TECHNICAL REPORT ON THE ARIANE PROPERTY

According to Regulation 43-101 and form 43-101F1

Project Location

Province of Quebec, Canada
NTS Map Sheets 32G/06 & 32G/11

Prepared for

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MAIN ABBREVIATIONS

Km : kilometer

UTM : Universal Transverse Mercator

g/t : gramme per metric ton

˚C : degree celsius

Gy : 1000 Million years

NTS : National Topographic System

NAD : North American Datum

1. SUMMARY

The Ariane copper and gold property is located south-west of the town of Chapais in the province of Québec. In 2008 new claims (CDC) were added to the land package which now covers a total area of 60.4 km².

The Ariane property is located in the Caopatina segment of the Chibougamau-Matagami greenstone belt, within the Abitibi Subprovince. Rock units in this segment are dominantly composed of basalts of the Obatogamau Formation intruded by a series of mafic to felsic volcanic centers. The Caopatina segment is known for hosting the Joe Mann mine, main gold producer of the Chibougamau-Chapais mining district, but also smaller gold and base metals deposits. Several gold, copper, zinc and silver showings have been reported on the Ariane claims from past work in the area.

Exploration work on the Ariane property in 2008 consisted in ground geophysics (IP, infiniTEM) leading to the recognition of new anomalies, followed by lithogeochemical sampling during two reconnaissance exploration programs. The IP and infiniTEM surveys, conducted during the winter 2008, were located on two (2) cut grids positioned over copper and gold targets generated by CARDS. The exploration programs, conducted the following summer, had for objective reconnaissance mapping and sampling over the geophysical grids and over other areas of interest. The mapping and sampling over the property permitted the localisation and confirmation of historical showings on the properties; notably the Lac Pauline copper-gold zone (sample #876432: 0.88% Cu, 6.5 g/t Ag, 0.13 g/t Au) .

2. INTRODUCTION

At the request of MAXTECH VENTURES INC. (MAXTECH), the author was contracted to complete a technical report on the Ariane property located 200 km northeast of Val d'Or, Abitibi.

On the property, gold and copper targets were generated using DIAGNOS' proprietary Computer Aided Resource Detection System (CARDS) in 2006. Generation of these targets using "data mining techniques" was carried out by the "CARDS team" at DIAGNOS INC (DIAGNOS).

In 2007, MAXTECH entered into an option agreement with DIAGNOS to acquire a 100% interest in the Ariane claim group. This option was exercised in December of 2010 and MAXTECH acquired 100% interest in the property. DIAGNOS retains a net smelter return interest on the claims.

This report presents the geology and potential for gold and copper mineralization of the Ariane property. It summarizes the ongoing exploration work carried out by DIAGNOS on behalf of MAXTECH on the Ariane property and sets out recommendations for additional work.

Parts of the information on the Ariane property and surrounding areas presented in this report is derived from historical public data, including assessment reports and geological, geochemical, and geophysical compilations, available online from SIGÉOM and GESTIM of Québec Ministère des Ressources Naturelles et de la Faune (MRNF). The first author of this report, André Ciesielski P.Geo., conducted a site visit of the Ariane property on the 18th and 19th of August 2010.

DIAGNOS co-author geologists carried out exploration work on the Ariane property in the summer of 2008. Work was supervised by Jean-Philippe Mai, P.Geo.

In this report, figures with UTM coordinates are in NAD 83 zone 18 projection.

3. RELIANCE ON OTHER EXPERTS

If not commented, the author considers the documentary sources as reliable, technically valid and usable with considerations related to the present frame of work. The author relied on exploration works carried out by DIAGNOS personnel in 2008.

Field information and samples were obtain and processed according to industry standards. Cu-Au targets on the Ariane property were generated using DIAGNOS proprietary Computer Aided Resource Detection System (CARDS). The methodology, validity, and any representations made upon such targets is and remains the sole responsibility of the "CARDS team".

4. Property Description & Location

The Ariane property is located approximately 50 km southwest of the town of Chapais, in the province of Quebec, Canada (Figure 1).

Figure 1 : Location Map of the Ariane property

The Ariane claim block is located on NTS Map Sheets 32G/06 and 32G/11 at the intersection of the Guercheville, Drouet, Gradis and Du Guesclin Townships. During the summer 2008, ninety-three (93) new claims were acquired, adjacent to the existent ones (Figure 2). The Ariane property is now composed of a hundred and eight (108) contiguous claims covering a 6039.84 hectares (60.4 km²) surface area. The Ariane property forms an irregular shape with, on the eastern side, a gap of 6 claims. Title numbers and expiry dates are listed in Appendix I.

The Ariane property is in good standing and 100% owned by MAXTECH.

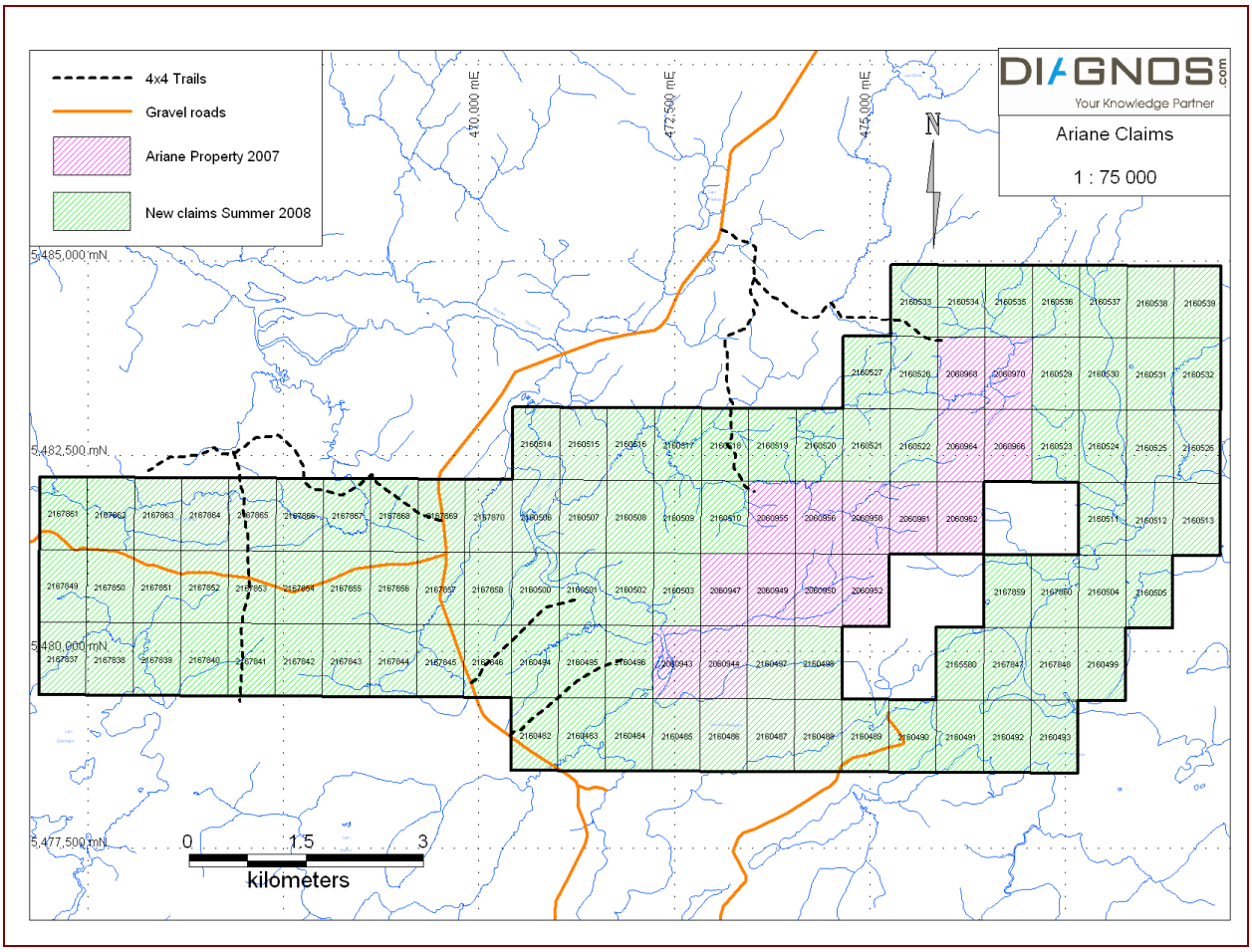


Figure 2 : Ariane Property Claim Map and Access, see Appendix I for claim numbers and expiry dates.

Historical showings and drill hole intersections are recorded in the western and eastern part of the property, the best samples assaying 12 g/t Au, 3% Cu and 4% Zn.

The Ariane property is subject to the Mining Law of the Province of Quebec.

To the best knowledge of the author, the Ariane property is not subject to any other surface rights than those related to environmental protection of the mining law. To the knowledge of the author, the property has not been legally surveyed. The author doesn't have information regarding environmental liabilities on the property.

5. ACCESSIBILITY, CLIMATE & LOCAL RESOURCES

The Ariane property can be accessed by all weather gravel roads and 4x4 trails which are part of a network of logging roads accessible from provincial highway 113, some 20 km west of Chapais (Figure 2). Some sectors can only be accessed by boat.

The climate is characterized by cold winter and mild summers. Temperatures can range from 5˚C to 35˚C during the summer months and can reach -35˚C, rarely rising above 0˚C during the winter months with an average snow cover of 83 cm and 115 mm of rain in summer. Lakes are typically frozen and suitable for diamond drilling from January to April.

Chapais, population 1630 (2006), is the closest town to the property area, located on route 113 near Chibougamau in the Jamésie region where major utilities and some services can be found. It is surrounded by, but not a part of, the municipality of Baie-James. The community was first settled in 1929, when copper, silver and gold was found in the area. Opémisca Copper Mines operated the community's mine until 1991. More recently, with the closure of the mines the community's primary industry has been forestry. Mining industrial resources can be found in Val d'Or, 200 km to the southwest.

The topography of the property is generally flat with a few small hills and swamps. The altitude ranges from 320m to 405m. The Ariane property includes a few large lakes as well as a section of the Opawica River.

Except for a few protruding hill tops, most of the region is covered by glacial deposits, with a thickness ranging from under one meter to a few meters thick.

6. HISTORY

Much of the previous work conducted on the Ariane property area has been oriented towards geological mapping, trenching, geophysical surveys and diamond drilling. A list of assessment reports on the Ariane property claims, with brief details of previous work, is included in Appendix II. The following section is based on public domain information released prior to December 2008.

6.1. REGIONAL SURVEYS COVERING THE ARIANE PROPERTY

1982 Quebec government INPUT survey was conducted by Questor Surveys Ltd (DP927).

1995 Quebec government SYGHEM 4 & 5 survey was conducted by Sial Geosciences Inc (DP-95-01).

2003 Falconbridge Ltd MEGATEM II Survey J conducted by Fugro Airborne Surveys (GM 62522).

6.2. ARIANE PROPERTY

Over the past 60 years, exploration work has been reported over different sections of the Ariane property. This work, conducted by different companies over the years, includes airborne and ground geophysical surveys, mapping, sampling, and drilling. In total, twenty-four (24) historical drill holes are located on this property (Figure 3). Showings (mostly Au and Cu) are reported in drill holes R-9-2, R-9-3, ROS-90-1 and FE99-26, as well as in various grab samples taken on mineralized surface outcrops (Figure 4).

