1.61	0.03	0.25	218	<2	0.01	21	611	<2	6	1	<10	7	0.06	28	<10	2	32	2
ME0232	<0.2	2.04	<5	43	<0.5	<5	0.09	<1	7	30	2	2.18	0.02	0.15	60	<2	0.01	18	309	<2	8	1	<10	5	0.07	37	<10	2	17	2
ME0233	<0.2	2.33	<5	47	<0.5	<5	0.07	<1	8	35	4	2.22	0.02	0.16	63	<2	0.01	20	403	<2	<5	2	<10	5	0.08	40	<10	2	22	2
ME0234	<0.2	1.93	<5	35	<0.5	<5	0.07	<1	8	35	6	1.80	0.02	0.20	71	<2	0.01	22	505	<2	6	2	<10	3	0.06	35	<10	3	19	2
ME0235	<0.2	0.80	<5	18	<0.5	<5	0.07	<1	5	23	2	2.16	0.01	0.11	39	<2	0.01	8	346	2	<5	<1	<10	4	0.09	54	<10	<1	10	2
ME0236	<0.2	1.52	<5	41	<0.5	<5	0.08	<1	7	37	23	1.96	0.01	0.25	68	<2	0.01	21	271	<2	7	2	<10	4	0.07	38	<10	2	19	3
ME0237	<0.2	1.46	<5	30	<0.5	<5	0.10	<1	6	27	13	1.91	0.02	0.19	72	<2	0.01	13	269	2	<5	1	<10	5	0.07	35	<10	1	35	[illegible]

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Judy Reid

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2808-SG1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico Ethel
Attn: I. Campbell

Date: DEC-22-04

We hereby certify the following Geochemical Analysis of 83 Soil samples submitted DEC-10-04 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
ME0238	2	-	Results
ME0239	Nil	-	to
ME0240	5	-	follow
ME0241	2	-	
ME0242	Nil	-	
ME0243	Nil	-	
ME0244	17	14	
ME0245	2	-	
ME0246	5	7	
ME0247	Nil	-	
ME0248	Nil	-	
ME0249	9	-	
ME0250	Nil	-	
ME0251	Nil	-	
ME0252	Nil	-	
ME0253	Nil	-	
ME0254	9	-	
ME0255	3	-	
ME0256	3	-	
ME0257	2	-	
ME0258	Nil	-	
ME0259	Nil	-	
ME0260	Nil	-	
ME0261	Nil	-	
ME0262	Nil	-	
ME0263	3	-	
ME0264	Nil	-	
ME0265	Nil	-	
ME0266	Nil	-	
ME0267	Nil	-	

Certified by Denis Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Swastika Laboratories Ltd

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Geochemical Analysis Certificate

4W-2808-SG1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico Ethel
Attn: I. Campbell

Date: DEC-22-04

We hereby certify the following Geochemical Analysis of 83 Soil samples submitted DEC-10-04 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
ME0268	Nil	-	
ME0269	Nil	-	
ME0270	Nil	-	
ME0271	Nil	-	
ME0272	Nil	-	
ME0273	3	-	
ME0274	5	3	
ME0275	Nil	-	
ME0276	14	14	
ME0277	Nil	-	
ME0278	Nil	-	
ME0279	Nil	-	
ME0280	Nil	-	
ME0281	Nil	-	
ME0282	Nil	-	
ME0283	Nil	-	
ME0284	3	-	
ME0285	Nil	-	
ME0286	2	-	
ME0287	Nil	-	
ME0288	Nil	-	
ME0289	Nil	-	
ME0290	Nil	-	
ME0292	5	Nil	
ME0293	Nil	-	
ME0294	Nil	-	
ME0295	Nil	-	
ME0296	2	-	
ME0297	Nil	-	
ME0298	Nil	-	

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4W-2808-SG1

Company: **TEMEX RESOURCES CORPORATION**
Project: Merico Ethel
Attn: I. Campbell

Date: DEC-22-04

We hereby certify the following Geochemical Analysis of 83 Soil samples submitted DEC-10-04 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
ME0299	Nil	-	
ME0300	3	-	
ME0301	Nil	-	
ME0302	Nil	-	
ME0303	Nil	-	
ME0304	Nil	-	
ME0305	5	Nil	
ME0306	Nil	-	
ME0307	Nil	-	
ME0308	Nil	-	
ME0309	Nil	-	
ME0310	Nil	-	
ME0311	12	-	
ME0312	2	-	
ME0313	Nil	-	
ME0314	Nil	-	
ME0315	Nil	-	
ME0316	5	-	
ME0317	2	-	
ME0318	Nil	-	
ME0319	Nil	-	
ME0320	Nil	-	
ME0321	Nil	-	
Blank	Nil	-	
STD OxK18	3298	-	

Certified by Denis Chartré

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

TEMEX RESOURCES CORPORATION

Attention: IAN CAMPBELL

Project: MERICO ETHEL

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No 4W2808 SJ

Date : Jan-03-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
ME0238	<0.2	1.81	<5	25	<0.5	<5	0.07	<1	4	26	15	1.68	0.02	0.12	44	<2	0.01	9	820	3	<5	2	<10	4	0.05	35	<10	2	25	1
ME0239	<0.2	1.44	<5	57	<0.5	<5	0.10	<1	7	29	6	2.17	0.02	0.19	88	<2	0.02	15	321	<2	<5	1	<10	6	0.08	44	<10	1	24	2
ME0240	<0.2	1.01	<5	24	<0.5	<5	0.12	<1	6	29	9	2.04	0.02	0.21	57	<2	0.01	14	198	<2	6	1	<10	7	0.10	52	<10	1	16	2
ME0241	<0.2	2.28	<5	52	<0.5	<5	0.15	<1	11	38	20	1.84	0.03	0.30	104	<2	0.02	22	310	<2	6	2	<10	9	0.08	36	<10	3	36	2
ME0242	<0.2	2.33	<5	41	<0.5	<5	0.10	<1	16	36	40	1.89	0.02	0.26	81	<2	0.02	22	238	<2	5	3	<10	6	0.09	38	<10	4	34	3
ME0243	<0.2	0.91	<5	25	<0.5	<5	0.07	<1	4	18	3	1.36	0.01	0.10	39	<2	0.01	6	171	5	<5	<1	<10	4	0.07	34	<10	1	16	2
ME0244	<0.2	2.25	5	39	<0.5	<5	0.10	<1	8	37	11	2.12	0.02	0.25	88	<2	0.02	20	456	<2	5	2	<10	6	0.07	40	<10	2	31	3
ME0245	0.4	1.25	<5	38	<0.5	<5	0.13	<1	9	34	21	2.91	0.02	0.27	77	<2	0.02	16	226	7	6	1	<10	7	0.13	62	<10	2	25	4
ME0246	<0.2	1.51	7	45	<0.5	<5	0.19	<1	14	41	29	2.54	0.02	0.33	179	<2	0.02	23	418	6	5	2	<10	9	0.08	45	<10	2	51	3
ME0247	<0.2	1.49	<5	21	<0.5	<5	0.18	<1	6	25	10	1.44	0.01	0.27	87	<2	0.02	15	498	<2	<5	2	<10	7	0.06	24	<10	2	20	2
ME0248	<0.2	1.43	<5	39	<0.5	<5	0.16	<1	7	28	11	1.89	0.01	0.28	146	<2	0.02	16	343	<2	<5	2	<10	9	0.07	35	<10	3	22	2
ME0249	<0.2	1.49	<5	31	<0.5	<5	0.13	<1	7	28	6	2.09	0.02	0.25	96	<2	0.02	14	325	<2	5	2	<10	7	0.08	38	<10	3	25	2
ME0250	<0.2	1.47	<5	27	<0.5	<5	0.13	<1	8	30	6	1.80	0.01	0.26	153	<2	0.02	17	337	<2	6	1	<10	8	0.08	36	<10	2	17	2
ME0251	<0.2	1.65	<5	45	<0.5	<5	0.15	<1	8	31	12	1.65	0.01	0.29	125	<2	0.02	21	359	<2	6	2	<10	8	0.08	35	<10	2	25	3
ME0252	<0.2	0.99	<5	44	<0.5	<5	0.06	<1	5	18	2	1.61	0.02	0.11	104	<2	0.01	10	189	6	<5	<1	<10	4	0.07	43	<10	1	13	1
ME0253	<0.2	1.98	<5	32	<0.5	<5	0.13	<1	7	27	29	2.10	0.02	0.23	96	<2	0.01	17	419	38	<5	2	<10	5	0.05	39	<10	3	34	2
ME0254	<0.2	3.29	<5	24	<0.5	<5	0.08	<1	9	39	60	2.54	0.01	0.20	59	<2	0.02	17	383	8	6	4	<10	5	0.08	49	<10	5	17	4
ME0255	<0.2	2.26	<5	19	<0.5	<5	0.07	<1	7	30	27	1.65	0.01	0.24	64	<2	0.01	15	262	<2	<5	2	<10	5	0.08	37	<10	3	15	3
ME0256	<0.2	2.32	<5	30	<0.5	<5	0.08	<1	11	34	9	1.90	0.01	0.26	76	<2	0.02	22	278	<2	5	2	<10	5	0.08	37	<10	2	18	4
ME0257	0.5	2.08	<5	33	<0.5	<5	0.07	<1	9	31	152	1.73	0.02	0.25	96	<2	0.01	17	299	<2	<5	2	<10	5	0.07	36	<10	3	21	2
ME0258	<0.2	1.64	<5	19	<0.5	<5	0.13	<1	8	30	5	1.63	<0.01	0.22	64	<2	0.01	17	249	<2	6	2	<10	5	0.08	33	<10	2	12	3
ME0259	<0.2	0.83	<5	26	<0.5	<5	0.07	<1	6	21	3	2.09	0.01	0.10	36	<2	0.01	10	161	8	<5	<1	<10	5	0.13	66	<10	1	12	2
ME0260	<0.2	2.78	<5	24	<0.5	<5	0.08	<1	7	37	18	2.35	0.02	0.21	61	<2	0.01	16	379	14	<5	2	<10	5	0.08	44	<10	3	26	2
ME0261	0.4	3.47	<5	32	<0.5	<5	0.10	<1	8	39	16	2.30	0.01	0.19	57	<2	0.01	19	493	25	<5	3	<10	7	0.07	38	<10	3	20	3
ME0262	<0.2	2.08	<5	62	<0.5	<5	0.12	<1	10	33	6	2.75	0.01	0.21	369	<2	0.02	16	458	<2	5	1	<10	6	0.10	50	<10	2	21	2
ME0263	<0.2	1.84	<5	34	<0.5	<5	0.08	<1	6	28	14	1.35	0.01	0.15	51	<2	0.02	12	215	2	<5	2	<10	4	0.08	34	<10	2	16	2
ME0264	<0.2	1.47	<5	27	<0.5	<5	0.11	<1	6	29	3	1.99	0.01	0.16	74	<2	0.02	11	364	2	<5	1	<10	5	0.08	43	<10	2	15	2
ME0265	<0.2	1.85	<5	35	<0.5	<5	0.11	<1	6	29	6	2.22	0.02	0.15	90	<2	0.02	12	370	3	<5	2	<10	5	0.08	41	<10	4	24	2
ME0266	<0.2	1.55	<5	66	<0.5	<5	0.16	<1	8	29	5	2.25	0.02	0.24	132	<2	0.02	15	347	2	<5	1	<10	9	0.09	40	<10	2	42	2
ME0267	<0.2	1.69	<5	35	<0.5	<5	0.12	<1	8	29	4	2.02	0.02	0.23	137	<2	0.02	14	300	2	<5	1	<10	8	0.10	39	<10	2	19	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Judy Pierce