A complete description of the previous work on this property is listed below, followed by an illustration of the work zones covered by some of these companies (Figure 3).

6.3 PREVIOUS WORK

1949 American Metal Co Ltd & Cominco Ltee conducted exploration work including geological mapping and sampling over the NE section of the Ariane property (GM 00565).

1957 American Metal Co Ltd conducted an Airborne geophysical survey (MAG) covering the NE section of the Ariane property (GM 05440).

1957 Bordulac Mines Ltd conducted an airborne geophysical survey (MAG and EM) over the center-north portion of the Ariane property (Figure 4) and identified one large strong anomaly. Follow up exploration work included trenching and drilling (DDH 1-14). 0.26% Ni is reported on 0.6m in Trench 2 / Zone 2, and 0.34% Cu is reported in a grab sample in zone 4. There are no available assay results for the fourteen drill holes (GM 05780, GM 06494, GM 05896).

1976-1979 Rock City Expls Ltd & Twentieth Century Expls Ltd conducted a ground geophysical survey (EM) which covers a small section in the northeastern part of the Ariane property (GM 32447, GM 33993, GM 35555).

1981-1983 SDBJ conducted several ground geophysical surveys (MAG, VLF) and identified a total of 4 anomalies and 12 conductors over five different areas on the Ariane property (GM 37580, GM 37715, GM 39608, GM 40470).

1983-1984 Mines Camchib Inc conducted two ground geophysical surveys (MAG/VLF and MAG/Max-Min) on the northwestern part of the Ariane property. They identified 1 anomaly and 7 conductors during the first survey and confirmed 1 conductor during the second survey (GM 40559, GM 42292).

1987 Ministère des Ressources Naturelles did a geological mapping campaign over an area which includes the Ariane property. During this reconnaissance mapping, they discovered the Lac du Guesclin showing (3.6 g/t Au and 3.9 g/t Au), on the east shore of the Opawica river, immediately north of du Guesclin lake (Figure 3) (DP 87-12, MB 93-12).

1987 SOQUEM conducted a geological mapping and sampling campaign in the center part of the Ariane property (Figure 4). During this campaign, a total of 238 grab samples were collected. The best results (700 ppm Ni and 950 ppm Cu) where obtained in grab samples taken from the Bordulac Mines historical trenches (GM 46013).

1987 Ecodir Inc conducted a ground geophysical survey (MAG, VLF) over a small area in the center of the Ariane property; however, no anomaly or conductor was clearly identified (GM 46200).

1987 Claim Rosenbaum & Claim Gallahan conducted an airborne MAG survey on the Rosenbaum Group 8 property, located on the west shore of Lac Stina, partly over the Ariane Property (Figure 4) (GM 45867).

1988 Claims Callahan conducted a ground geophysical survey (MAG, EM horizontal loop) as well as geological mapping and sampling on the Rosenbaum Group 8 property (Figure 4). Approximately 53 of the grab samples that were taken during the sampling program are located on the Ariane property; the others falling on the Margaret Nealon claims (See Appendix 2 for details). On the Ariane property, 5 samples assayed over 5 g/t Au, including 2 samples over 10 g/t Au, and 2 samples assayed over 2.35% Cu (Figure 5). These values were obtained on a historical showing from 1952, the "House" showing (GM 47663, GM 47664).

1989 Claims Rosenbaum and others conducted and airborne geophysical survey (MAG, VLF) on the Rosenbaum Group 9 property, at the northeastern section of the Ariane property (Figure 4). No conductors were clearly identified (GM 48477).

1990-1991 Claims Rosenbaum conducted a program of prospecting, mechanical stripping and diamond drilling over the Rosenbaum Group 8, 10A and 10B properties (Figure 4). 3 holes were drilled on Property 10A (ROS-90-1 to ROS-90-3) located in the center of the Ariane property; and 1 hole was drilled on Property 10B (ROS-90-10) about 5km to the southwest, also on the Ariane property. Hole ROS-90-1 intercepted 0.17 g/t Au over 0.45m. A few grab samples were taken on Property 10A and Property 8. Sample #3337, located in the southeast corner of the Rosenbaum Grid on Property 10A returned 0.34 g/t Au & 2.25% Cu (Figure 5) (GM 50352, GM 51302).

1991 Claims Rosenbaum conducted ground geophysical surveys (MAG, EM horizontal loop) on the Rosenbaum Group 9, 10A and 11 properties (Figure 4) (GM 50446, GM 50551).

1991-1993 Claims Simard carried out an exploration campaign on the Lac Pauline property, located at the western end of the Ariane property (Figure 4). This campaign included prospecting, mapping, excavating, blasting, trenching and sampling. Many samples from this area contained copper and gold values. The highest grading sample for copper is sample #37946 (3% Cu), and the highest gold assay is from sample #37871 (2.2% Cu & 1.1 g/t Au) (Figure 5) (GM 51944, GM 55078).

1995 Claims Rosenbaum conducted a diamond drilling campaign on Rosenbaum Group 9 property (holes R-9-1 to R-9-3) (Figure 4). Hole R-9-2 returned 0.78 g/t Au over 0.6m, while hole DDH R-9-3 intercepted 5.75 g/t Au & 4.16% Zn over 1m, 2.38 g/t Au over 0.6m, and 0.47 g/t Au & 0.63% Cu over 0.3m (Figure 5) (GM 52919).

1996 Mines d'Or Virginia Inc. conducted a ground geophysical survey (EM horizontal loop) on the Lac Pauline property, followed by a two hole drilling campaign (LP-96-01 and LP-96-02)

(Figure 4). The results from the drilling were low (<50 ppb Au, <0.1% Cu and <300 ppm Ni) (GM 55812, GM 55813).

1999 SDBJ and Exploration Boréale Inc conducted a ground geophysical survey (IP) on the Fenton-Est property, located in the northeast section of the Ariane property (Figure 4). Following this survey, a hole was drilled to test one of the IP anomalies (FE99-26). This hole intercepted 0.41 g/t Au over 0.7m (Figure 5) (GM 57977, GM 57987).

2001-2005 SOQUEM conducted a sampling campaign on the Wachigabau property, located in the western section of the Ariane property, in the Lac Pauline area (Figure 4). The purpose of this campaign was to determine the potential of the region for PGE elements. In assessment report GM 61780, SOQUEM reports having obtained, in 2000, a value of 319 ppb combined Pd-Pt. However, this result was not confirmed during the 2001-2005 work program, since no values of interest were discovered for Pd, Pt and Au. The highest value obtained for copper was 3736 ppm from sample # 22813 (GM 59765, GM 61780).

2004-2006 Falconbridge Ltée conducted a heliported geophysical survey (VTEM) on Du Guesclin A-04-01 property, located in the southeast section of the Ariane property (Figure 4). The purpose of this survey was to evaluate the potential of MEGATEM target DUG-101. Following the VTEM survey, target DUG-101 was not selected for drilling (GM 62536, GM 62522).

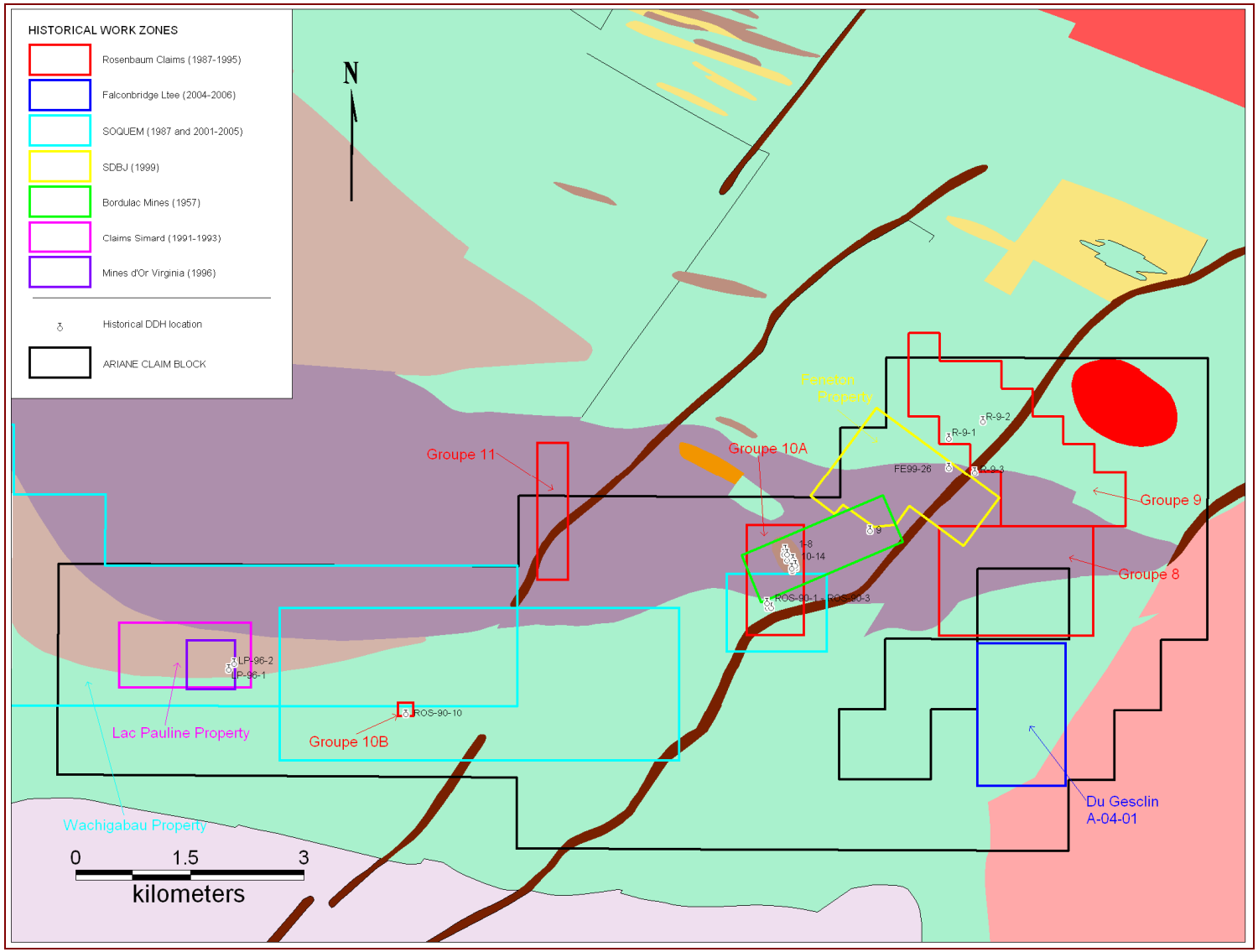


Figure 3 : Historical works and drill holes on the Ariane property.

Pale Green : Obatoganau basalt and felsic volcanics; Red : Rachel tonalite pluton; Pink : Granodiorite; Dark purple : Tonalite; Pale brown-purple : Gabbro-anorthosite Opawica complex. See figure 7 for detail legend.

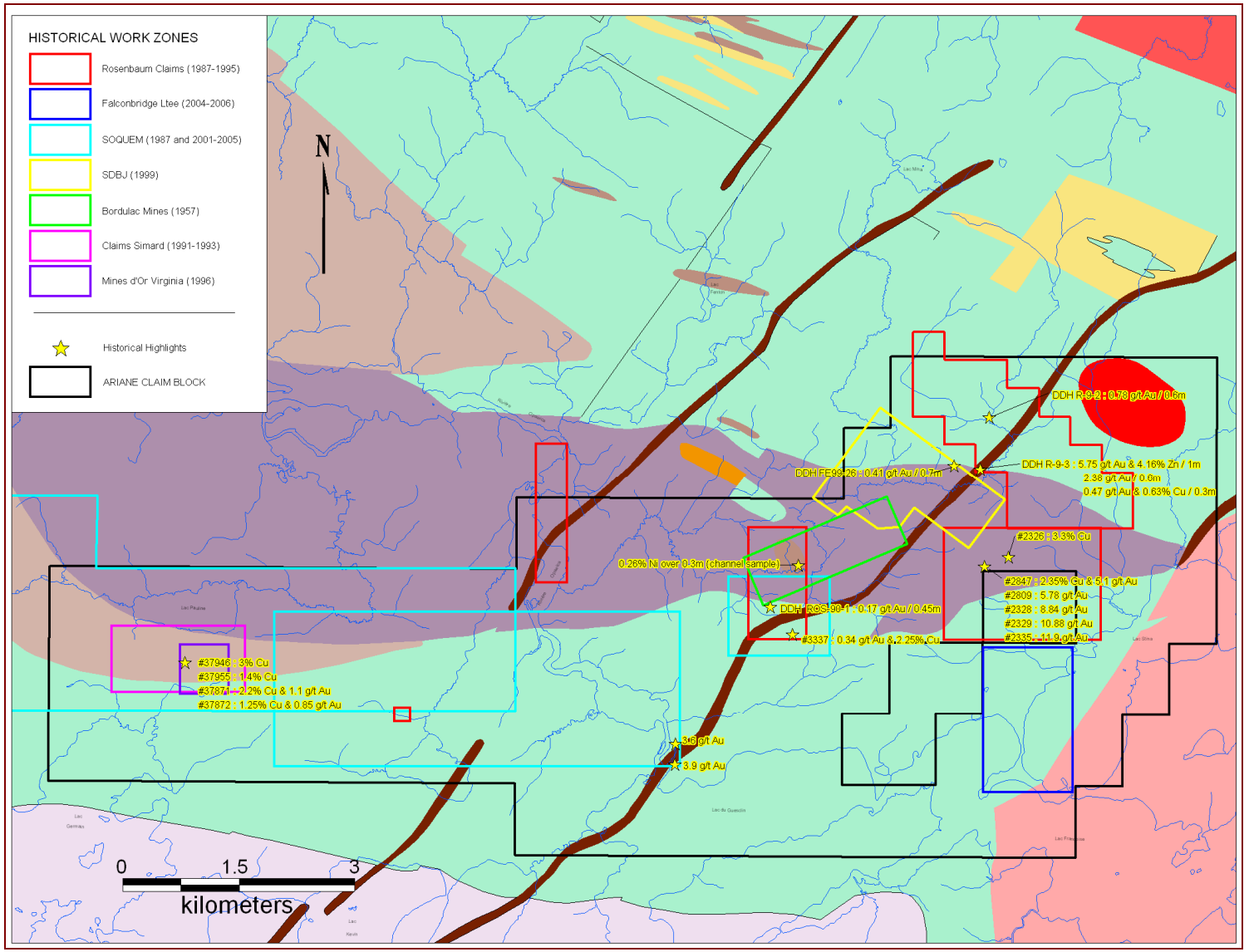


Figure 4 : Historical mineralized intersections on the Ariane Property

Pale Green : Obatoganau basalt and felsic volcanics; Red : Rachel tonalite pluton; Pink : Granodiorite; Dark purple : Tonalite; Pale brown-purple : Gabbro-anorthosite Opawica complex. See figure 7 for detail legend.

6.4. REGIONAL OCCURRENCES & DEPOSITS

The Ariane property is surrounded by known mineral occurrences and deposits. The following deposits are all located within 35 km from the property (Figure 6):

- The Lac Fenton showing, located 1.5 km from the Ariane property, was evaluated at 402 000 tonnes grading 5.01 g/t Au[1].

- The Mariposite deposit, located 25 km from the Ariane property, was evaluated at 518 000 tonnes grading 2.7 g/t Au[1].

- The Shortt Lake mine (now closed), located 30 km from the Ariane property, produced 2 667 535 tonnes grading 4.34 g/t Au[2].

- The Zone Lemnac/Gand deposit, located 33km from the Ariane property, was evaluated at 145 000 tonnes grading 5.14 g/t Au[1].

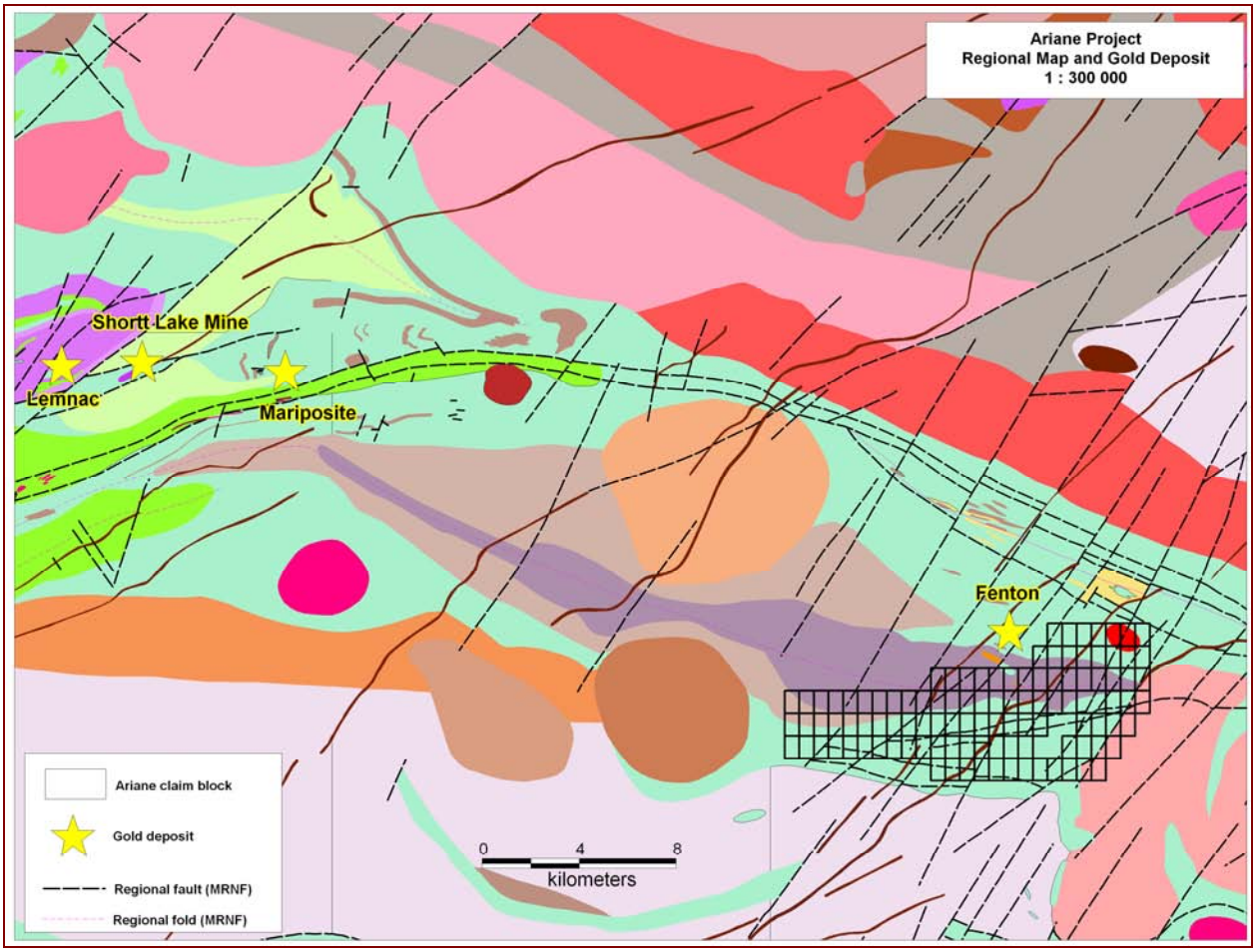


Figure 5 : Gold deposits located in the Ariane property area. See Figure 7 for legend

[1] Ministère des Ressources Naturelles du Québec : SIGEOM database

[2] Natural Resources Canada : http://cgc.rncan.gc.ca/mindep/synth_dep/gold/greenstone/tables/appendix1_e.php

7. GEOLOGICAL SETTING

7.1. REGIONAL GEOLOGY

The Ariane property lies within the southern Caopatina Segment of the NE Abitibi Archean greenstone belt (Figure 6). The Chibougamau-Matagami sequences form the northern half of the "Northern Volcanic Zone" of the Abitibi Subprovince as defined by Chown et al., (1992). The belt stretches for over 400 km, from the Kapuskasing structure to the Grenville front. The region is characterized by major 2.75 to 2.72 Gy WNW-trending volcanic and sedimentary segments intercalated with pre, syn and late-tectonic 2.72 to 2.65 Gy large plutonic or gneisso-plutonic complexes emplaced and deformed during or shortly after the major compressive/shortening Kenoran orogeny ca 2.7 Gy.

The Caopatina Segment is a volcano-sedimentary rock assemblage composed of two principal formations: the Obatogamau formation, a vast plain of tholeitic basalts with a few mafic to felsic volcanic centers, and the Caopatina formation, an overlying sedimentary sequence. These formations are part of the lower volcanic cycle of the Roy Group.

The Ariane property is located in the Obatogamau formation where numerous plutonic masses are recorded. Locally, stratification and schistosity observed within the volcanic rocks are moulded around theses pre to syn-tectonic intrusions.

7.2. REGIONAL STRUCTURE & METAMORPHISM

Rocks from the Chibougamau-Matagami greenstone belt were deformed and metamorphosed by two orogenies. The Kenoran orogeny occurring ca. 2.7 Gy is a multi-phase regional deformation event that resulted in large E-W domes & basins structures and associated E-W, SE and NE regional fault systems. The NNE-trending regional fault system is much younger and related to the Grenville orogeny ocurring ca. 1 Gy.

Figure 6 : Regional geological map of the Ariane property large area showing the main WNW-trending basaltic Caopatina segment located between the gneisso-plutonic Lapparent massif to the north and the Opawica plutonic belt to the south. Sequences are transected by the NE-trending Lamark fault to the west and the ENE-trending Gwillim fault in the Chapais area. After Goutier & Melançon (2010). Medium Green : Obatogamau basalt Fm, Pale Green : Intermediate felsic volcanics, Blue : late–Kenoran detrital Caopatina Fm, Red : syn-tectonic plutonic rocks, Pale Yellow : genissic complex, Medium Yellow : post-tectonic tonalitic pluton

The tectonic grain of the region is defined by a late phase of the Kenoran orogeny, considered to be the dominating tectonic event. This deformation phase, with a stress ($\sigma 1$) oriented N-S, provoked isoclinals folds, transposition and shears responsible for the predominantly E-W orientation of the stratification and associated schistosity. Corridors have preferentially absorbed the N-S stress to form E-W shear zones. The NE faults and the associated secondary faults are the result of a late phase of the orogeny. These faults crosscut older structures (stratification, schistosity, fold axis and E-W faults) and are the illustration of strike slip regional movement occurring towards the end of the orogeny (Figure 6).