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

TEMEX RESOURCES CORPORATION

Attention: IAN CAMPBELL

Project: MERICO ETHEL

Sample: Soil

Report No 4W2808 SJ

Date : Jan-03-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
ME0268	<0.2	1.24	<5	38	<0.5	<5	0.10	<1	6	23	2	2.21	0.02	0.13	147	<2	0.01	10	299	6	<5	1	<10	5	0.09	45	<10	2	15	2
ME0269	<0.2	1.24	<5	44	<0.5	<5	0.10	<1	11	24	6	1.81	0.02	0.14	928	<2	0.01	10	503	9	<5	1	<10	5	0.05	36	<10	2	51	1
ME0270	<0.2	1.28	<5	18	<0.5	<5	0.16	<1	7	25	8	1.26	0.01	0.26	78	<2	0.02	15	343	<2	<5	2	<10	7	0.07	30	<10	4	14	2
ME0271	<0.2	1.12	<5	34	<0.5	<5	0.14	<1	7	29	5	2.45	0.01	0.24	84	<2	0.01	13	235	4	5	1	<10	8	0.10	43	<10	2	15	2
ME0272	<0.2	1.33	<5	38	<0.5	<5	0.12	<1	7	24	5	1.55	0.02	0.21	119	<2	0.01	16	317	4	<5	1	<10	5	0.06	30	<10	2	17	2
ME0273	<0.2	1.58	<5	74	<0.5	<5	0.14	<1	9	26	7	1.58	0.02	0.22	120	<2	0.01	20	367	4	<5	1	<10	9	0.06	31	<10	2	52	1
ME0274	<0.2	2.29	<5	28	<0.5	<5	0.10	<1	16	32	68	1.84	0.02	0.26	85	<2	0.02	21	397	10	<5	3	<10	4	0.06	35	<10	4	28	2
ME0275	<0.2	2.51	<5	36	<0.5	<5	0.07	<1	7	34	6	3.03	0.01	0.13	37	<2	0.01	15	214	3	<5	2	<10	3	0.09	63	<10	2	10	4
ME0276	<0.2	2.70	6	25	<0.5	<5	0.07	<1	48	28	108	3.16	0.01	0.19	51	<2	0.02	16	234	43	<5	5	<10	3	0.05	50	<10	4	29	5
ME0277	<0.2	1.47	<5	43	<0.5	<5	0.12	<1	7	27	7	1.71	0.02	0.19	157	<2	0.02	19	531	4	<5	1	<10	7	0.06	35	<10	2	28	2
ME0278	<0.2	0.72	<5	20	<0.5	<5	0.07	<1	5	17	4	1.27	0.01	0.08	109	<2	0.01	6	205	4	<5	<1	<10	5	0.05	32	<10	1	13	2
ME0279	<0.2	1.25	<5	29	<0.5	<5	0.07	<1	5	29	4	2.07	0.02	0.16	50	<2	0.01	12	206	8	<5	1	<10	4	0.08	44	<10	1	11	2
ME0280	<0.2	1.24	<5	21	<0.5	<5	0.19	<1	7	24	10	1.15	0.01	0.30	84	<2	0.02	16	377	<2	<5	2	<10	8	0.07	27	<10	3	14	3
ME0281	<0.2	1.08	<5	15	<0.5	<5	0.11	<1	6	30	5	1.28	0.02	0.30	80	<2	0.01	19	267	<2	<5	1	<10	4	0.05	28	<10	3	13	2
ME0282	<0.2	1.06	<5	15	<0.5	<5	0.05	<1	3	15	2	1.03	0.02	0.08	73	<2	0.01	6	241	7	<5	<1	<10	4	0.04	23	<10	1	9	<1
ME0283	<0.2	1.13	<5	19	<0.5	<5	0.08	<1	5	25	4	1.17	0.02	0.20	72	<2	0.01	14	228	4	<5	1	<10	3	0.05	23	<10	2	12	<1
ME0284	<0.2	1.25	<5	34	<0.5	<5	0.15	<1	6	31	6	1.30	0.02	0.33	83	<2	0.02	19	356	4	<5	1	<10	5	0.05	27	<10	2	16	2
ME0285	<0.2	1.03	<5	14	<0.5	<5	0.10	<1	5	24	4	1.27	0.02	0.23	76	<2	0.01	15	273	4	<5	1	<10	3	0.05	26	<10	2	13	2
ME0286	<0.2	1.01	<5	18	<0.5	<5	0.06	<1	4	19	4	1.06	0.01	0.11	71	<2	0.01	7	246	<2	<5	<1	<10	2	0.05	23	<10	1	10	1
ME0287	<0.2	1.31	<5	25	<0.5	<5	0.09	<1	5	26	3	1.41	0.02	0.17	109	<2	0.01	13	428	<2	<5	<1	<10	4	0.05	29	<10	2	17	1
ME0288	<0.2	1.29	<5	30	<0.5	<5	0.12	<1	6	29	4	1.39	0.02	0.23	221	<2	0.01	18	644	<2	<5	<1	<10	5	0.04	26	<10	2	16	1
ME0289	<0.2	1.42	<5	30	<0.5	<5	0.13	<1	7	32	3	1.75	0.02	0.25	115	<2	0.01	19	376	3	<5	1	<10	5	0.06	35	<10	3	13	3
ME0290	<0.2	1.33	<5	32	<0.5	<5	0.15	<1	8	36	9	1.64	0.02	0.32	92	<2	0.01	23	403	2	<5	2	<10	6	0.06	31	<10	3	19	3
ME0292	<0.2	0.77	<5	20	<0.5	<5	0.15	<1	7	27	6	1.33	0.02	0.31	123	<2	0.01	17	414	4	<5	1	<10	4	0.05	31	<10	3	15	2
ME0293	<0.2	1.54	<5	16	<0.5	<5	0.10	<1	4	34	5	1.86	0.02	0.21	60	<2	0.01	13	333	3	<5	2	<10	3	0.05	44	<10	2	12	3
ME0294	<0.2	1.17	<5	14	<0.5	<5	0.16	<1	7	33	7	1.58	0.02	0.32	104	<2	0.01	19	441	<2	<5	1	<10	2	0.07	40	<10	3	16	3
ME0295	<0.2	0.91	<5	22	<0.5	<5	0.18	<1	6	29	6	1.16	0.02	0.30	78	<2	0.01	20	438	<2	<5	1	<10	5	0.05	30	<10	3	13	2
ME0296	<0.2	1.35	<5	17	<0.5	<5	0.16	<1	7	32	3	1.55	0.02	0.30	75	<2	0.02	19	400	<2	<5	1	<10	4	0.06	33	<10	3	14	3
ME0297	0.5	1.16	<5	37	<0.5	<5	0.15	<1	9	28	59	1.77	0.02	0.30	101	<2	0.01	18	226	15	<5	1	<10	8	0.07	31	<10	2	31	2
ME0298	<0.2	1.87	<5	41	<0.5	<5	0.11	<1	8	39	20	2.56	0.02	0.28	77	<2	0.01	21	291	<2	5	2	<10	5	0.09	53	<10	2	18	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3
at 95c for 2 hours and diluted to 25ml with D.I.H20

Signed ________________

TEMEX RESOURCES CORPORATION

Attention: IAN CAMPBELL

Project: MERICO ETHEL

Sample: Soil

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 4W2808 SJ

Date : Jan-03-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
ME0299	<0.2	0.54	<5	16	<0.5	<5	0.08	<1	4	15	4	0.70	<0.01	0.19	51	<2	0.01	8	69	4	<5	<1	<10	5	0.08	25	<10	<1	10	1
ME0300	<0.2	1.20	<5	36	<0.5	<5	0.09	<1	10	32	12	3.53	0.02	0.23	118	<2	0.01	12	328	8	<5	1	<10	5	0.15	91	<10	2	21	3
ME0301	<0.2	1.19	<5	33	<0.5	<5	0.08	<1	7	26	7	2.48	0.02	0.14	94	<2	0.01	11	282	10	<5	1	<10	6	0.11	54	<10	2	18	2
ME0302	0.2	1.65	<5	52	<0.5	<5	0.08	<1	7	29	9	2.14	0.02	0.18	78	<2	0.01	17	181	3	<5	1	<10	4	0.09	52	<10	2	14	2
ME0303	<0.2	1.03	<5	19	<0.5	<5	0.15	<1	7	27	16	1.31	0.01	0.30	94	<2	0.02	16	314	2	<5	2	<10	7	0.07	33	<10	3	16	2
ME0304	<0.2	1.27	<5	25	<0.5	<5	0.10	<1	7	28	12	1.95	0.01	0.22	55	<2	0.01	13	148	5	<5	2	<10	5	0.10	49	<10	2	12	3
ME0305	<0.2	0.96	<5	42	<0.5	<5	0.12	<1	5	21	2	1.55	0.02	0.15	60	<2	0.01	10	145	5	<5	<1	<10	7	0.08	34	<10	1	15	2
ME0306	<0.2	1.50	<5	28	<0.5	<5	0.10	<1	8	24	5	2.22	0.01	0.19	70	<2	0.02	14	277	2	<5	1	<10	5	0.09	44	<10	2	21	2
ME0307	<0.2	1.90	<5	49	<0.5	<5	0.15	<1	10	33	77	1.88	0.02	0.26	138	<2	0.01	26	307	3	<5	2	<10	7	0.07	35	<10	3	24	2
ME0308	<0.2	0.89	13	28	<0.5	<5	0.10	<1	9	22	92	1.39	0.01	0.26	78	<2	0.01	14	130	3	<5	1	<10	5	0.07	45	<10	1	17	1
ME0309	<0.2	1.55	<5	37	<0.5	<5	0.08	<1	9	27	8	1.97	0.01	0.22	69	<2	0.01	19	212	<2	<5	1	<10	2	0.08	39	<10	2	19	3
ME0310	<0.2	1.22	<5	23	<0.5	<5	0.06	<1	4	17	11	1.45	0.01	0.10	44	<2	0.01	6	211	6	<5	1	<10	2	0.05	36	<10	2	19	1
ME0311	<0.2	1.60	<5	28	<0.5	<5	0.08	<1	6	24	24	2.45	0.02	0.14	54	<2	0.01	10	210	19	8	1	<10	3	0.08	63	<10	2	24	3
ME0312	<0.2	0.76	<5	21	<0.5	<5	0.07	<1	4	16	31	1.52	0.01	0.08	65	<2	0.01	7	184	23	<5	<1	<10	4	0.07	43	<10	2	20	1
ME0313	<0.2	1.66	<5	20	<0.5	<5	0.09	<1	6	27	18	1.60	0.01	0.21	70	<2	0.01	12	212	<2	6	2	<10	5	0.08	37	<10	2	16	2
ME0314	<0.2	1.72	<5	26	<0.5	<5	0.08	<1	6	29	12	1.71	0.01	0.20	59	<2	0.01	14	244	<2	<5	2	<10	6	0.08	37	<10	2	14	3
ME0315	<0.2	1.01	<5	29	<0.5	<5	0.09	<1	6	23	6	1.69	0.01	0.18	100	<2	0.01	12	173	<2	6	1	<10	6	0.07	30	<10	2	21	2
ME0316	<0.2	1.83	<5	35	<0.5	<5	0.16	<1	9	31	16	2.41	0.01	0.33	81	<2	0.02	23	316	<2	<5	2	<10	9	0.07	38	<10	3	18	3
ME0317	<0.2	1.82	<5	31	<0.5	<5	0.14	<1	8	29	12	1.70	0.01	0.25	65	<2	0.02	20	200	<2	5	2	<10	9	0.08	37	<10	5	14	2
ME0318	<0.2	1.74	<5	39	<0.5	<5	0.08	<1	7	27	5	1.49	0.01	0.18	79	<2	0.01	15	166	<2	<5	1	<10	7	0.08	33	<10	2	18	2
ME0319	<0.2	1.59	<5	52	<0.5	<5	0.11	<1	6	24	3	1.61	0.01	0.19	61	<2	0.02	14	185	<2	<5	1	<10	8	0.09	35	<10	2	17	2
ME0320	<0.2	1.09	<5	47	<0.5	<5	0.08	<1	5	19	2	1.83	0.03	0.12	61	<2	0.01	9	228	<2	6	<1	<10	7	0.09	46	<10	1	14	2
ME0321	<0.2	1.94	<5	54	<0.5	<5	0.13	<1	9	34	5	2.99	0.02	0.25	88	<2	0.02	19	352	<2	8	2	<10	10	0.12	49	<10	2	21	3

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: [signature]

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-2809-SG1

Company: **TEMEX RESOURCES CORPORATION**

Date: DEC-28-04

Project: Merico Ethel

Attn: I. Campbell

We hereby certify the following Geochemical Analysis of 11 Soil samples submitted DEC-10-04 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
ME0322	Nil	-	Results
ME0323	Nil	-	to
ME0324	Nil	-	follow
ME0325	Nil	-	
ME0326	Nil	-	
ME0327	Nil	-	
ME0328	Nil	-	
ME0329	Nil	-	
ME0330	Nil	Nil	
ME0331	Nil	-	
ME0332	Nil	-	
Blank	Nil	-	
STD OxK18	3435	-	

Certified by Denis Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

TEMEX RESOURCES CORPORATION

Attention: I. Campbell

Project: Merico Ethel

Sample: Soil

Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : **4W2809 SJ**

Date : Jan-05-05

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi 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	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
ME0322	<0.2	1.87	<5	23	<0.5	<5	0.11	<1	5	28	4	1.71	0.02	0.22	70	<2	0.01	12	804	2	<5	2	<10	4	0.06	37	<10	2	28	2
ME0323	<0.2	1.66	<5	42	<0.5	<5	0.13	<1	9	32	1	2.45	0.02	0.22	158	<2	0.01	14	563	7	<5	2	<10	6	0.11	56	<10	2	53	2
ME0324	<0.2	1.82	<5	25	<0.5	<5	0.14	<1	11	31	14	1.72	0.02	0.26	131	<2	0.01	16	411	<2	<5	3	<10	6	0.08	38	<10	4	33	2
ME0325	<0.2	2.09	<5	42	<0.5	<5	0.09	<1	7	31	2	2.15	0.02	0.15	58	<2	0.02	15	325	5	<5	2	<10	3	0.07	36	<10	2	25	3
ME0326	<0.2	2.33	<5	82	<0.5	<5	0.14	<1	15	43	12	4.50	0.03	0.24	117	<2	0.02	22	422	7	<5	3	<10	4	0.20	117	<10	4	22	5
ME0327	<0.2	2.18	<5	29	<0.5	<5	0.13	<1	11	33	21	3.17	0.02	0.27	126	<2	0.02	19	432	9	<5	2	<10	2	0.08	51	<10	2	41	3
ME0328	<0.2	1.69	<5	26	<0.5	<5	0.07	<1	8	26	52	3.11	0.02	0.19	66	<2	0.01	12	302	19	<5	3	<10	<1	0.07	66	<10	2	32	3
ME0329	<0.2	0.97	<5	35	<0.5	<5	0.17	<1	8	24	7	1.25	0.01	0.31	92	<2	0.02	16	169	5	<5	1	<10	8	0.09	32	<10	2	15	3
ME0330	<0.2	1.23	<5	54	<0.5	<5	0.13	<1	8	30	8	1.98	0.02	0.30	89	<2	0.02	18	131	3	5	1	<10	7	0.12	46	<10	2	16	3
ME0331	<0.2	1.31	<5	56	<0.5	<5	0.14	<1	8	25	7	1.54	0.02	0.23	84	<2	0.02	18	134	5	<5	1	<10	6	0.08	36	<10	2	14	2
ME0332	<0.2	0.85	<5	29	<0.5	<5	0.08	<1	4	14	3	1.06	0.02	0.10	39	<2	0.01	7	92	4	<5	<1	<10	4	0.07	32	<10	2	9	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: ____________

APPENDIX VII

Geological Legend

GEOLOGICAL LEGEND

Quaternary	
Ground moraine sediments	OVB
Lacustrine deposits	OVB
Glaciofluvial outwash deposits; gravel & sand	OVB
Proterozoic	
Nipissing diabase	19c
Matachewan diabase	19b
Huronian Sediments	18
Lorraine Formation	18b
Gowganda Formation	18c
Firstbrook member	18d
Coleman member	18e
UNCONFORMITY	
Archean	
Felsic Intrusive Rocks	10
Hope Lake Stock	
Round Lake Batholith	
Mafic and Ultramafic Intrusive Rockss	8,9
Intermediate to mafic Volcanic Rocks	3
Skead Group – calcalkalic	
Catherine Group – Fe tholeiites	
Wabewawa Group – Mg and Fe tholeiites	

APPENDIX VIII

Report on the mineralogy and parageneses of rock samples Collected from the Merico-Ethel property 2004 by Richard Taylor

MINERALOGY AND PARAGENESIS OF ROCK SAMPLES COLLECTED FROM THE MERICO-ETHEL PROPERTY, COBALT EMBAYMENT, NORTHERN ONTARIO: SOME PRELIMINARY OBSERVATIONS OF BOTH LOCAL AND REGIONAL SIGNIFICANCE

Prepared for
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Ottawa, November 11th, 2004
(19 pages)

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EXECUTIVE SUMMARY

- The mineralogy, mineral chemistry, and paragenesis of a series of hand samples of the **copper mineralization and its host rock at the Merico-Ethel Property** (collected on behalf of Temex Resources Corp. by Alan Sexton, P.Geo.) were studied using a combination of transmitted and reflected light (optical) microscopy and Electron Micro-Probe (EMP) Analysis. The Merico-Ethel Property is located 5km northeast of the town of Elk Lake in the Cobalt Embayment of northern Ontario (Fig. 1).