The metamorphism of the belt reach the greenshist grade, locally amphibolite facies near the Grenville front and along deformational corridors and intrusion margins.

7.3. ARIANE PROPERTY

A) LOCAL GEOLOGY

A good proportion of the Ariane property is underlain by massive and porphyritic basalts of the Obatogamau formation (Figure 7). The basalts surround tonalites and quartziferous diorites of the Opawica pluton. It has an elongated E-W shape, due to the regional deformation. The contact between basalts and the Opawica pluton is sheared (Tait and al., 1990). In the Lac Pauline area, in the west section of the property. The eastern extension of the Opawica River Complex is located along the south margin of the Opawica pluton.

The Opawica river igneous complex is a layered anorthositic intrusion located at the base of the Obatogamau formation (Chown et al., 1990). Like for the Lac Doré Complex, the Opawica River Complex is located on either side of a major structure, the Opawica anticline, the axis being occupied by a synvolcanic tonalitic intrusion, the Opawica pluton (Dion and Simard, 1999).

In the southeast of the Ariane property, the basalts of the Obatogamau formation are in contact with the La Tour pluton, a syntectonic granodiorite pluton. Furthermore, a small Archean tonalite stock is located in the NE corner of the property.

Finally, the Archean sequences are crosscut by NNE and NE-trending Proterozoic diabase dykes.

B) STRUCTURE

In the area the schistosity is subvertical and generally oriented ENE and EW. The regional axis of the Opawica anticline is located along the center of the Opawica pluton on the Ariane property (Figure 8). The property is located at a structural junction between the WNW-trending Opawica-Guercheville deformation corridor and an EW tributary structural zone relaterd to the Opawica anticline. The area is marked by strong magnetic anomalies (Figure 9)

Two regional ductile shear zones, parallel to local schistosity, are documented on the property. A series of NNE and NE faults are also present on the property and displace Archean sequences as well as late Kenoran structures.

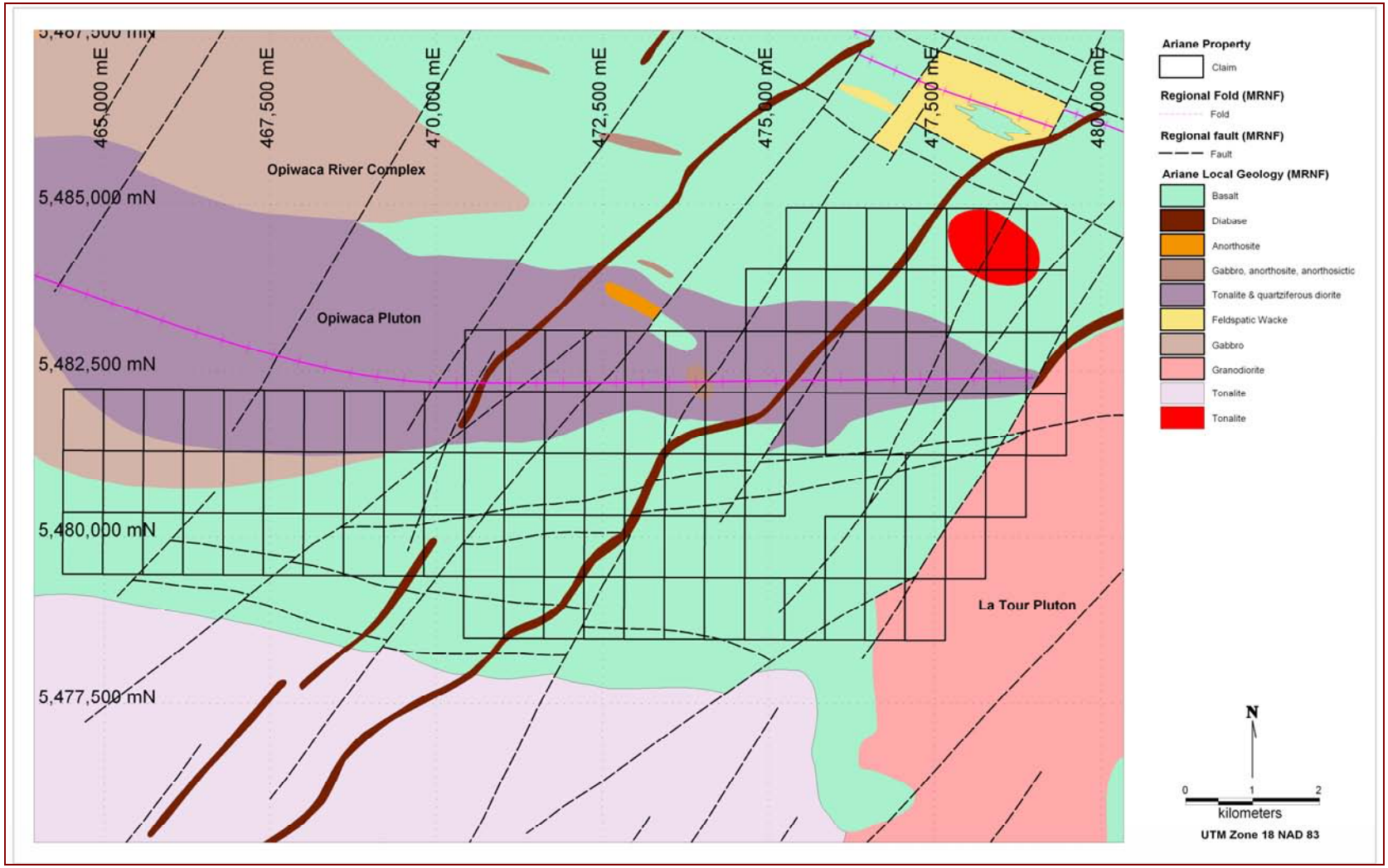


Figure 7 : Geological map of the Ariane property showing Archean Obatogamau basalts interstratified with metasediments, in contact with syn-tectonic tonalite and gabbro and crosscut by late Kenoran granodiorite.

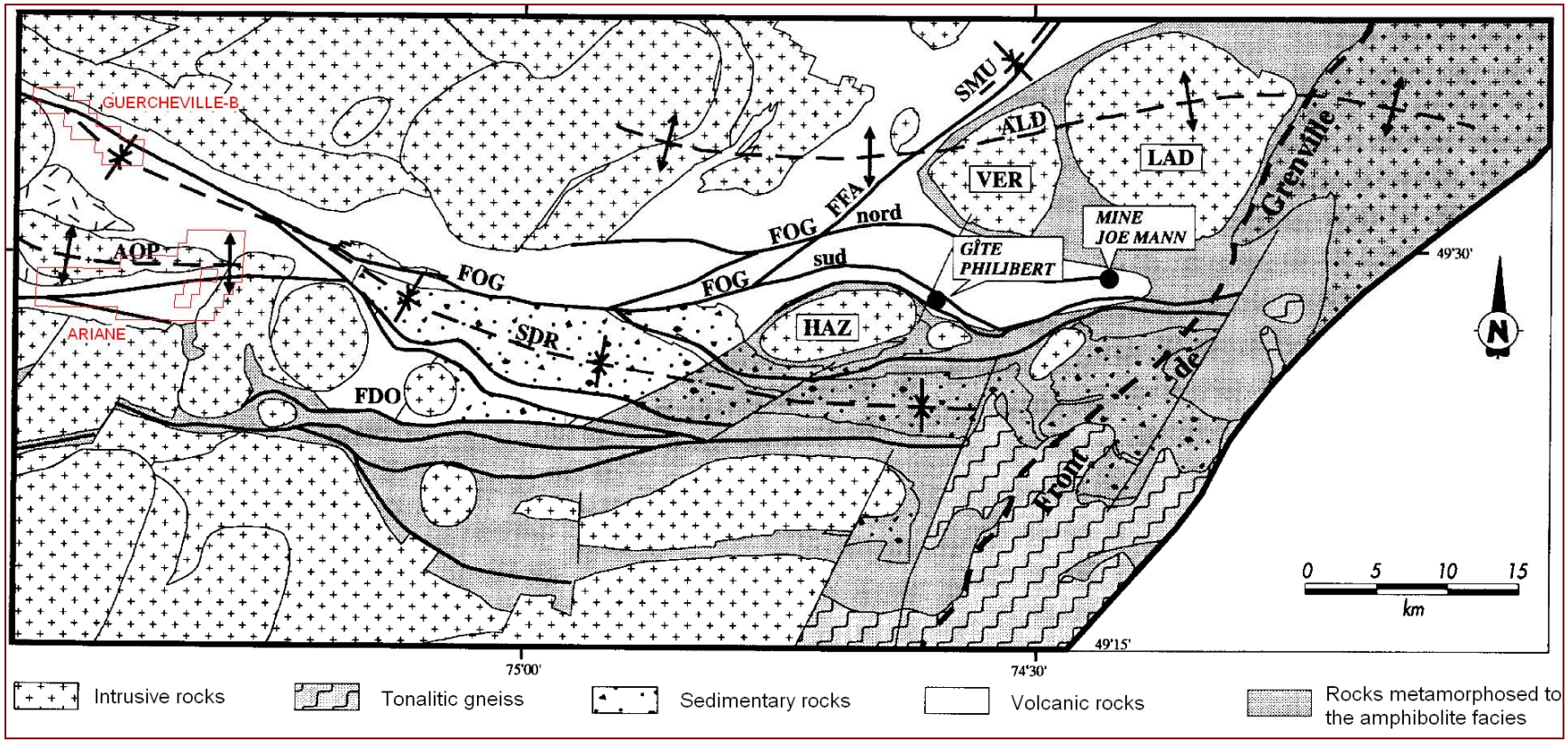


Figure 8 : Regional structures in the Opawica Segment (after Dion and Simard, 1999). - FOG: Opawica-Guercheville Fault; FDO: Doda Fault; FFA: Fancamp Fault; SMU: Muscocho Syncline; SDR: Druillettes Syncline; ALD: La Dauversière Anticline; APO: Opawica Anticline; HAZ : La Dauversière Pluton; VER: Verneuil Pluton.

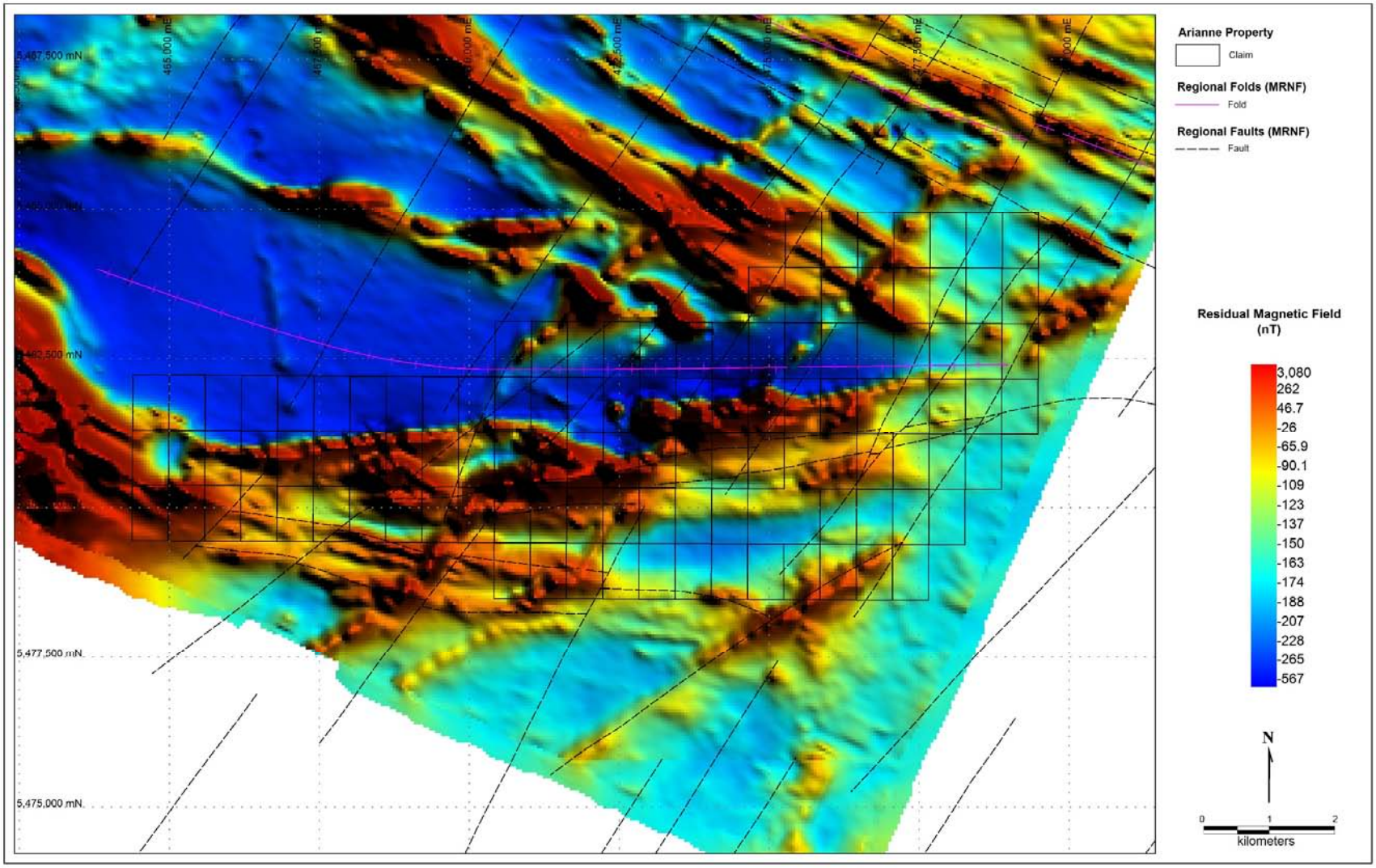


Figure 9 : Residual Magnetic Field, on Ariane Property area showing junction between WNW and EW major structural trends.

8. REGIONAL DEPOSIT TYPES

The mining district of Chapais-Chibougamau has for long been known as "the shear zone hosted deposits region" and produced approximately 1.2M tons of copper, 3.7M oz of gold, 20.9M oz of silver, 115 000 kg of zinc and 4000 kg of lead (MB-96-14). The region is host to several types of deposits and showings within a wide variety of geological context.

The Caopatina Segment is host of the principal gold producing mine in the district, the Joe Mann mine. It is also host of two past producing gold deposits, the Lac Shortt mine and the Lac Bachelor mine, and of one past producing Zn-Pb-Ag deposit, the Coniagas mine (Figure 10).

Therefore the following sections present deposit types that are the most likely to be found on the Ariane property.

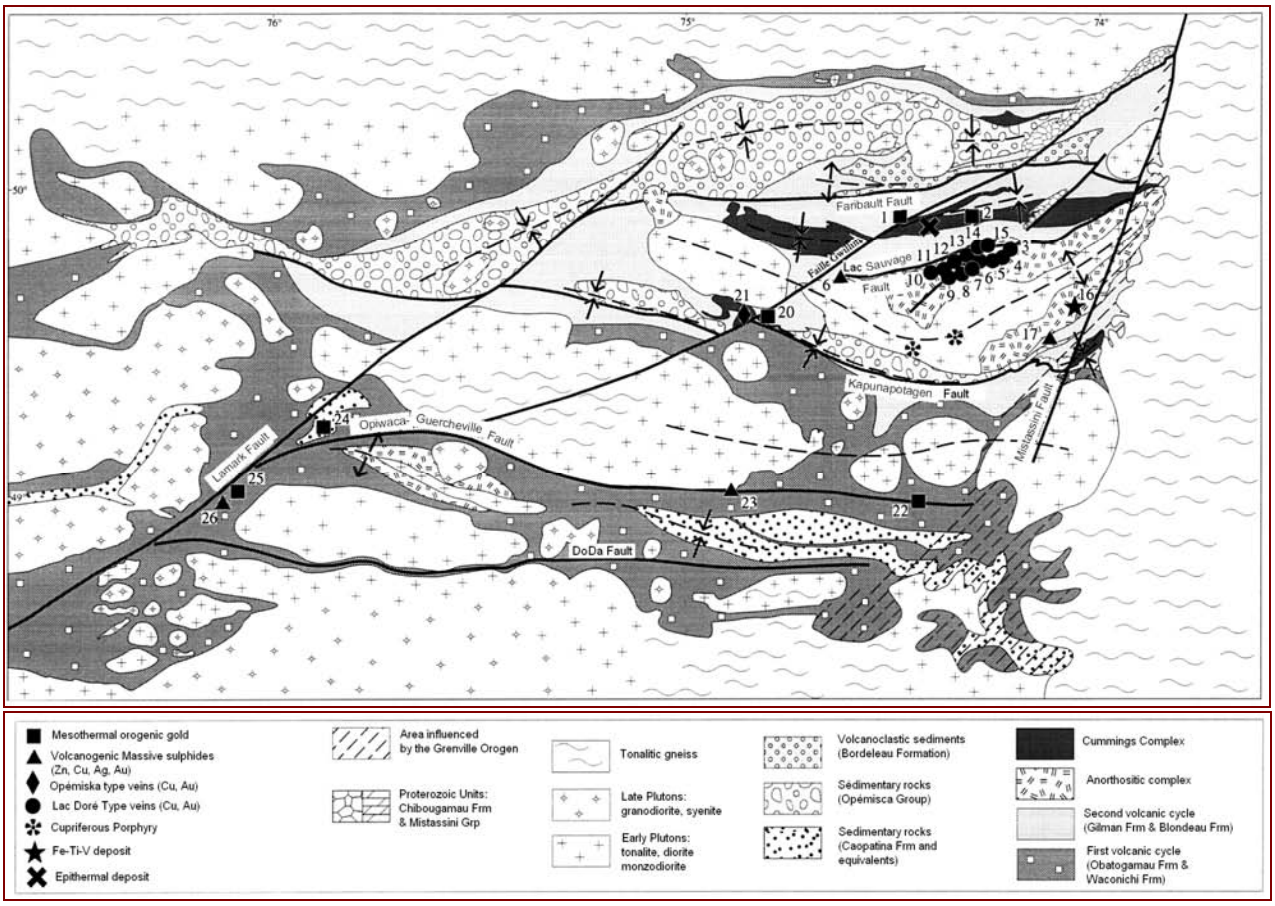


Figure 10 : Geology and mineral deposits of the Chibougamau-Caopatina region (modified from Chown and al., 1990). 1: Gwillim mine; 2: Norbeau mine; 3: Portage mine; 4: Henderson mine; 5: Henderson II mine; 6: Bateman Bay mine; 7: Copper Rand mine; 8: Merill mine; 9: Campbell mine; 10: Obalski mine; 11: Kokko Creek mine; 12: Quebec Chibougamau mine; 13: Cedar Bay mine; 14: Copper Cliff mine; 15: Jaculet mine; 16: Vanadium showing; 17: Lemoine mine; 18: Delvin; 19: Queylus breccias; 20 Cooke mine; 21: Opemisca mine; 22: Joe Mann mine; 23: Lac des Vents showing; 24: Lac Shortt mine; 25: Bachelor mine; 26 Coniagas mine.

8.1. Mesothermal Orogenic Gold Deposits

Mesothermal orogenic gold deposits, also known as greenstone-hosted quartz-carbonate vein deposits, are structurally controlled, complex epigenetic deposits that are hosted in deformed and metamorphosed terranes. They consist of simple to complex networks of gold-bearing, laminated quartz-carbonate fault-fill veins in moderately to steeply dipping, compressional brittle-ductile shear zones and faults, with locally associated extensional veins and hydrothermal breccias. They are dominantly hosted by mafic metamorphic rocks of greenschist to locally lower amphibolite facies. Typically, the proximal alteration haloes are zoned and characterized, in rocks at greenschist facies, by iron-carbonatization and sericitization, with sulfidation of the immediate vein selvages (mainly pyrite) (Dubé and Gosselin, 2007).

Furthermore, the Lac Fenton showing, located 1.5 km north of the Ariane property, is an orogenic gold type deposit. The ESE orientation of shear zones and stratigraphy in the Lac Fenton system is the main difference with the Joe Mann deposit (Dion and Simard, 1999).

8.2. Porphyritic and Hydrothermal Cu-Au Mineralization Associated to Plutonic Activity

The Opawica River Complex and the Opawica pluton form together a very similar geological and structural context as the one formed by the Lac Doré Complex and the Chibougamau pluton in the Chibougamau mining camp. The Opawica River Complex and Lac Doré Complex are both anorthositic complexes of similar composition and texture (Midra et al., 1994). Both were deformed during the Kenoran orogeny, and were intruded by a synvolcanic tonalite-diorite pluton (respectively the Opawica and Chibougamau plutons). The main difference between the two is their respective size.

The Lac Doré Complex and the Chibougamau Pluton host porhyritic and lode type Cu-Au mineralization.

A) Cu-Au Porphyritic Type

The Cu and Cu-Au porphyry mineralisation generally corresponds to disseminated, veins and veinlets within a complex network of mineralized fractures and breccias. These structures are enclosed within or along the margins of intermediate to felsic granitoid masses (Pilote and Guha 1995). Porphyritic type mineralisation has been described in both the Lac Doré Complex and the Chibougamau pluton. However, no porphyritic type mineralisation has been reported to date in the Opawica River Complex or in the Opawica pluton. Nevertheless, this type of mineralization remains a possibility considering the favourable geological context.

B) Cu-Au Lode Type

Cu-Au lode type deposits are numerous within the Lac Doré Complex and are historically known as the “Chibougamau type mineralization”. These Cu-Au veins can be classified as structurally controlled lodes resulting from hydrothermal activity. The sulfide mineralogy within these veins is dominated by chalcopyrite, pyrite and pyrrhotite. Gold is present as isolated grains associated with pyrite and chalcopyrite; unlike in orogenic type veins were the gold is free (Pilote and Guha 1995).

Structurally controlled Cu-Au veins have been described in a few showings within the Opawica River Complex. These quartz-sulfide veins are located in fractures and shears zones and show certain common points with the Cu-Au lode type deposit of the Lac Doré complex (Dion and Simard, 1999). The Lac Pauline showing on the Ariane property is a good example of this type of mineralization.

8.3. MAFIC VOLCANIC HOSTED ZN ± CU ± AU ± AG SHEAR ZONES

This type of mineral occurrence includes base metal showings for which the exhalative origin remains speculative. These occurrences are generally associated with shear zones and crosscutting various lithologies (Dion and Simard, 1999). Many showing in the Ariane property area, a few of them located on the property, can be classified under this type. However no economic deposit has been discovered so far in the region.