- In this *Report* the newly acquired Merico-Ethel data are interpreted and also compared to existing (Taylor, 2004) and newly acquired Electron Micro-Probe data (Taylor, this *Report*) for the gangue mineralogy of the high-grade gold discovery from the **Brett Property, Latchford Project area** (Fig. 1) and also to published data for **Ag-Co veins from the Cobalt area** (Fig. 1).

- The **Merico-Ethel Property** is host to numerous, narrow (0.1-1.5m), steeply dipping carbonate (±quartz) veins hosted by a relatively flat-lying sheet of Nipissing Diabase. Historically, **copper assays of up to 22 weight percent** have been reported from the chalcopyrite mineralization that is evident in hand specimens of the mineralized veins (Fig. 2). **Gold values ranging from 0.1 to 22.53 g/tonne** have also been documented from the Merico-Ethel Property (Temex Resources News Release, Sept. 21, 2004). EMP analysis indicates that the **chalcopyrite in the Merico-Ethel samples does not contain significant amounts of impurities** and its composition is very close to that of stoichiometric chalcopyrite.

- In addition to **chalcopyrite** ($CuFeS_2$), the other ***ore minerals*** identified in the hand specimens from the Merico-Ethel Property comprise: **pyrite** (FeS_2); **carrollite** *sensu lato* $Cu(Co,Ni)_2S_4$; and **cobaltite** (CoAsS). Chalcopyrite is very clearly the predominant ore mineral in the hand specimens, with some vein samples having chalcopyrite contents in excess of 50 volume% (Fig. 2A). Representative EMP analyses of pyrite, carrollite, and cobaltite from Merico-Ethel are presented in Table 1 of this *Report*.

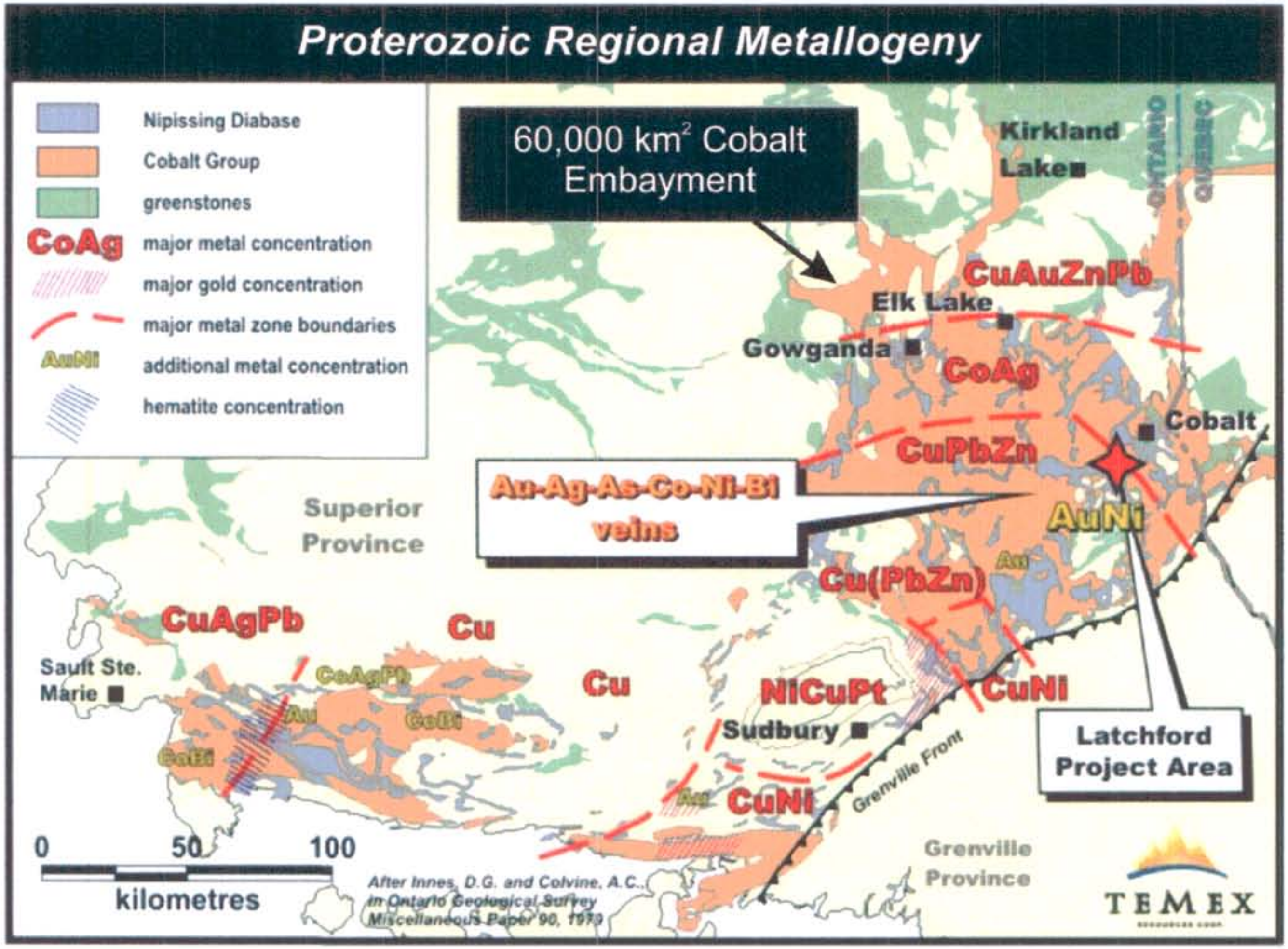
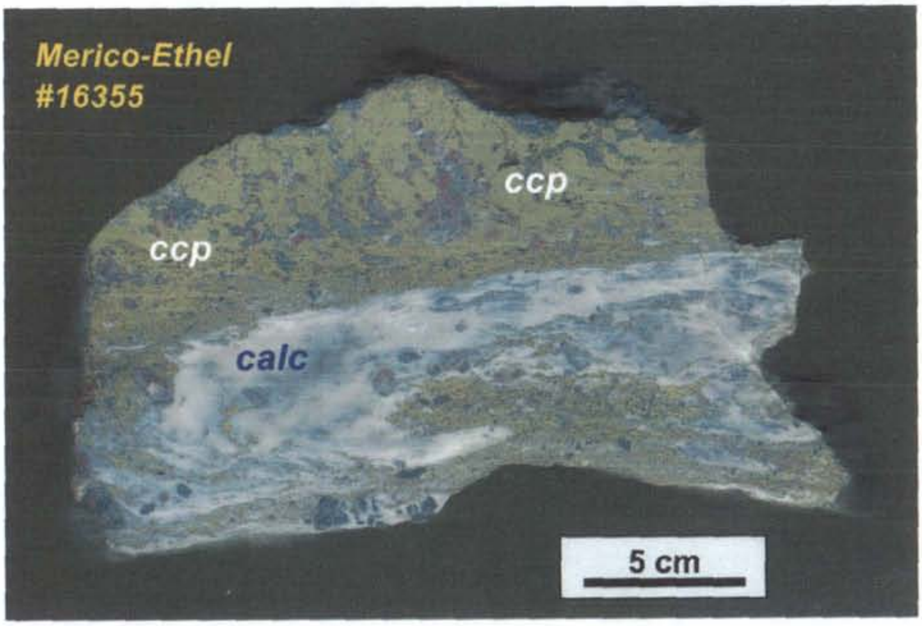


Figure 1. Regional metallogeny map showing the location of the Cobalt Embayment, and also the towns of Cobalt, Elk Lake, and Gowganda, together with the Latchford Project area.



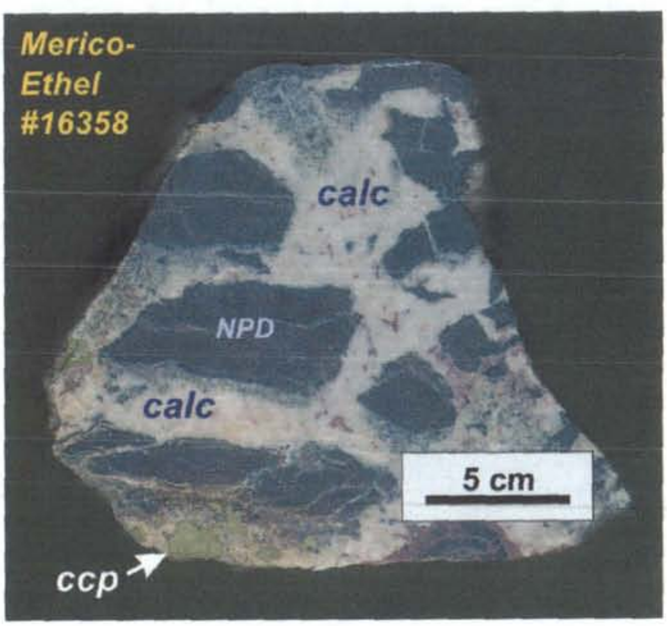


Figure 2.
Representative hand samples of the copper-mineralized veins from the Merico-Ethel Property, illustrating the following: (a) the chalcopyrite-rich nature of the mineralization; (b) the predominance of calcite in the gangue; (c) the fine-grained nature of the host diabase; and (d) the presence of both shear- and breccia-related deformational features. The abbrevaitions are: *ccp* = chalcopyrite; *calc* = calcite; *NPD* = Nipssing Diabase.

- Although **pyrite** occurs in significantly lesser amounts than chalcopyrite in the Merico-Ethel vein specimens, it is nevertheless reasonably common. The composition of the pyrite is noteworthy in that it contains a significant content of **cobalt**, with the concentration commonly ranging from 4 to 5 weight percent Co and having **a maximum value of 10.64 weight percent Co** (Table 1). With such high contents of Co, the mineral is more correctly termed **cobaltian pyrite**. Because the cobaltian pyrite typically occurs as smaller euhedral grains enclosed in coarser-grained chalcopyrite (Fig. 4A) its abundance is hard to determine. However, if an estimate of 3-5 volume% for the abundance is accepted, it is likely that **cobalt grades for Cu-Co ore from Merico-Ethel may well reach concentrations of ~0.5 weight percent**, particularly where the associated Co-rich carrollite is taken into account.

- The presence of the somewhat unusual **copper-cobalt-nickel sulphide** mineral, **carrollite** [$Cu(Co,Ni)_2S_4$] is consistent with the presence of cobaltian pyrite in the copper mineralized vein samples. The mineral carrolite is a member of the ***linnaeite group***: a group of isomorphous nickel- and cobalt-bearing sulphides including linnaeite, carrollite, siegenite, violarite, polydymite, and fletcherite (*cf.* Wagner & Cook, 1999). The **carrollite** *sensu lato* from Merico-Ethel is greatly enriched in cobalt relative to nickel (Co: Ni ratios of around 15) with Co contents of approximately 45 weight percent and nickel contents of <4 weight percent (Table 1).

- The cobalt sulpharsenide mineral, **cobaltite** (CoAsS), is present in much lesser amounts (<<1 volume%) than either of the Co-bearing sulphide minerals (cobaltian pyrite, carrollite).

- In terms of **ore processing**, the mineralogy of the Cu-Co mineralization from the Merico-Ethel veins (*viz.* chalcopyrite + cobaltian pyrite + carrollite) is akin to that of the stratiform copper deposits of the Central African Copperbelt (*cf.* Brown, 1993), which are amongst the most amenable for the economic extraction of Cu and Co.

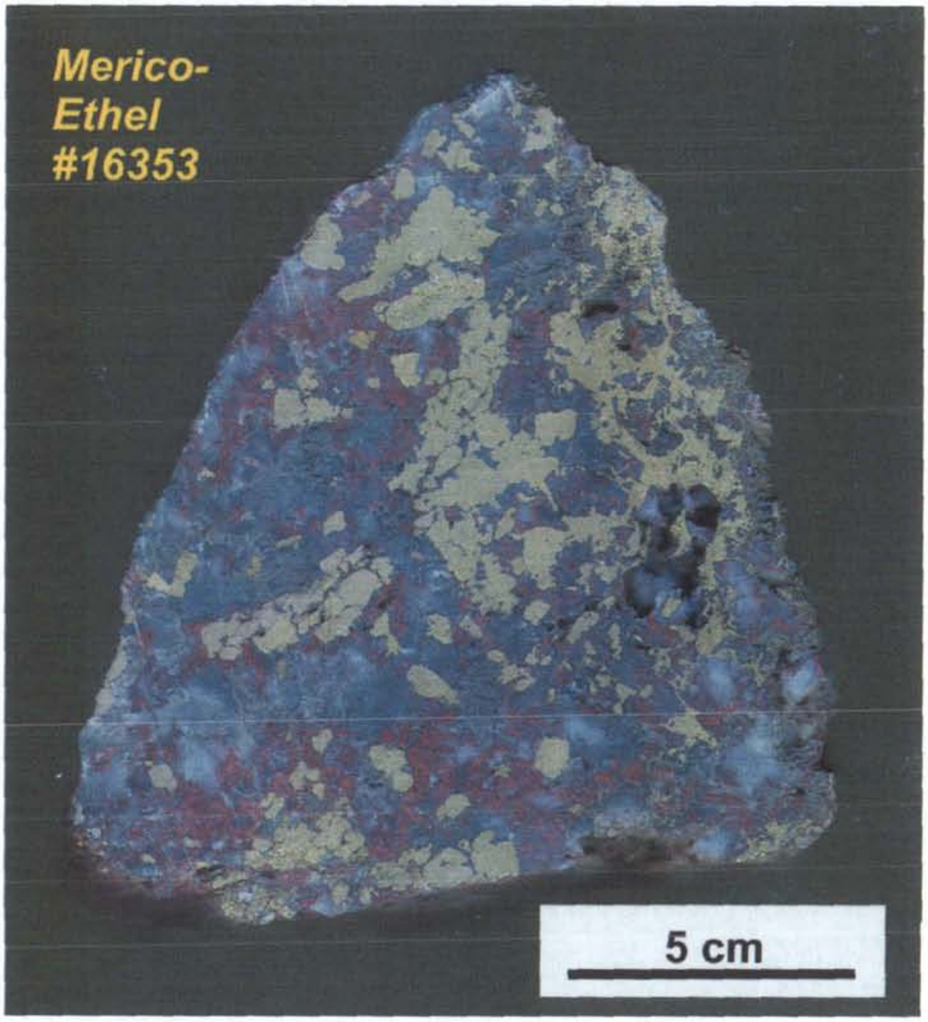


Figure 3. High-grade copper mineralization from the Merico-Ethel Property showing the presence of hematite (red earthy disseminations) in the calcite-dominated gangue that hosts chalcopyrite and its related Cu-Co minerals.