9. MINERALIZATION

Exploration work performed during the summer of 2008 confirmed the presence of mineralization on historical showings, notably the Lac Pauline and the House zones, Table I.

Table I : Summer 2008 mineral discoveries

Name	Property	Description	2008 Assay results
House	Ariane	Historical showing - pyrite disseminated in tonalite, and pyrite-malachite in quartz vein	Surface samples up to 0.26 g/t Au
Lac Pauline	Ariane	Historical showing - pyrite and chalcopyrite mineralization in shear zones and disseminated in gabbros and pyroxenite-gabbros	Surface samples up to 0.89% Cu, 6.5 g/t Ag, and 0.13 g/t Au

9.1. HOUSE SHOWING

The mineralization of the House showing is composed of disseminated pyrite and is hosted in sub-vertical E-W quartz veins and shear zones within tonalites of the Opawica pluton. Malachite has been described as part of the mineralization in a 5m long quartz vein is this area. The House showing is located 750m south of geophysical GRID 1 on the Ariane property.

9.2. LAC PAULINE TYPE MINERALIZATION

The Lac Pauline mineralisation is hosted in gabbros, anorthositic-gabbros, pyroxenite-gabbros, and pyroxenites from the Opawica-River Complex. The mineralization at surface is dominantly composed of pyrite and minor chalcopyrite with, locally, trace amounts of magnetite and magnetic pyrrhotite. The sulfides are disseminated in the rocks of the Opawica River complex, and are concentrated as semi-massive lenses within sub-vertical E-W shear zones (Figure 12).

The best results obtained in the Lac Pauline mineralized zone are located within a series of E-W shear zones in an area of approximately 300 meters long by 15 meters wide (Figure 11).

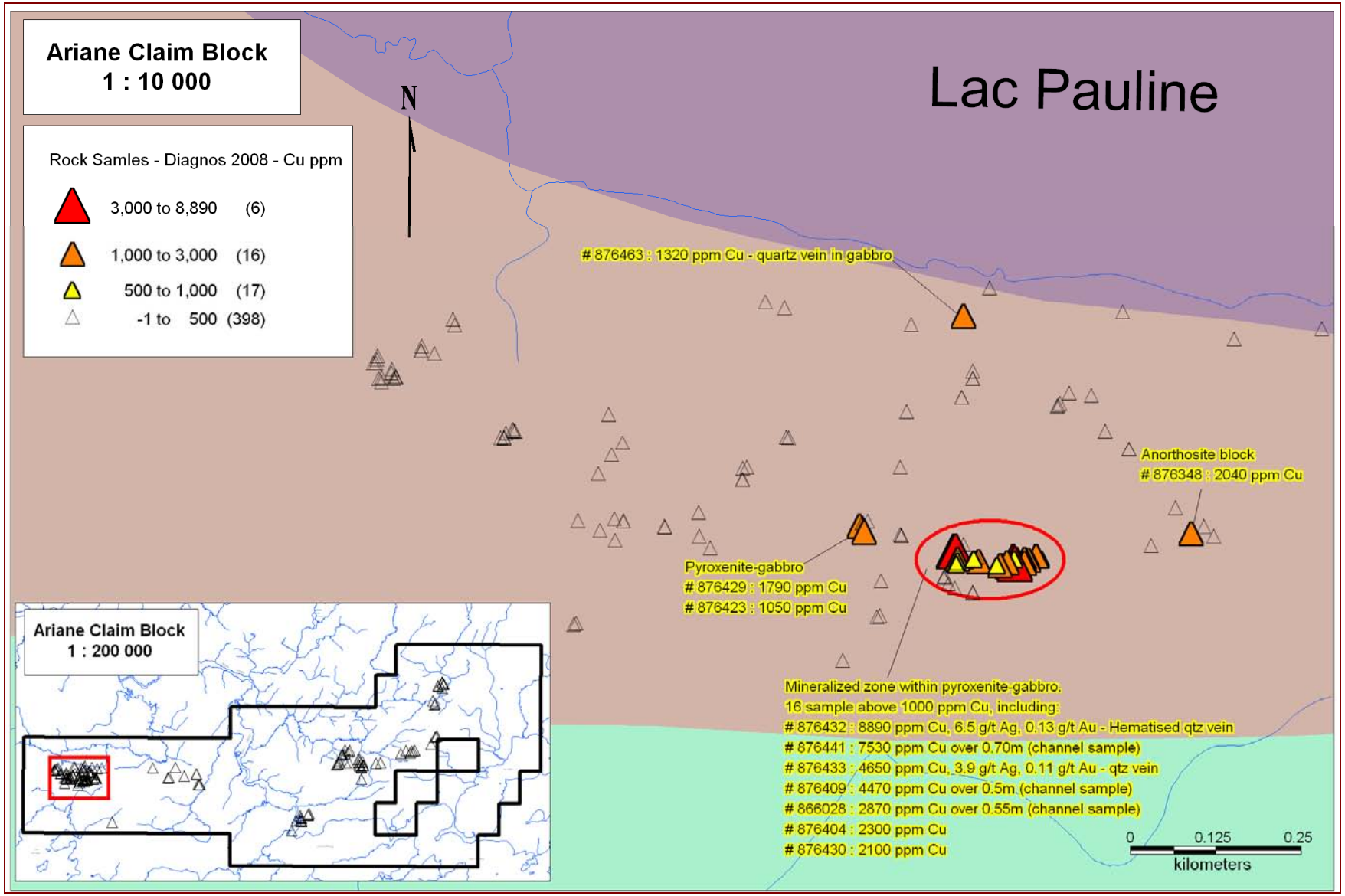


Figure 11 : Assay results from the Lac Pauline area.

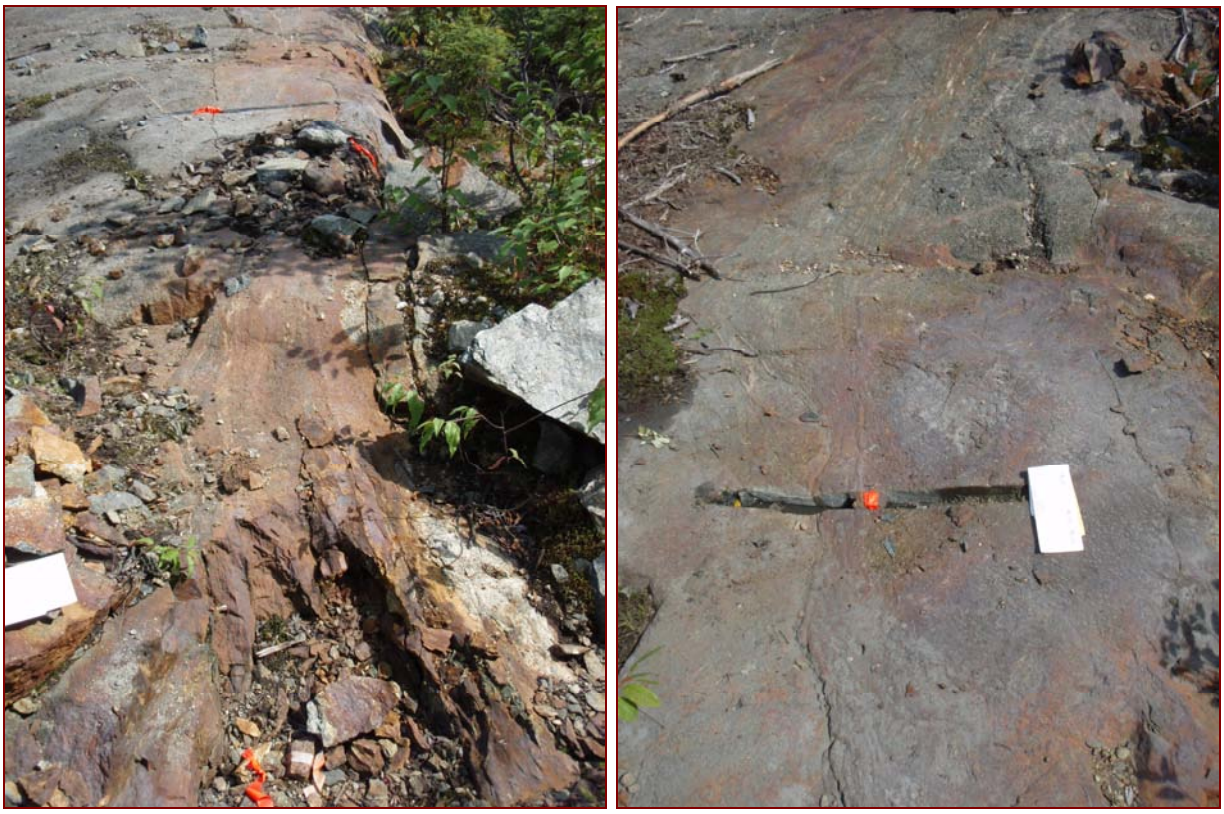


Figure 12 : Lac Pauline zone: mineralized E-W shear zones in pyroxenite/gabbro.

Figure 12 : Lac Pauline zone: disseminated sulfides in pyroxenite/gabbro.

10. CARDS TARGETS

DIAGNOS used its proprietary Computer Aided Resource Detection System (CARDS) to target the mineral potential of the Abitibi Subprovince and generate copper and gold targets over several NTS map sheets in the Abitibi. Gold and copper targets within NTS map sheet 32G/06 and 32G/11, led to map staking of prospective ground, including claims of the Ariane property in 2006 which were later optioned and transferred to MAXTECH (Figure 13).

CARDS is a computer system used by researchers at DIAGNOS to identify areas with a high statistical probability of similarity to known areas of mineralization. The backbone of CARDS is the MCubiX-KE (Knowledge Extraction) data mining mathematical engine.

MCubiX-KE uses powerful pattern recognition algorithms to learn the signatures of positive and negative data points and create a model that can make predictions on the positive or negative nature of new data points. MCubiX-KE uses these algorithms to analyze digitally compiled exploration data and identify points (targets) with signatures similar to known areas of mineralization.

Data is entered into CARDS in the form of geo-referenced data points and images. Each point in the database is linked to its own set of characteristics that are extracted from a variety of sources: for e.g.

- geological maps: rock type, alteration;

- geophysical surveys: total magnetic field, residual field, first derivative field, gravity;

- geochemical surveys: rock, soil, lake bottom, drill hole assays;

- sets of characteristics are calculated according to various models;

- proximity to mineral occurrences;

- proximity to mineralized drill holes;

- proximity to lithological contacts;

- proximity to specific intrusive suites;

- proximity to interpreted lineaments;

- proximity to mapped faults and shear zones.

Targets generated by CARDS should be evaluated in conjunction with all readily available geological data in the evaluation of the economic potential of a property as well as in the outlining of exploration and drill targets.

Note: high statistical probability refers to decision tree classification of targets zone signatures; it should not be viewed as high statistical probability of finding mineralization at a target zone.