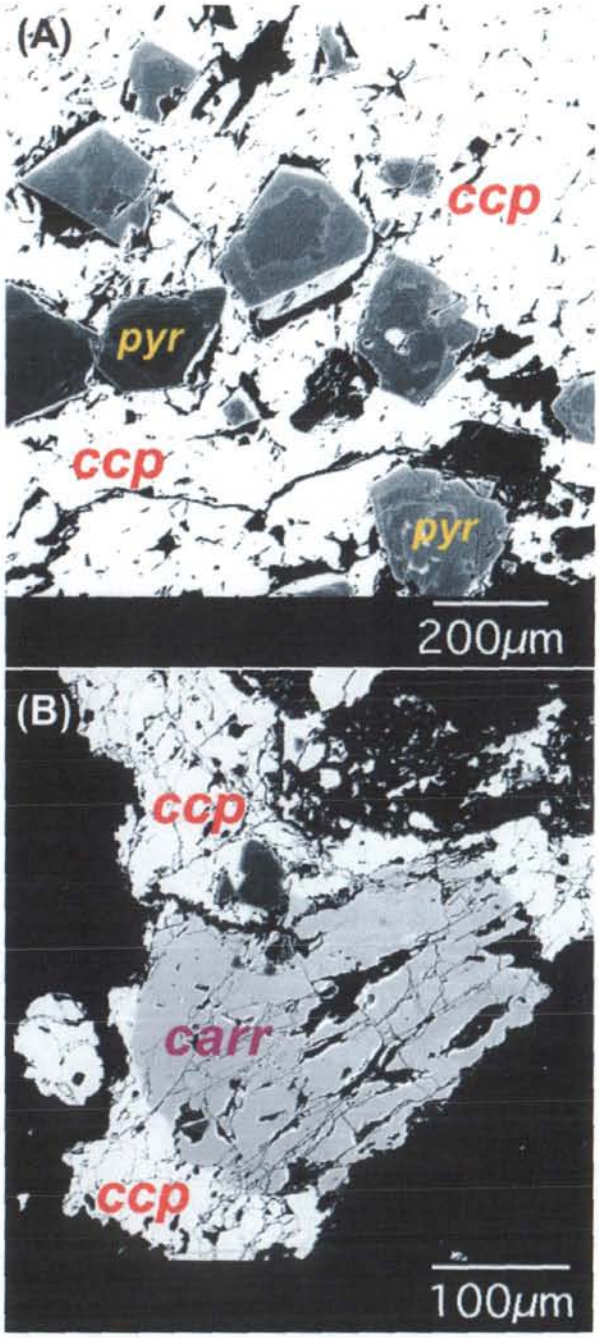


Figure 4 (A).
Backscattered electron (BSE) image from the electron microprobe illustrating the strong compositional zonation typically present in pyrite from the **Merico-Ethel Property**. The zonation is caused by a variation in the abundance of **cobalt**, which is present as a significant minor element (in concentrations of up to 10 weight percent) in the pyrite. The zoned ***cobaltian pyrite*** (pyr) is hosted by ***chalcopyrite*** (*ccp*).

Figure 4 (B).
Backscattered electron (BSE) image from the electron microprobe illustrating the paragenetic relationship between ***carrollite*** (*carr*) and ***chalcopyrite*** (*ccp*). The carrolite is typically enclosed or overgrown by later chalcopyrite. The ***carrolite*** [$Cu(Co,Ni)_2S_4$] in the **Merico-Ethel vein samples is very** enriched in **cobalt** (Co>>Ni; up to 45 weight percent Co); a compositional characteristic that is consistent with the cogenetic occurrence of ***cobaltian pyrite***.

- Like the cobaltian pyrite, the copper-cobalt sulphide mineral (carrollite) is typically overgrown by, or included in, the more abundant chalcopyrite in the Merico-Ethel vein samples. This petrographic observation indicates that the main mineralization stage at Merico-Ethel can be subdivided into a slightly earlier and less voluminous ***Fe-Co-Cu sulphide substage*** followed by a later predominant ***Cu-Fe sulphide substage***. It is noteworthy that an almost identical paragenetic relationship amongst copper- and cobalt-bearing sulphide minerals has been documented from a number of the so-called ***"Iron Oxide-Cu-Au deposits"*** such as the Olympic Dam deposit in South Australia and the Boss-Bixby deposit in Missouri (*cf.* Roberts & Hudson, 1983; Hagni & Brandom, 1990), wherein an earlier cobalt-rich pyrite + carrollite mineralization assemblage is typically followed (replaced) by a later, more extensive chalcopyrite (± bornite) stage of mineralization. Such a comparison, whilst in no way indicating the potential size of the zone of mineralization at Merico-Ethel, certainly suggests that a similar hydrothermal ore depositional system operated in the copper-rich vein system on the property.

- Experimental studies of the phase relations in the Cu-Co-S system (Craig et al., 1979) support the **association of chalcopyrite, carrollite, and cobaltian pyrite in natural assemblages** such as the Merico-Ethel veins. In the relevant experimental phase diagram a cobalt content of ~12 weight percent would be expected in the cobaltian pyrite associated with carrollite and chalcopyrite (op. cit.), and evidently the Merico-Ethel pyrite records such high levels of cobalt substitution in pyrite (see EMP data in Table 1). **The presence of carrollite in the Merico-Ethel samples is consistent with the deposition of Cu-Co mineralization in the veins having occurred under relatively oxidizing conditions**. The carrollite (-linnaeite) group of minerals occurs in a variety of geological settings, including: "epithermal" vein deposits (op. cit.); the economically important, sediment-hosted, stratiform copper ores of Zambia and Zaire (*cf.* Brown, 1993); and the giant polymetallic Olympic Dam deposit (Roberts & Hudson, 1983).

- Whilst establishing the **cobalt-enriched nature of the copper (±gold?) vein mineralization** in the Merico-Ethel samples, the co-existence of ***cobaltian pyrite*** and ***carrollite*** with ***chalcopyrite*** also serves to distinguish the **sulphur-rich, arsenic-poor nature of the copper (±gold?) ore at Merico-Ethel**. Most sediment- and volcanic-hosted gold deposits (notably those of Archean age) have anomalous enrichment of arsenic in pyrite (averaging 4-8 wt.%; Fleet et al., 1988) and also contain minerals such as arsenopyrite (FeAsS), native As, realgar (AsS), and orpiment (As_2S_3).

- No **native gold** has been detected in the hand specimens examined in this study, which is not unexpected given the small number and size of the samples, and also the widely varying grades of gold reported from the property (0.1 to *circa* 22 g/tonne Au).

- **Hematite** (Fe_2O_3) and other possible iron oxides (*e.g.* goethite) occur in several of the Merico-Ethel hand specimens and are particularly common in sample #16353 (Fig. 3). The presence of hematite, intergrown with late-stage calcite gangue, is consistent with Cu-Co vein mineralization having occurred under relatively oxidizing conditions.

- The ***gangue mineralogy*** of the Merico-Ethel samples is dominated by **calcite** ($CaCO_3$); with significantly lesser, but important, amounts of the amphibole, **actinolite** $Ca_2(Mg,Fe)_5Si_8O_{22}(OH)_2$; and the sorosilicate mineral **epidote** $Ca_2(Al,Fe)_3(Si_3O_{12})(OH)$. Some quartz is also present. Representative Electron Micro-Probe analyses of actinolite, epidote, and calcite from Merico-Ethel are presented in Tables 2, 3, and 4 respectively of this *Report*. The silicate gangue minerals (actinolite, epidote, quartz: combined content generally less than 5 volume% of veins) typically precede the deposition of the main Cu-Fe-Co sulphide minerals, whereas the bulk of the calcite (20-60 volume% of the veins) post-dates sulphide mineralization.

- Comparison of the chemistry of the gangue from the Merico-Ethel vein samples (EMP data in Tables 2, 3, and 4), with the gangue from the Brett high-grade gold discovery boulder (EMP data in Tables 2, 3, and 4) and gangue from Cobalt area silver-cobalt veins (*cf.* Jambor, 1971) **clearly evidences the overall similarity of the gangue mineralogy of the various hydrothermal vein systems** responsible for mineralization in the three localities. For example, Figures 5 and 6 are ternary plots that illustrate the major oxide compositions of amphibole and epidote respectively. In Figure 5, the amphiboles from all three mineralized settings plot in close proximity to one another along the line representing **Fe⇔Mg substitution in actinolite**; and in Figure 6, the **epidotes** from the three vein systems cluster together. In addition, the late-stage carbonates from all three localities are **relatively pure varieties of calcite** (with >98 mole% calcite) that carry only very minor amounts (<0.5 weight%) of otherwise relatively common substituents such as Fe, Mn, and Mg (note: the carbonates from Archean vein-type gold deposits typically are Fe- and/or Mg-rich varieties such as ankerite and/or ferroan dolomite (*cf.* Macdonald, 1986; Colvine, 1988).

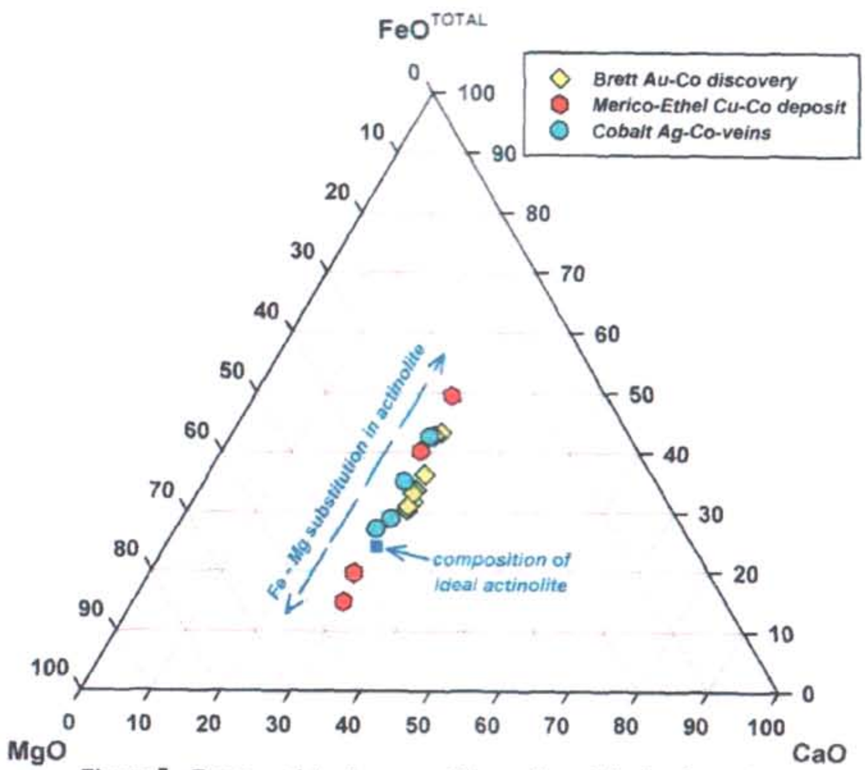


Figure 5. Ternary plot of compositions of amphiboles from the Brett Au-Co discovery, the Merico-Ethel Cu-Co deposit, and Ag-Co veins in the Cobalt area.

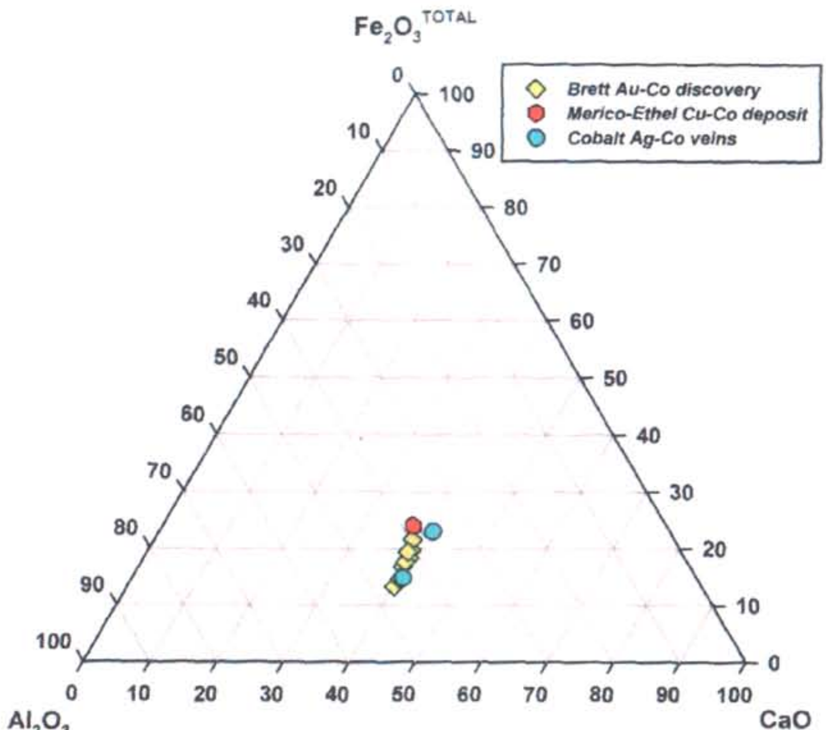


Figure 6. Ternary plot of compositions of epidotes from the Brett Au-Co discovery, the Merico-Ethel Cu-Co deposit, and Ag-Co veins in the Cobalt area.

- The hand specimens of copper-mineralized calcite vein material from the Merico-Ethel Property exhibit a **considerable variation in structure and texture**, with samples showing evidence of both ductile and brittle deformation at the hand specimen scale (Fig. 2). The local host rock, the Nipissing Diabase, exhibits some evidence of hydrothermal alteration in the form of the occurrence of **the secondary minerals calcite, sericite, chlorite, and rutile**: all of which are quite typical of Proterozoic vein systems (emplaced in or near diabase) in the Cobalt Embayment (*cf.* Jambor, 1971).

EPILOGUE

Historically the largely undeformed, discordant, precious- and base-metal mineralized, vein systems (most likely of Proterozoic age) scattered throughout the Cobalt Embayment (Fig. 1) have been viewed as **isolated and essentially disparate groups of mineral deposits** (*e.g.* the Cobalt camp, the Gowganda camp; for example see the papers in Berry, 1971) whose origin/s have generally been related to **local litho-structural features or intrusive events**. Clearly it would be a simple matter to view the copper-cobalt (±gold) mineralization on the Merico-Ethel Property near Elk Lake in these same terms.

However, contrary to the omnipresent historical perspective, the author considers that there is a growing body of evidence (*cf.* Taylor, 2004; Taylor & Campbell, 2004) to support the hypothesis that most of the currently identified Proterozoic precious- and base-metal vein systems (*e.g.* Merico-Ethel) are **petrogenetically interrelated and formed as part of a very large-scale (circa 60,000 km^2), regional hydrothermal fluid event confined to the Proterozoic cover sequence – Archean basement rocks within the Cobalt Embayment**: a hydrothermal mineralizing event in which: (i) Regional fluid flow of oxidized basinal brines, driven by both sedimentary loading and the tectono-magmatic event that produced the Nipissing Diabase, were **focused around the sub-Huronian unconformity**; and (ii) Precious- and base-metal ore deposition was related to the interaction of basinal brines with both fluid and solid components of the Archean basement made accessible by fault reactivation and the displacement of the sub-Huronian unconformity.

In the broadest sense, the metallogeny of the Proterozoic precious (Au, Ag)- and base (Cu, Co, Ni)-metal deposits in the Cobalt Embayment, hosted by the sedimentary cover-Archean basement sequence, should therefore be viewed in terms of a **unifying genetic model - a genetic model that draws attention to the potential of the regionally extensive sub-Huronian unconformity, together with the immediately underlying (Archean) and overlying (Proterozoic) rocks to:**

(a) **Focus fluid flow** in a geological setting that juxtaposes (over very large areas) two distinctly different lithogeochemical (sedimentary *versus* volcanic) and fluid source reservoirs (oxidized *versus* reduced);

(b) **Host major faults and related zones of enhanced permeability** (breccias, conglomerates) that have undergone periods of reactivation during which were created conditions ideal for the mixing of the different fluid systems and as a consequence for precious- and base-metal ore deposition; and

(c) **Create geological settings suitable for the deposition of very large zones of polymetallic precious- and base-metal mineralization on a scale hitherto unimagined for the Cobalt Embayment.**

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Table 1. Representative Electron Micro-Probe (EMP) Analyses of Pyrite, Cobaltite, and Carrollite *sensu lato* from Copper-Rich Vein Samples, Merico-Ethel Property

All concentrations are reported in weight percent (wt.%)

Anal. No.	B-A-1	B-A-2	B-A-3	B-A-4	B-A-5	B-B-1
Mineral	*pyrite*	*pyrite*	*pyrite*	*pyrite*	*pyrite*	*carrollite*
Fe	45.21	40.60	45.79	42.64	43.51	1.13
Co	2.06	5.90	1.37	5.14	4.11	45.37
Ni	0.29	0.00	0.06	0.00	0.00	2.66
Mn	0.02	0.00	0.00	0.00	0.01	0.01
Ag	0.02	0.00	0.00	0.00	0.00	0.04
Cu	0.03	0.16	0.09	0.20	0.02	9.90
As	0.00	0.26	0.00	0.13	0.27	0.01
S	53.19	52.56	53.72	53.29	53.61	41.37
Total	100.82	99.48	101.03	101.40	101.53	100.49
Anal. No.	B-B-2	B-B-3	B-B-4	B-B-5	B-B-6	B-C-1
Mineral	*carrollite*	*pyrite*	*pyrite*	*pyrite*	*cobaltite*	*carrollite*
Fe	1.53	42.10	42.36	38.07	2.09	0.81
Co	44.84	5.29	6.19	9.10	34.18	44.58
Ni	3.56	0.02	0.00	0.00	0.85	2.10
Mn	0.00	0.00	0.02	0.00	0.00	0.00
Ag	0.03	0.00	0.00	0.01	0.02	0.01
Cu	8.59	0.53	0.13	0.14	1.29	10.78
As	0.00	0.72	0.67	0.47	38.37	0.02
S	41.62	52.56	53.73	53.06	24.09	41.65
Total	100.17	101.22	103.10	100.85	100.89	99.95
Anal. No.	B-C-2	B-C-3	B-C-4	53-C-1	53-B-1	53-B-2
Mineral	*pyrite*	*pyrite*	*pyrite*	*pyrite*	*pyrite*	*pyrite*
Fe	36.57	44.59	42.31	46.89	44.78	43.53
Co	10.64	2.37	4.52	0.03	2.87	2.86
Ni	0.00	0.36	0.00	0.33	0.04	0.02
Mn	0.00	0.01	0.01	0.00	0.00	0.01
Ag	0.00	0.01	0.01	0.00	0.00	0.05
Cu	0.10	0.04	0.16	0.10	0.30	0.20
As	0.03	0.06	0.15	0.02	0.18	0.09
S	53.02	52.80	53.15	51.83	53.38	53.41
Total	100.36	100.24	100.31	99.20	101.55	100.17

Table 2. Representative Electron Micro-Probe (EMP) Analyses of Amphibole from Copper-Rich Vein Samples, Merico-Ethel Property (ME) and the High-Grade Gold Discovery Boulder at the Brett Property (BrP)

All concentrations reported in weight percent (wt.%)

Anal. No.	B-B-1	A-B-3	A-B-4	R1#2-1	R1#3-1	R1#6-1
Location	(ME)	(ME)	(ME)	(BrP)	(BrP)	(BrP)
Mineral	*actinolite*	*actinolite*	*actinolite*	*actinolite*	*actinolite*	*actinolite*
SiO_2	52.57	57.43	51.88	54.59	55.83	52.61
Al_2O_3	0.24	0.54	0.48	0.85	0.94	2.82
TiO_2	0.02	0.16	0.01	0.00	0.01	0.07
Cr_2O_3	0.00	0.04	0.02	0.00	0.03	0.01
FeO^{TOTAL}	20.96	5.68	16.15	13.85	12.23	14.87
MnO	1.12	0.04	0.44	0.14	0.33	0.28
MgO	9.41	20.87	12.61	14.56	15.46	13.40
CaO	11.93	11.40	11.38	12.76	12.69	12.68
Na_2O	0.16	0.54	0.22	0.05	0.13	0.32
K_2O	0.00	0.07	0.00	0.01	0.02	0.03
F	0.03	0.09	0.00	0.03	0.01	0.03
Cl	0.00	0.00	0.00	0.00	0.00	0.02
Total	96.43	96.82	93.19	96.83	97.68	97.13

Anal. No.	R1#7-1	R2#2-2	R2#3-1	R2#4-1	R2#4-2	R2#5-1
Location	(BrP)	(BrP)	(BrP)	(BrP)	(BrP)	(BrP)
Mineral	*actinolite*	*actinolite*	*actinolite*	*actinolite*	*actinolite*	*actinolite*
SiO_2	56.08	55.43	50.06	54.46	55.46	55.55
Al_2O_3	0.43	0.48	4.97	0.65	0.59	0.48
TiO_2	0.01	0.03	0.07	0.00	0.00	0.00
Cr_2O_3	0.02	0.00	0.00	0.00	0.00	0.00
FeO^{TOTAL}	13.26	13.29	17.98	18.54	13.82	12.83
MnO	0.13	0.12	0.34	0.27	0.09	0.13
MgO	15.30	15.35	11.15	12.20	14.99	15.69
CaO	13.17	13.24	12.41	12.62	12.85	12.96
Na_2O	0.05	0.02	0.64	0.07	0.08	0.06
K_2O	0.01	0.01	0.06	0.04	0.01	0.01
F	0.03	0.00	0.03	0.07	0.08	0.02
Cl	0.00	0.00	0.01	0.01	0.00	0.01
Total	98.48	97.97	97.71	98.90	97.94	97.73

Table 3. Representative Electron Micro-Probe (EMP) Analyses of Epidote from Copper-Rich Vein Samples, Merico-Ethel Property (ME) and the High-Grade Gold Discovery Boulder at the Brett Property (BrP)

All concentrations reported in weight percent (wt.%)

Anal. No.	A-A-1	R1#5-1	R1#9-1	R1#9-2	R2#4-3	R2#4-4
Location	(ME)	(BrP)	(BrP)	(BrP)	(BrP)	(BrP)
Mineral	*epidote*	*epidote*	*epidote*	*epidote*	*epidote*	*epidote*
SiO_2	38.38	38.36	38.38	38.94	38.20	38.80
Al_2O_3	23.30	24.56	23.82	26.13	24.68	26.97
TiO_2	0.07	0.08	0.00	0.09	0.05	0.07
Cr_2O_3	0.47	0.03	0.00	0.00	0.01	0.00
$Fe_2O_3^{TOTAL}$	14.52	11.88	12.93	10.06	11.50	8.75
MnO	0.12	0.11	0.05	0.06	0.06	0.00
MgO	0.00	0.01	0.00	0.01	0.00	0.00
CaO	22.98	23.92	23.41	23.93	23.44	24.25
Na_2O	0.01	0.01	0.00	0.02	0.00	0.00
K_2O	0.00	0.00	0.00	0.01	0.00	0.00
Cl	0.00	0.01	0.01	0.00	0.00	0.00
F	0.00	0.07	0.01	0.01	0.02	0.00
Total	99.85	99.04	98.61	99.26	97.96	98.84

Table 4. Representative Electron Micro-Probe (EMP) Analyses of Calcite from Copper-Rich Vein Samples, Merico-Ethel Property (ME) and the High-Grade Gold Discovery Boulder at the Brett Property (BrP)

All concentrations are reported in weight percent (wt.%)

Anal. No.	53-1	53-2	53-3	53-4	B-C1-1	B-C1-2
Location	(ME)	(ME)	(ME)	(ME)	(ME)	(ME)
Mineral	*calcte*	*calcite*	*calcite*	*calcite*	*calcite*	*calcite*
CaO	54.27	56.00	56.88	58.02	55.46	55.74
FeO^{TOTAL}	0.78	0.37	0.23	0.08	0.54	0.17
MnO	0.69	0.73	0.54	0.40	0.38	0.28
MgO	0.09	0.09	0.02	0.00	0.16	0.01
SrO	0.00	0.00	0.01	0.00	0.01	0.00
BaO	0.00	0.00	0.01	0.02	0.05	0.00
SiO_2	0.09	0.09	0.00	0.01	0.00	0.00
Total	55.92	57.28	57.69	58.53	56.60	56.20

Anal. No.	B-C2-1	R1#2	R1#3	R1#4	R1#5	R1#9
Location	(ME)	(BrP)	(BrP)	(BrP)	(BrP)	(BrP)
Mineral	*calcte*	*calcite*	*calcite*	*calcite*	*calcite*	*calcite*
CaO	57.21	56.02	57.94	56.94	57.97	58.54
FeO^{TOTAL}	0.19	0.22	0.05	0.11	0.05	0.15
MnO	0.29	0.02	0.04	0.05	0.05	0.13
MgO	0.02	0.00	0.00	0.01	0.02	0.01
SrO	0.00	0.03	0.02	0.02	0.02	0.00
BaO	0.00	0.01	0.02	0.00	0.05	0.02
SiO_2	0.00	0.06	0.01	0.00	0.01	0.00
Total	57.71	56.36	58.08	57.13	58.17	58.85

Anal. No.	R1#9A	R1#9B	R2#2	R2#2A	R2#3	R2#3A
Location	(BrP)	(BrP)	(BrP)	(BrP)	(BrP)	(BrP)
Mineral	*calcite*	*calcite*	*calcite*	*calcite*	*calcite*	*calcite*
CaO	56.49	58.30	56.76	57.62	56.99	57.39
FeO^{TOTAL}	0.18	0.11	0.10	0.08	0.11	0.06
MnO	0.13	0.13	0.18	0.13	0.13	0.12
MgO	0.02	0.01	0.00	0.02	0.00	0.00
SrO	0.01	0.00	0.01	0.00	0.00	0.01
BaO	0.03	0.02	0.01	0.00	0.00	0.00
SiO_2	0.00	0.01	0.00	0.00	0.00	0.00
Total	56.86	58.58	57.06	57.85	57.23	57.58

APPENDIX IX

Report on the Petrography of the Merico-Ethel, Sauvé Occurrence and Merico Vein System Samples
2005
by Eric Potter

Petrography of the Merico-Ethel, Sauve Occurrence and Merico Vein System Samples

By

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July 11th, 2005

Executive Summary

The Merico-Ethel samples NP 001 – 004 are potentially genetically-related, fine-grained (aplitic) felsic rocks dominated by albite, with minor quartz and accessory zircon and titanite. Secondary calcite veins cross-cut the groundmass and act as 'feeders' to large grains set in the groundmass. All of the samples have unusually high concentrations of zircon and titanite. The samples are not representative of typical altered Nipissing Diabase and may have either metasomatic or igneous origins (*e.g.* carbonatized albitite or derivative of the Round Lake batholith).

NP 003: native silver was positively identified in the large calcite vein. The host rock is similar in composition and texture to the other felsic aplitic rocks (NP 001-004), with more chlorite alteration and secondary calcite veinlets. None of the smaller calcite veinlets hosted in the felsic rock contain any native silver.

NP 004: the black alteration spots on sample are the result of chlorite replacement of albite. The chlorite is an intermediate composition between the clinochlore and chamosite end-members.

The Sauve Occurrence (SV)
SV-1 is a medium-grained hypersthene variety of Nipissing diabase. The minor alteration is limited to sericitization and saussuritization of the feldspar laths and alteration of pyroxene to fine-grained amphiboles (uralite); which is typical of Nipissing diabase. Accessory phases include: magnetite, ilmenite, titanite and pyrite.

SV-2: the non-diabase sample is characterized by boudinaged and brecciated calcite veins set in an intergrown mosaic of altered albite and chlorite. Thorough investigation of one thin section did not reveal any copper or uranium mineralization. Subsequent sectioning and petrographic examination may reveal additional mineralization. Accessory phases include: rutile, zircon, hematite, pyrite and apatite. The red coloration is likely caused by the presence of abundant fine-grained rutile and hematite.