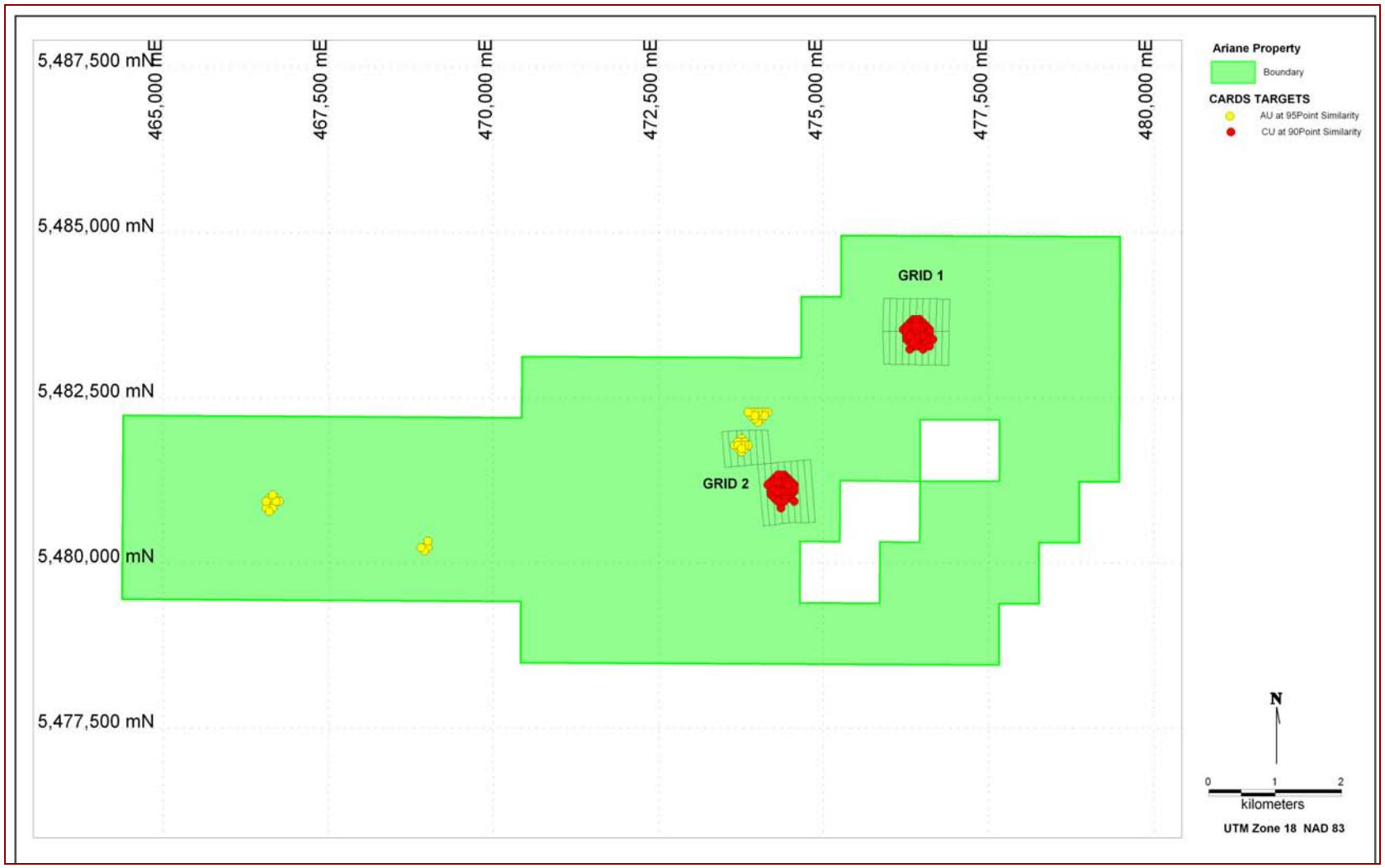


Figure 13 : Cards targets and geophysical grids, on Ariane property.

11. EXPLORATION

The exploration work performed on the Ariane property, includes ground induced polarization and infiniTEM surveys, and lithogeochemical sampling. Details are listed in Table II.

Table II : Exploration work conducted on the Ariane property in 2008

Property	Lithogeochemistry		Geophysics
	Boulder	Outcrop	(Line-Km)
Ariane	7	213	33.56
TOTAL	7	213	33.56

11.1. GROUND GEOPHYSICS

Several chargeability anomalies and conductors were identified in the course of the ground IP and infiniTEM surveys carried out by ABITIBI GEOPGHYSIQUES INC. in late 2007 and early 2008. These surveys were conducted over five cut grids at 100m (IP survey) and 200m (infiniTEM survey) line spacing for a total of 33.56 line-kilometers. Two (2) grids are located on the Ariane property (Figure 13). The grids were positioned in order to straddle the copper and gold targets generated by CARDS. Abitibi Geophysiques was commissioned to conduct the geophysical readings along grid lines set up by B.J. Renaissance.

11.2. LITHOGEOCHEMICAL SAMPLING

In the summer of 2008, MAXTECH conducted two field campaigns on the Ariane property. The first campaign took place from June 30th to July 13th, while the second took place from August 11th to August 24th. A total of 201 grab samples and 19 channel samples were collected from boulders and outcrops (Figure 14), and delivered for analysis to ALS Chemex Laboratory in Val d'Or, Quebec.

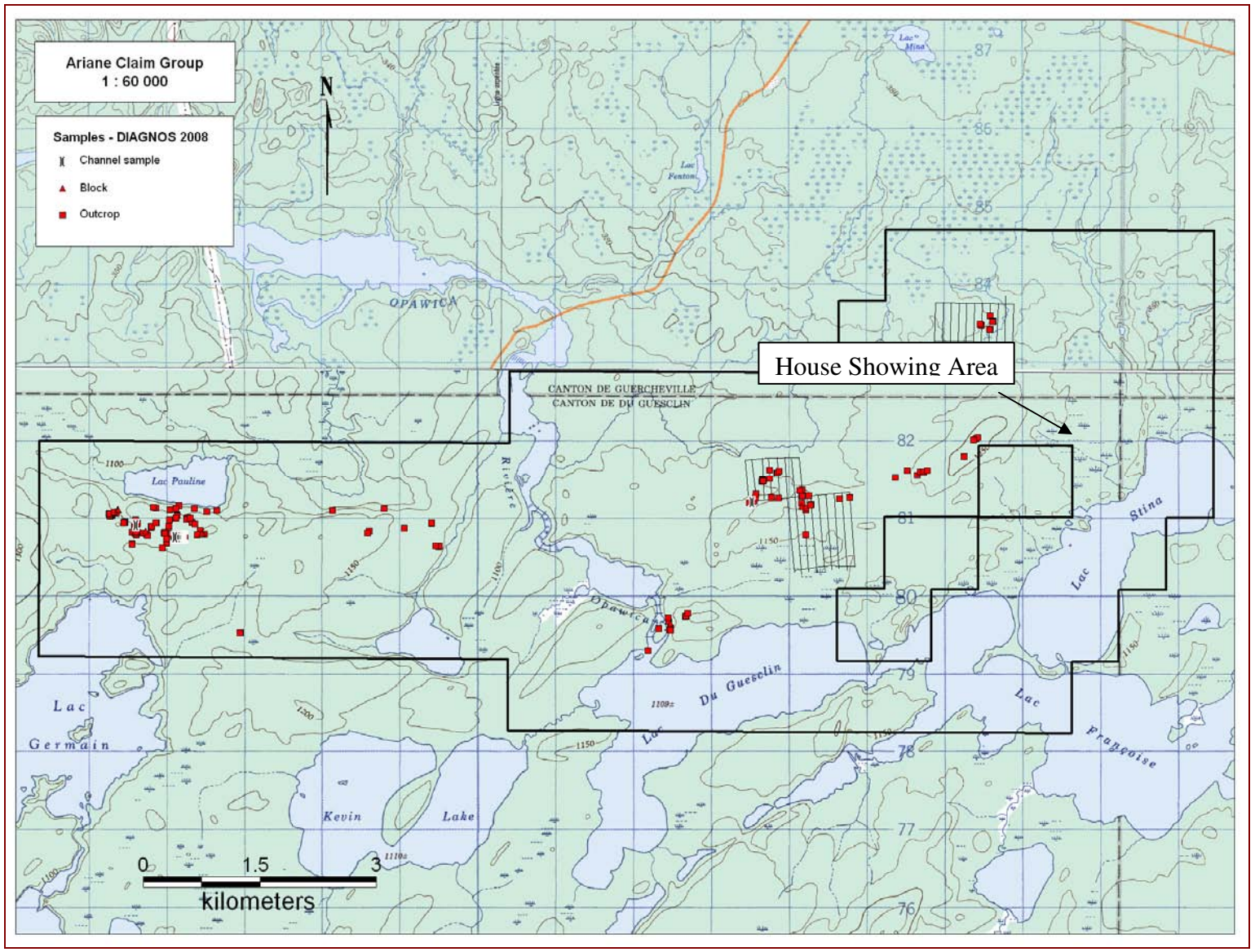


Figure 14 : Ariane Property – Sample location, 2008 summer exploration campaign.

12. RESULTS

12.1. GROUND GEOPHYSICS

The results from the IP and infiniTEM surveys are presented in a report by Abitibi Géophysique. Report 07N092B includes the results over Grids 1 and 2 of the Ariane property and describes the methodology with locations of identified anomalies and conductors. The report is submitted in Appendix IV.

12.2. GEOCHEMICAL RESULTS

The rock samples collected on the Ariane-property were analysed for multi-element packages and for precious elements like gold, platinum and palladium. 201 grab samples were taken from outcrops and occasional boulders, and 19 channel samples were taken dominantly from outcrops located in the Lac Pauline area. Overall, four (4) samples assayed above 0.1 g/t Au. Furthermore, in the Lac Pauline area, sixteen (16) samples assayed over 1000 ppm Cu and four (4) samples assayed over 4000 ppm Cu. Complete assays with standards and duplicates are listed in Appendix III.

Table III: Lithogeochemical Results

Sample #	type	Au (ppm)	Ag (ppm)	Cu (ppm)	Length	Lithology	Area
876333	grab	0.26	1.1	745		Tonalite	House showing
876334	grab	0.21	1.3	786		Quartz vein	House showing
876432	grab	0.13	6.5	8890		Quartz vein	Lac Pauline
876411	channel	0.093	1.3	7530	over 0.7m	Pyroxenite-gabbro	Lac Pauline
876433	grab	0.11	3.9	4650		Quartz vein	Lac Pauline
876409	channel	0.096	1.7	4470	over 0.5m	Pyroxenite-gabbro	Lac Pauline

12.3 DISCUSSION OF THE RESULTS

Two hundred and twenty-four (220) rock samples (grab & channel samples) were collected on the Ariane property (Figure 14). Samples consisted of mafic volcanic rocks, quartz veins, pyroxenite-gabbro, gabbro, pyroxenite, anorthosite and tonalite.

Quartz vein samples returned the highest values for Cu. The mineralized units consists of N-S quartz veins intruded in rusty pyroxenite-gabbro, mineralization is found as clasts and disseminated sulfides. Samples of quartz vein had up to 15% Py : assays returned values up to 0.13 g/t Au, 6.5 g/t Ag, 8890 ppm Cu and 0.11 g/t Au, 3.9 g/t Ag, 4650 ppm Cu. (Table III and Figure 11)

The Lac Pauline area is underlain by the Opawica River Complex (gabbro, anorthosite, pyroxenite). Locally sheared pyroxenite-gabbro is associated with semi-massive sulfide lenses. Mineralization consists of up to 10% Py, and 4% Cu and 2% Mag: assays returned values up to 7530 ppm Cu over 0.70m and 4470 ppm Cu, 0.096 g/t Au, 1.7 g/t Ag over 0.50m. (Table III and Figure 11)

The house showing area consists of E-W sheared tonalite crosscut by E-W quartz veins. Mineralization consists of up to 2% Py, 2% chlorite and 2% malachite: assays returned values up to 0.21 g/t Au, 1.3 g/t Ag, 786 ppm Cu and 0.26 g/t Au, 1.1 g/t Ag, 745 ppm Cu. (Table III, Figure 11)

Sampling within basalt, gabbro, anorthosite and pyroxenite outside the main targeted zone revealed no anomalous values.