BR-3: is a fine-grained, feldspathic quartzite (arkose) characterized by rounded grains of pyrite. The anhedral pyrite grains replace the "matrix" of fine-grained chlorite and muscovite. Aside from the abundance of pyrite, the sample does not contain any significant alteration compared to examples of basal arkose from the Lorrain Formation cited in the literature.

The Merico Vein System (MVS)
MVS-1: the host material of the vein system is a medium-grained hypersthene variety of Nipissing diabase with altered pyroxene phenocrysts set in an altered plagioclase groundmass.

MVS-2: specular hematite in rosette habit is set in a quartz + calcite groundmass. Anhedral grains of chalcopyrite are set in quartz.

MVS-3: the mineralization is characterized by subhedral-to-euhedral chalcopyrite grains set in calcite and quartz. Chalcopyrite has partially altered to malachite, resulting in the bright-green coloration. The red phase was identified as intergrown quartz and acicular- to fine-grained hematite.

NP-001

The sample is a fine-grained (aplitic) felsic rock characterized by the presence of secondary calcite in the groundmass and in cross-cutting veins. Major phases include: albite (55%), calcite (30-40%), with minor quartz, titanite and zircon (combined 5%). Albite is predominantly subhedral in form with occasional spherulites (fig.1). The groundmass calcite also has curved twin lamellae indicative of deformation. Textural relations indicate that the calcite veins act as 'feeders' to larger grains in the groundmass and calcite is replacing feldspar and quartz. Abundant zircon and titanite are accessory minerals. The sample is not representative of typical altered Nipissing Diabase and may represent either a metasomatic rock or derivative of the Round Lake batholith.

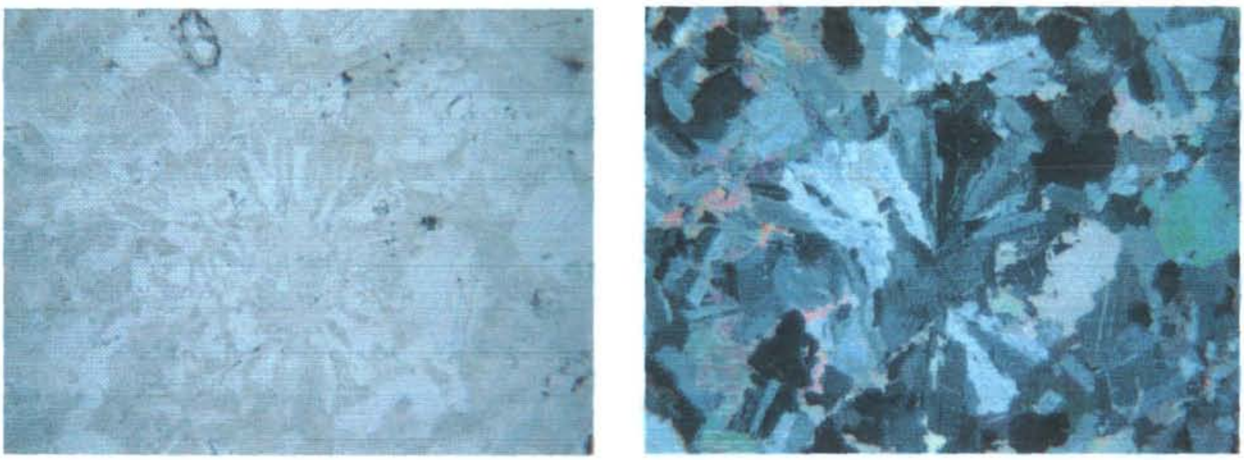


Figure 1. Photomicrograph of albite spherulite in plane-polarized light (left) and cross-polarized light on right. The presence of calcite is illustrated in the image on the right, by its high interference colors and twin lamellae. The field of view in both images is 2.5 mm.

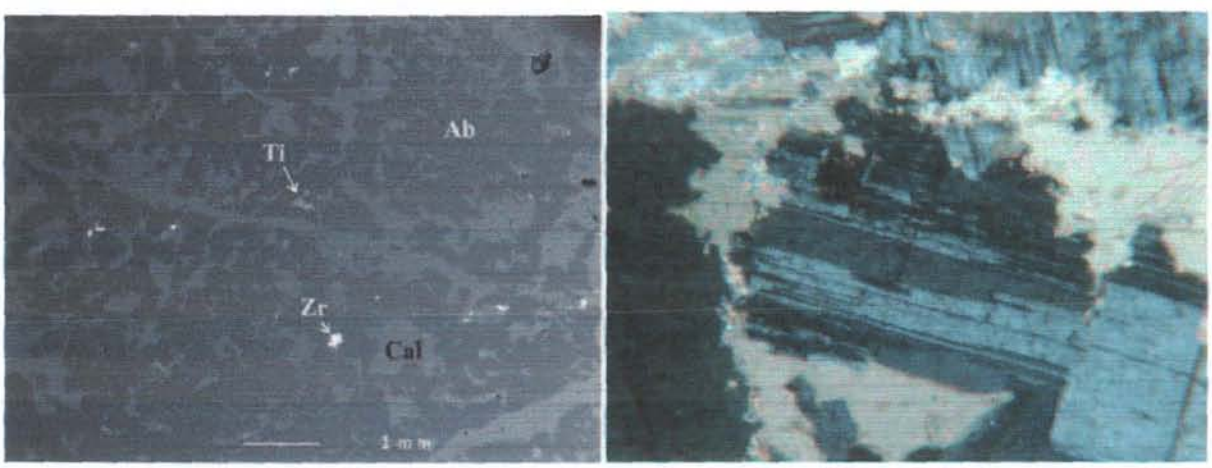


Figure 2. **Left:** Back-scattered electron (BSE)-image of albite (Ab) cross-cut by calcite veinlet (Cal). Zircon (Zr) and titanite (Ti) are the bright accessory phases. Right: cross-polarized photomicrograph of calcite replacing albite and quartz. The field of view is 1.25 mm.

NP-002

Np-002 is a fine-grained felsic (aplitic) rock consisting of 50% anhedral quartz and 45-50% subhedral albite, with minor chlorite and muscovite. The subhedral laths of albite are partially altered by fine-grained chlorite, giving them a distinct coloration in the image below (fig.4). Trace calcite occurs interstitially in the groundmass, preferentially associated with chlorite. The anhedral quartz is bleb-like and often poikilitically encloses feldspar grains. Trace amounts of rutile and titanite were observed. The sample is not representative of altered Nipissing Diabase.

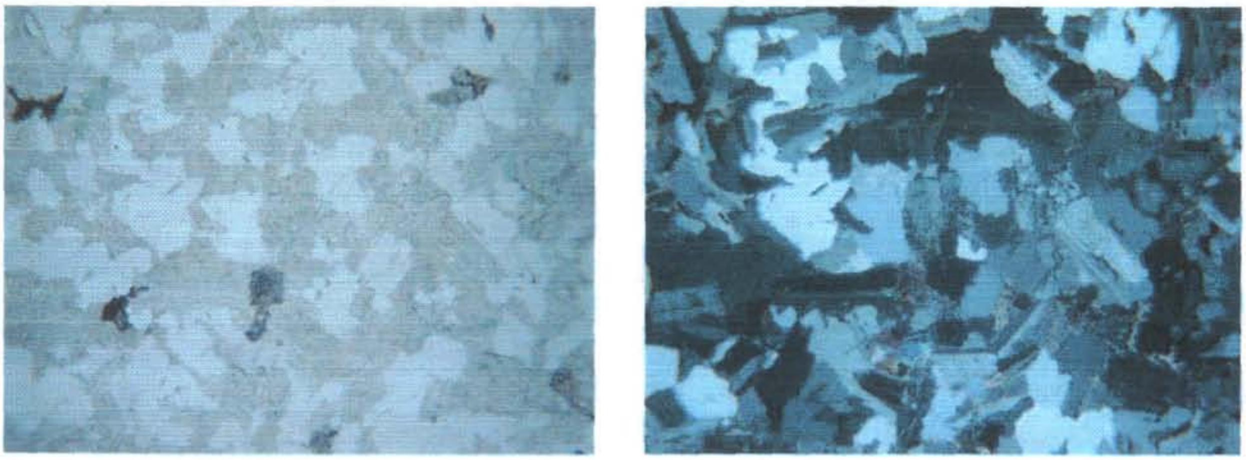


Figure 3: Photomicrographs of subeuhedral, altered albite laths and anhedral quartz characteristic of NP-002. A large grain of titanite is in the center of the image and chlorite is present in the upper-right hand corner (green in PPL, anomalous blues in XP). In cross-polarized light, the minor interstitial calcite becomes perceptible. The field of view is 2.5 mm in both images.

NP-003

Anhedral grains of native silver were positively identified in the large calcite vein, utilizing the SEM-EDS system at Carleton University (fig. 4). To the detection limit of the EDS system, no contaminates were detected in the silver (fig. 5). Trace amounts of chalcopyrite with inclusions of cobaltite and native silver were also noted within the calcite vein. One grain of galena was observed. The host rock is similar to NP-002 except that it contains more chlorite and is cross-cut by calcite veinlets (fig. 5). Subhedral albite laths form up to 55 modal percent of the sample and are marked by fine-grained chlorite alteration. Anhedral quartz comprises 35% of the sample, while associated chlorite and chalcopyrite each form 5 modal percent. Accessory rutile, zircon and titanite compose the remaining modal percentage of the sample. No grains of native silver were observed within the host material or in the cross-cutting calcite veinlets.

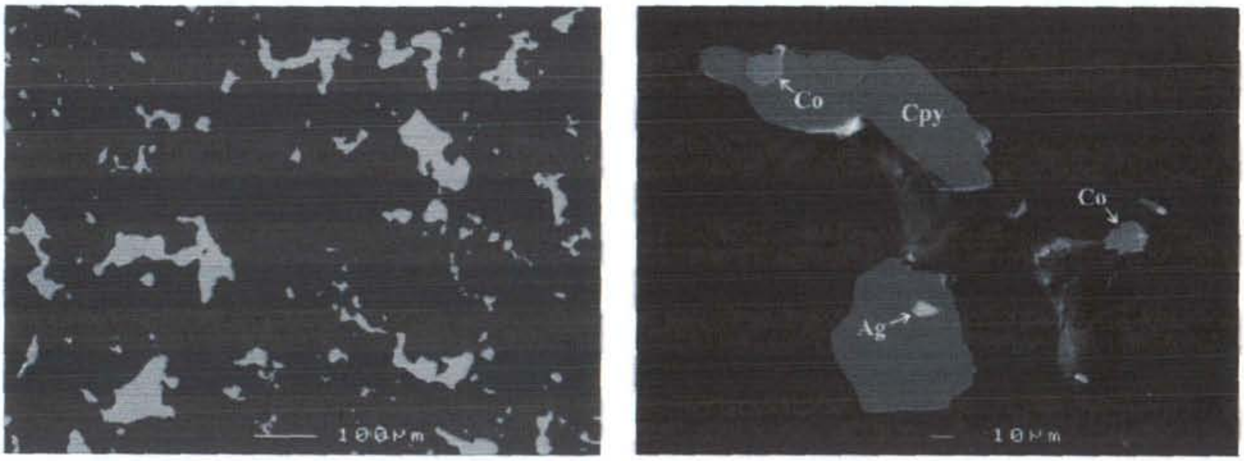


Figure 4. Left: BSE-image of anhedral grains of native silver set in a calcite vein. **Right**: BSE-image of chalcopyrite grains containing inclusions of cobaltite (Co) and native silver (Ag).

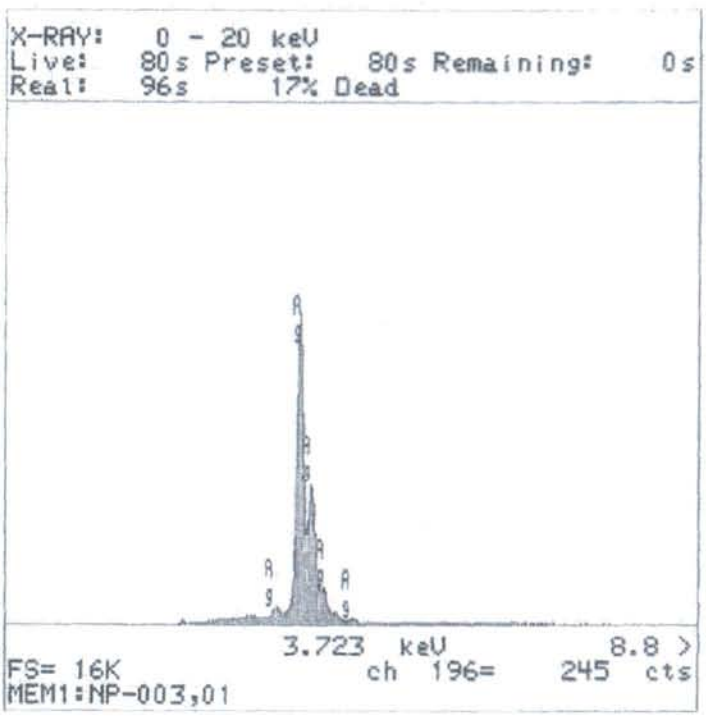


Figure 5: Energy dispersive spectrum (EDS) of the native silver hosted in the large calcite vein.

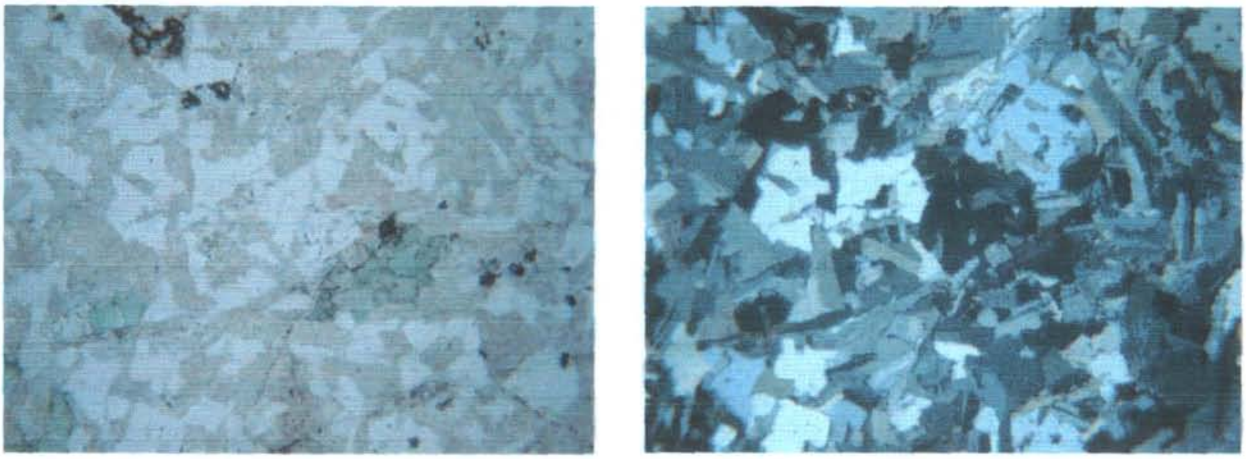


Figure 5: Photomicrographs of NP-003, illustrating the subhedral albite, anhedral quartz, and minor chlorite. The field of view in both images is 2.5 mm.

NP-004

The black spots in sample are caused by chlorite alteration and replacement of albite, often in complex intergrowth patterns with quartz (relict granophyric texture). The sample is similar in texture and composition to NP-002, with the same anhedral quartz, poikilitic feldspar and minor amounts of interstitial calcite. The composition of the alteration chlorite is intermediate between clinochlore and chamosite end-members $(Mg_5Al)(AlSi_3)O_{10}(OH)_8 - (Fe_5Al)(AlSi_3)O_{10}(OH)_8$ (See fig. 8). Accessory phases include: atoll-textured magnetite, zircon, rutile, chalcopyrite, and titanite; the majority of which are hosted in the interstitial calcite.

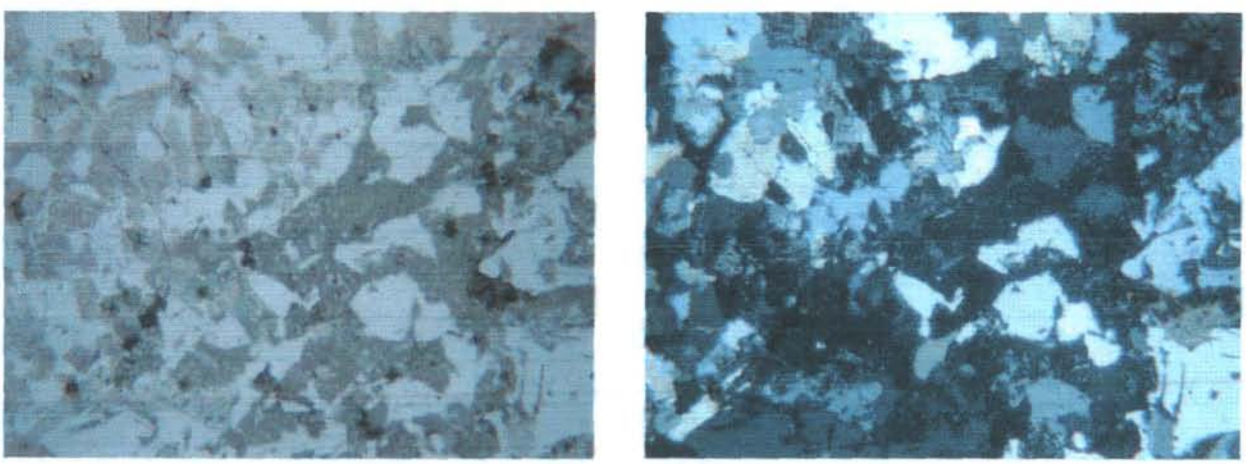


Figure 6: Photomicrographs of chlorite alteration (replacement) in NP-004. Chlorite alteration increases from left to right in the images. The field of view in both images is 2.5 mm.

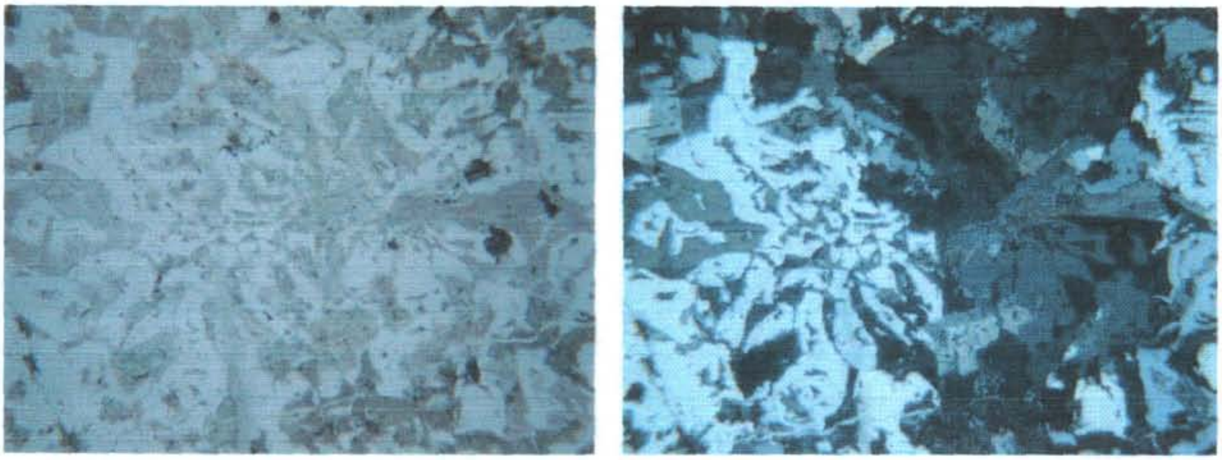


Figure 7: Photomicrographs of relict granophyric texture in NP-004, with chlorite alteration increasing from left to right in both images. The field of view in both images is 2.5 mm.

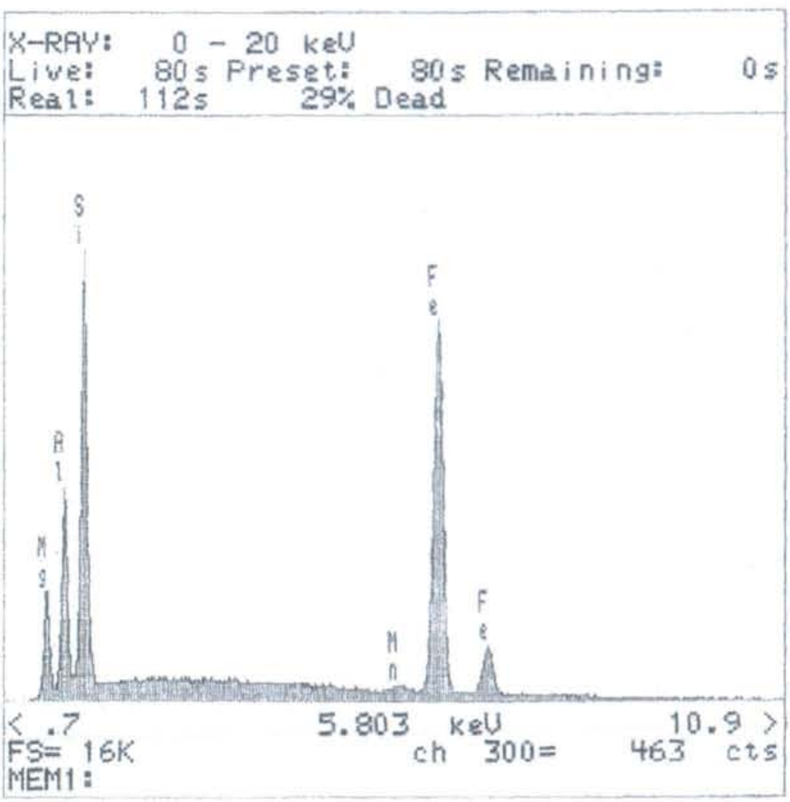


Figure 8: EDS of chlorite that is pseudomorphic after albite in NP-004. The composition is indicative of an intermediate composition between clinochlore and chamosite end-members $(Mg_5Al)(AlSi_3)O_{10}(OH)_8 - (Fe_5Al)(AlSi_3)O_{10}(OH)_8$.

SV-1

Sample SV-1 is a mildly altered, medium-grained Nipissing diabase of the hypersthene variety. Orthopyroxene and clinopyroxenes laths are set in a highly sericitized and saussuritized feldspar groundmass. The pyroxenes have been partially altered to uralite (fine-grained amphiboles) as well, in some cases creating a corona texture. While augite is the dominant clinopyroxene composition, minor grains of Ti-bearing augite were noted. In the groundmass, secondary chlorite and abundant hematite, pyrite, ilmenite and magnetite (1-2%) occur interstitial to the pyroxenes.

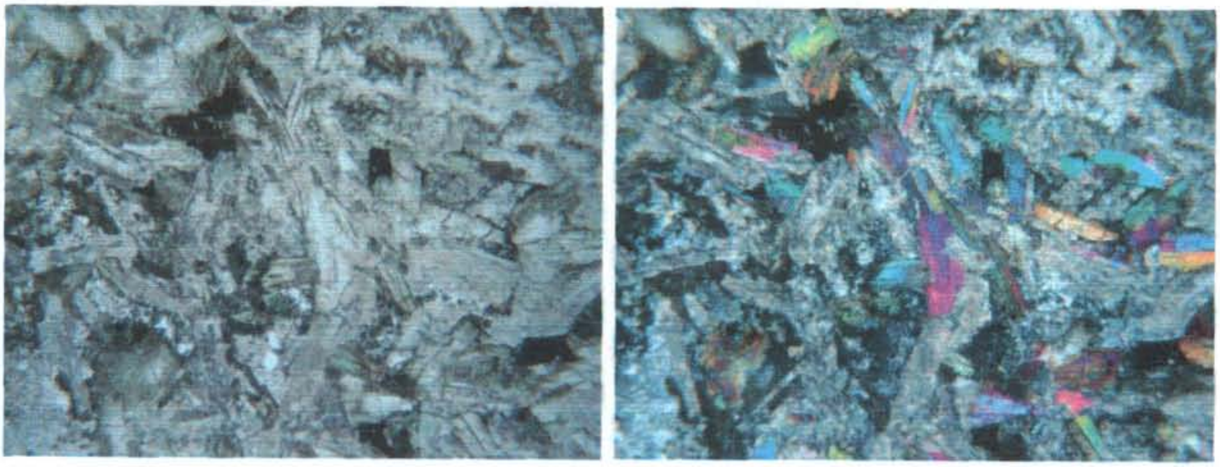


Figure 9: Representative photomicrographs of SV-1 illustrating the pyroxene laths set in an altered plagioclase groundmass. The interference colors are higher than normal due to a thick thin-section and the carbon-coating process necessary for SEM-EDS analysis. The field of view is 2.5 mm for both images.

SV-2

The sample is dominated by large calcite grains set in a mosaic of intergrown chlorite, calcite and altered plagioclase laths. The plagioclase laths have abundant fine-grained sericite and chlorite alteration. Outside the boudinaged and brecciated calcite vein, the sample is composed of 50% plagioclase, 25-30% chlorite, 15% calcite and 5% opaques and accessory phases. Further work on the SEM determined that the opaques were rutile, pyrite and hematite. The fine-grained rutile occurs interstitial to the plagioclase laths throughout the sample and constitutes roughly 2 modal percent. The most abundant accessory phases are apatite and zircon. Thorough petrographic examination of one thin section did not reveal any copper or uranium-bearing minerals. As a result, further sectioning and examination will be completed at a later date. The red-brown coloration is likely a result of the fine-grained rutile and hematite present.

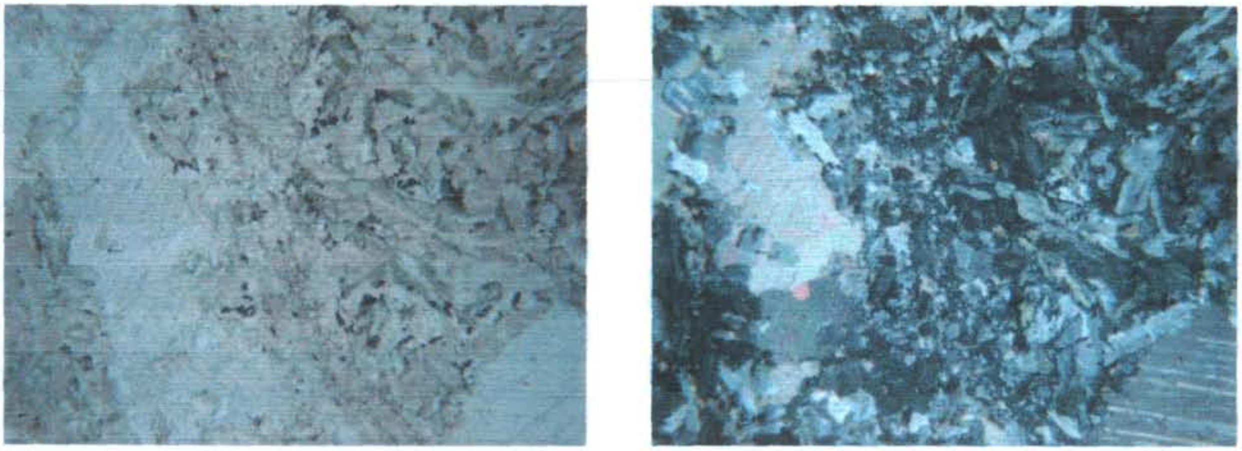


Figure 10: Photomicrographs of SV-2 illustrating the large calcite grains, chlorite and subhedral plagioclase laths. Accessory rutile and hematite rim the plagioclase laths and likely cause the red-brown coloration to the sample. The field of view in both images is 2.5 mm.

BR-3

Sample BR-3 is a fine-grained, feldspathic quartzite characterized by anhedral grains of pyrite 0.5 to 2mm in diameter, which replace the fine-grained matrix. When not replaced by pyrite, the matrix consists of a fine-grained assemblage of chlorite and muscovite, giving the rock a light-green coloration. The quartz and feldspar grains are sub-rounded to angular in nature, 0.1 to 0.5 mm in diameter and constitute 40-60 modal percent of the sample. These features identify the sample as an unaltered, fine-grained arkose of the basal member of the Lorrain Formation. As noted by Born (1989), most of the matrix represents "diagenetic alteration such as epimatrix and cement rather than the original protomatrix". Additional phases identified include both rounded and euhedral zircon, rutile and monazite-Ce. No copper-dominant minerals were observed and the pyrite did not contain any appreciable concentrations of copper (to the detection limit of the SED-EDS; fig. 12).

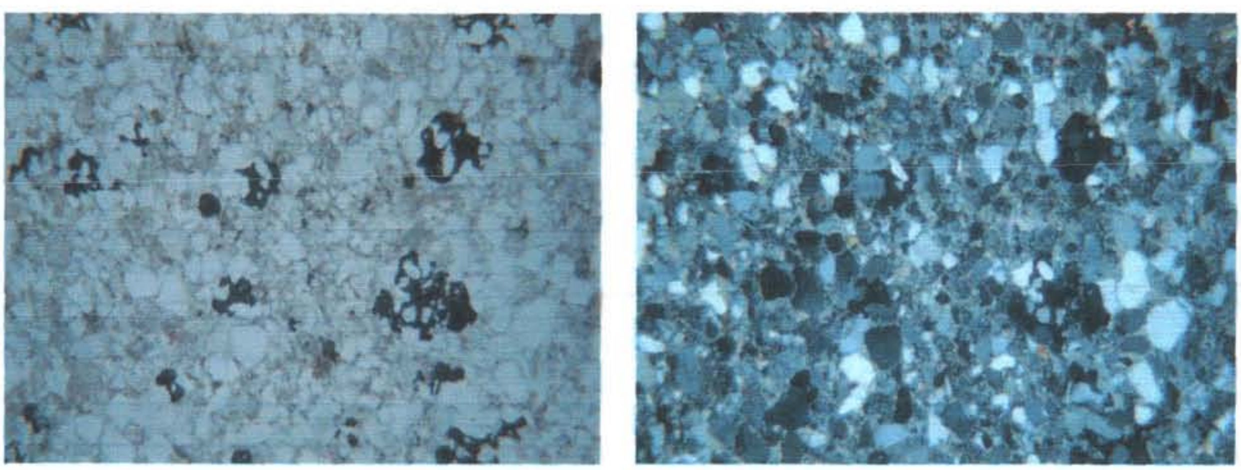


Figure 11: Photomicrographs of anhedral grains of pyrite replacing biotite matrix of the BR-3 sandstone. The field of view in both images is 2.5 mm.

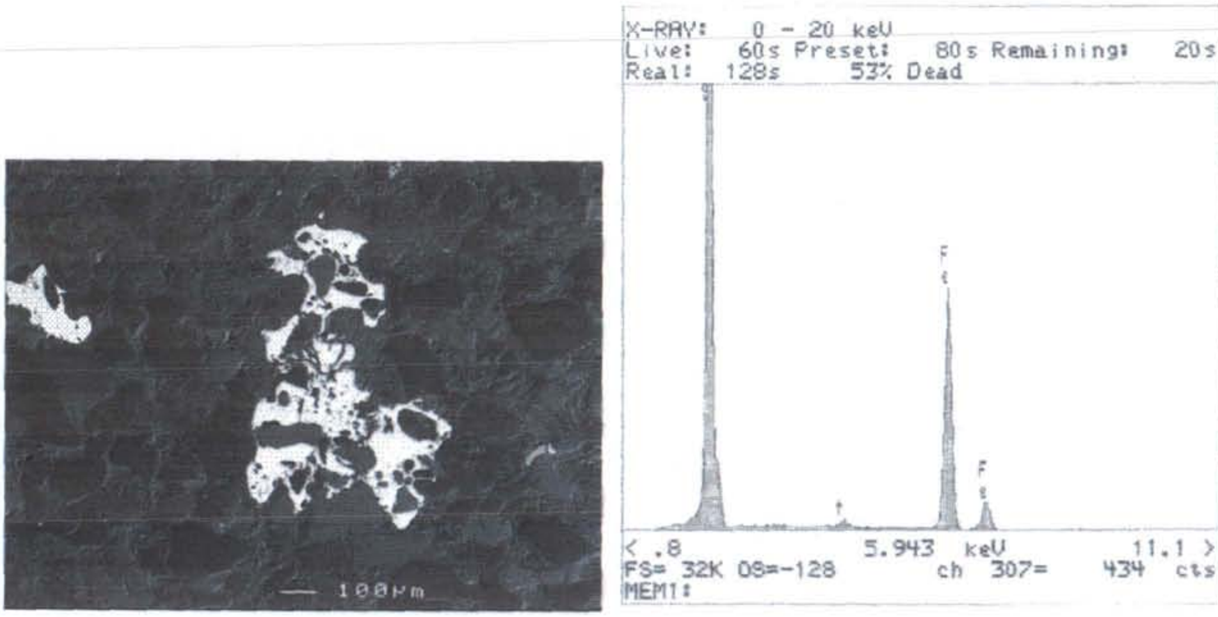


Figure 12. Left: BSE-image of an individual pyrite grain (bright) enveloping biotite, quartz and feldspar fragments. **Right:** EDS of pyrite from BR-3, illustrating the lack of substituting elements (the arrow indicates the Fe escape peak).

Merico Vein System

MVS-1

The host material to the vein is a medium to coarse-grained, altered Nipissing diabase of the hypersthene variety. Large, platy orthopyroxene phenocrysts (max. 3mm) and smaller clinopyroxene laths are set in an altered plagioclase (saussurite + sericite) groundmass. The pyroxenes have a corona of fine-grained amphibole alteration. As with all members of Nipissing diabase, minor interstitial, anhedral quartz and biotite are present as well.

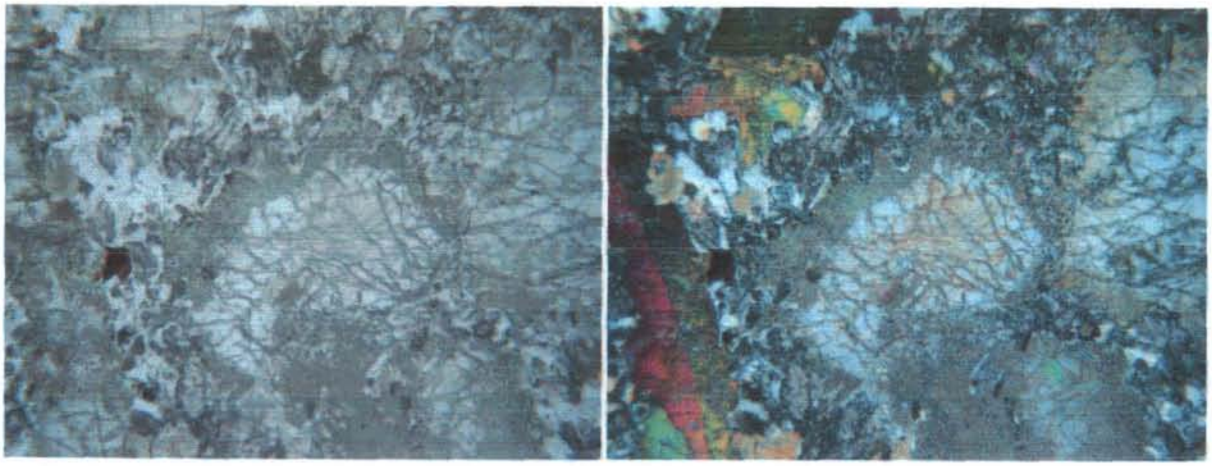


Figure 13: Photomicrographs of MVS-1, a medium to coarse-grained sample of hypersthene Nipissing diabase, with large clinopyroxenes dominating both images. The field of view in both images is 2.5 mm.

MVS-2 (Specular Hematite)

In addition to traditional polished thin sections, vein material was ground and grain mounts were prepared for analysis on the SEM. Both revealed that the specular hematite in rosette habit is set in a quartz and calcite groundmass. The hematite is 'pure' Fe_2O_3 to the detection limit of the EDS system and no mineral intergrowths were observed. The silica groundmass also contains anhedral, rounded grains of chalcopyrite which are preferentially associated with calcite.

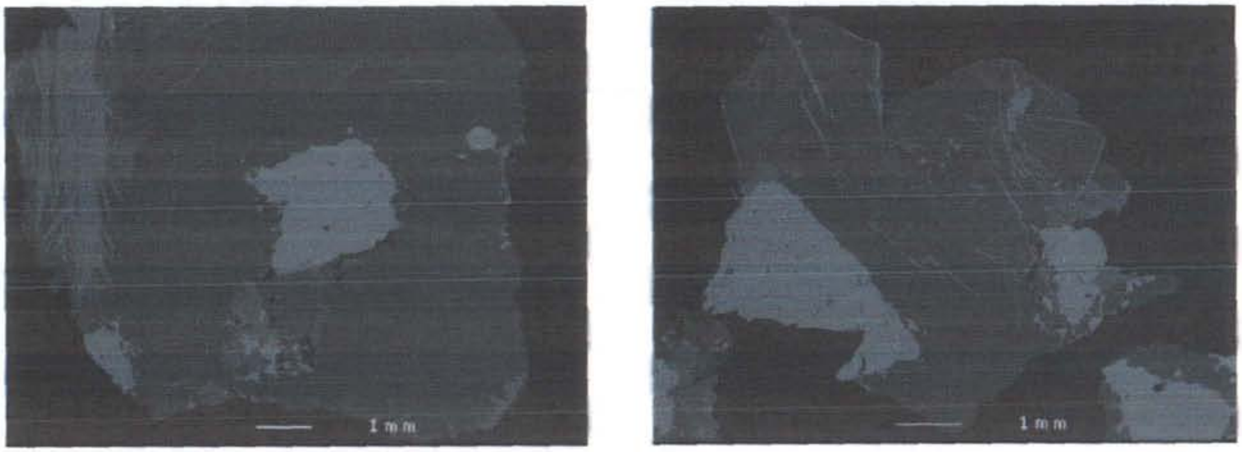
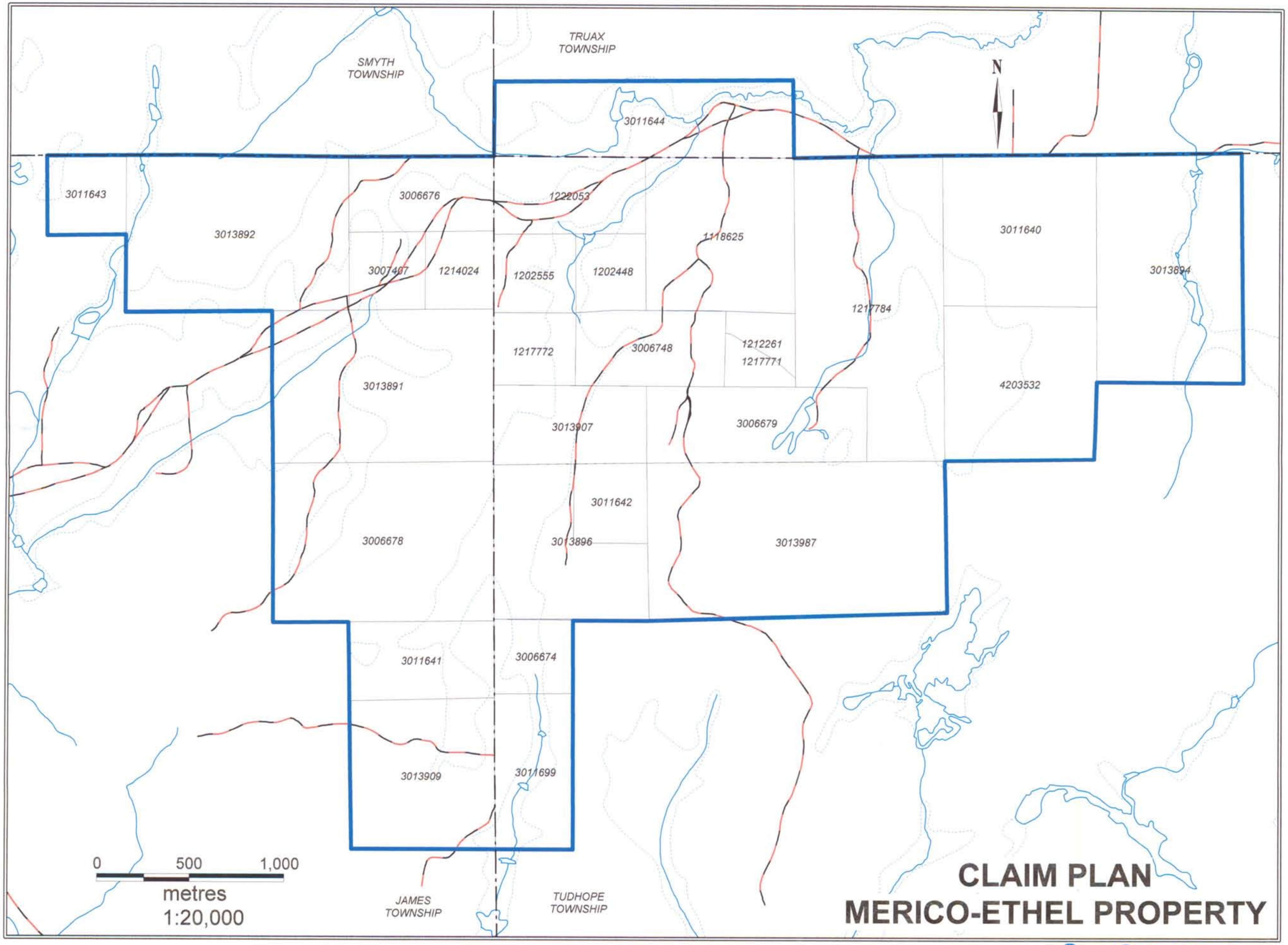


Figure 14. Left: BSE-image of chalcopyrite grain (center) set in silica groundmass. Plates of specular hematite are present in acicular habit on the extreme left. Just below the large chalcopyrite grain, calcite and smaller grains of chalcopyrite are present. **Right**: BSE-image of large chalcopyrite grains and acicular specular hematite are set in silica and calcite groundmass

MVS-3 (Calcite vein)

In addition to traditional polished thin sections, vein material was ground and representative samples were selected for grain mounts. The mineralization is dominated by sub-to-euhedral grains of chalcopyrite set in a calcite and silica groundmass. Weathering of the chalcopyrite has resulted in the formation of green malachite and minor hematite development along fractures. The red, fine-grained phase was identified as quartz intergrown with microscopic acicular- to fine-grained hematite (fig. 15).

Figure 15. Left: BSE-image of chalcopyrite grain weathering to malachite (top of grain, medium grey) and hematite along fractures (top right of grain); set in hematitized quartz. Calcite occurs in association with the chalcopyrite grains on the bottom of the image. **Right**: Photomicrograph of acicular and fine-grained hematite in quartz, causing a bright red coloration. The field of view is 2.5 mm.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