13. Drilling

No drilling has been performed on the Ariane property in the course of the present report.

14. Sampling method & Approach

Lithogeochemical samples were collected in the course of geological mapping transects, either from outcrops or boulders. A sample description and the site location, obtained from a handheld GPS, were noted on a pre-numbered sampling booklet provided by ALS Chemex Laboratories. Sample descriptions include lithology, structural measurements, mineralogy, mineralization and alteration. The sampling site was flagged and clearly marked in the field with the sample number for eventual future visits.

15. Sample Preparation, Analyses & Security

All rock samples were kept under lock until hand delivered for analysis to ALS Chemex in Val d'Or, Quebec.

Rock samples were prepared at ALS-Chemex laboratory in Val d'Or according to well established and secure protocol. The analytical methods favoured are as follows:

- ICP-AES for base metals and other elements of more general geochemical interest, following the Four-Acid "Near Total" Digestion Geochemical Procedure ME-ICP61(ALS Chemex internal code). Followed by Procedure Cu-OG62 for samples containing higher copper values.

- 30g fire assay and ICP-AES finish for precious elements gold platinum and palladium, using Geochemical Procedure PGM-ICP23 (ALS Chemex internal code)

ALS Chemex is a well-known reputable laboratory that meets international standards for geochemical analysis. The reader should refer to www.alsglobal.com/mineral site for more detail.

16. DATA VERIFICATION

For quality control purposes, commercial rock assay standards, duplicate field samples and sample blanks were added to submitted rock samples, Table IV. Further statistical verification will enable to assess the accuracy of the laboratory analysis.

Table IV : Standard materials submitted for analysis

						Variance to standard value	
Sample #	Material	Reference	Au ppm	Cu ppm	Cu %	Au ppm	Cu %
866016	Standard	Oreas 54 Pa	2.65	>10000	1.48	0.250	0.070
876400	Standard	Oreas 54 Pa	2.89	>10000	1.54	0.010	0.010
876201	Standard	Oreas 54 Pa	2.73	>10000	1.53	0.170	0.020
866038	Standard	Oreas 15 Pa	0.678			0.342	
876230	Standard	Oreas 15 Pa	1.035			0.015	
794496	Standard	Oreas 15 Pa	0.975			0.045	
876335	Standard	Oreas 18Pb	3.29			0.340	
876474	Standard	Oreas 18Pb	3.06			0.570	
876127	Standard	Oreas 18Pb	0.007			3.623	
876410	Standard	Oreas 50Pb	0.884	6730		0.043	0.071
876021	Standard	Oreas 50Pb	0.852	1		0.011	0.774
794383	Standard	Oreas 50Pb	0.786	6720		0.055	0.072
876447	Standard	Oreas 4Pb	0.045			0.004	
866027	Blank		0.004	5			
876343	Blank		0.002	-1			
876428	Blank		0.005	7			
876453	Blank		0.005	7			
794393	Blank		-0.001	1			

17. Adjacent Properties

A total of 20 claims are directly adjacent to the property, all of them are located north and in the northeast corner of the Ariane claim block. Land area south and west of the claims remain open for staking. Those 20 claims adjacent to the property are held by three (3) different companies or individuals: SOQUEM INC., NATIVE EXPLORATION SERVICES and SAM R. BOSUM and may be part of larger claim groups or properties operated by each of the previously mentioned companies or individuals. No information is available to the author on any exploration works currently being carried out on these claims.

18. Mineral Processing & Metallurgical Testing

No mineralogical processing nor metallurgical testing has been carried out on the Ariane property samples.

19. Mineral Resources & Mineral Reserve Estimates

No mineral resource nor mineral reserve estimates were performed using the Ariane property asssy results

20. Other Relevant Data & Information

The authors are not aware of any other relevant data or information concerning the present report.

21. CONCLUSION & DISCUSSION

Since 1949, the area of the Ariane property has seen several exploration programs: work included airborne and ground geophysical surveys, geochemical surveys, geological mapping, rock sampling and drilling.

In 2006, DIAGNOS used, its proprietary Computer Aided Resource Detection System (CARDS) to target the mineral potential of the Abitibi subprovince and generated targets covering several NTS map sheets in the Abitibi region. Copper and gold targets within areas cover by NTS map sheet 32G/06 and 32G/11 led to map staking of prospective ground, including claims of the Ariane property which were later optioned and transferred to MAXTECH.

In 2008, Abitibi Geophysique performed ground geophysical (IP, infiniTEM) surveys over selected areas previously identified by CARDS. The survey led to the recognition of new anomalies which were followed up by reconnaissance exploration programs.

Field exploration on the Ariane property conducted by DIAGNOS on behalf of MAXTECH, in the summer of 2008, consisted primarily of prospecting and rock sampling. A total of 220 mostly grab and channel rock samples from outcrop were collected and sent for assays.

Samples collected by during the 2008 field program, display the following assays :

4 samples above 0.1 ppm Au

18 samples above 1 000 ppm Cu

4 samples above 200 ppm Mo

6 samples above 150 ppm Co

23 samples above 12 % Fe

Copper-rich sulfide lenses, gold-copper veins and gold veins mineralization on the Ariane property occurs in E-W sheared horizons as well as N-S veins in the Lac Pauline area. Sheared horizons are 0.10m to ~1m wide and laterally extend over 300m.

The mineralization consists of variable amounts of Po, Py, and Cp occurring largely within the E-W shears in pyroxenite / pyroxenite-gabbro. Sulfides are generally semi-massive lenses near shear zones, more or less disseminated within mafic units; sulfide mineralization within quartz veins is more disseminated and occasionally occurs as centimetre size clasts.

Quartz veins and semi-massive sulfide lenses are the main host to the Au-Cu mineralization with grades varying from 0.1 ppm to 3.96 ppm Au, from 745 ppm to 8890 ppm Cu and from 1.1 ppm to 6.5 ppm Ag. Alteration associated with mineralization is primarily silicification, chloritization and hematisation.

The Ariane claims show great potential for Au & Cu mineralization based on historical and the 2008 results. The following points should also be taken into consideration:

- Lac Pauline area

In 1991-1993, Claims Simard carried out a trenching and sampling. The highest grading sample for copper is sample #37946 (3% Cu), and the highest grading sample for gold is sample # 37871 (2.2% Cu & 1.1 g/t Au) (Figure 5). (GM 51944, GM 55078)

Diamond drill holes date back to 1996 in Lac Pauline area.

There have never been drill holes in the main mineralized zone of Lac Pauline area, to evaluate the Au-Cu potential.

Only two (2) drill hole have been done in 1996 by Virginia, 350m east of the main mineralized zone in the Lac Pauline area. (MRNF: GM 55812, GM 55813)

Ground geophysical surveys date back to 1996 in the Lac Pauline area.

No work has been done on deeper penetrating ground geophysical surveys to better delineate mineralization at depth.

Within and outside the Ariane claim limits, little work has been done to find lateral along-strike extensions to mineralization or additional sub-parallel mineralized horizons.

Mineralization is commonly associated with N-S quartz veins and semi-massive sulfide lenses near sheared zones in pyroxenite-gabbro, and yet the extent and location of these quartz veins and semi-massive sulfide lenses units is very poorly defined within and outside the Ariane claims.

In view of these considerations, the Ariane property and surrounding region warrants additional work.

22. RECOMMENDATIONS

Although a first phase field exploration program on the Ariane property did reveal Au and Cu mineralization, the gold and copper potential of the property has not been fully evaluated.

Recommendations for a Phase 1 exploration program on the Ariane property are as follows:

PHASE 1
RECOMMENDED EXPLORATION WORK

	man/days - qty	Rate	Totals
Compilation of public data			
Digitalized historical drill holes logs	10	$ 550.00	$ 5,500.00
Locate anomalies and conductors from historical geophysics	10	$ 550.00	$ 5,500.00
Geological and structural models based on available information	5	$ 550.00	$ 2,750.00
			$ 13,750.00
Preliminary propspecting			
Geochemical sampling & delimiting ground survey lines	14	$ 550.00	$ 7,700.00
Assays (rock & soil samples)	100	$ 50.00	$ 5,000.00
			$ 12,700.00
Ground geophysical surveys			
Line cutting / re-opening (line/km)	100	$ 350.00	$ 35,000.00
IP survey (line/km)	100	$ 1,500.00	$ 150,000.00
EM survey (line/km)	100	$ 1,900.00	$ 190,000.00
			$ 375,000.00
Related expenses			
Transportation (trucks, gaz, ATV, snowmobiles)			$ 6,000.00
Housing (accomodation / meals)	28	$ 125.00	$ 3,500.00
Equipment			$ 2,500.00
			$ 12,000.00
Project management			
Detailed geochemical/structural/geophysical analysis	10	$ 550.00	$ 5,500.00
Delineation of location and orientation of potential drill targets	5	$ 550.00	$ 2,750.00
Management / reporting	7	$ 550.00	$ 3,850.00
			$ 12,100.00
Drilling			
Drilling program based on geochemichal and geophysical results	?		**TBA**
		TOTAL	**$ 425,550.00**

* All of the above costs are **ESTIMATED** and are subject to change

23. REFERENCES & BIBLIOGRAPHY

CHOWN, E.H., DAIGNEAULT, R., MUELLER, W., MORTENSEN, J.K., 1992; Tectonic evolution of the Northern Volcanic Zone, Abitibi belt, Québec, Canadian Journal of Earth Sciences; volume 29, pages 2211-2225.

CHOWN, E.H., DAIGNEAULT, R., MUELLER, W., 1990; Geological setting of the eastern extremity of the Abitibi belt, Litho-tectonic framework and associated mineralization of the eastern extremity of the Abitibi greenstone belt, in J. Guha, E.H. Chown et R. Daigneault, Geological Survey of Canada; Open File 2158, p. 1-32.

DION, C., SIMARD, M, 1999; Compilation et synthèse géologique et m.tallogénique du segment de Caopatina, region de Chibougamau, Ministère des Ressources naturelles, Québec; MB 99-33.

DUBÉ, B., GOSSELIN, P., 2007; Greenstone-hosted quartz-carbonate vein deposits, W.D., ed., Mineral Deposits of Canada: A Synthesis of Major Deposit-Types, District Metallogeny, the Evolution of geological provinces, and Exploration Methods; Geological Association of Canada, Mineral Deposits Division, Special Publication , No 5, p.49-73.

GOUTIER, J., MELANÇON, M., 2010; Compilation géologique de la Sous-Province de l'Abitibi, Ministère des Ressources naturelles, Québec; RP2010-04.

MIDRA, R., LAUZIERE, K., CHOWN, E.H., TAIT, L., 1993; Geologie du secteur du lac Doda (Feuillet 32G/06) bande Caopatina-Desmaraisville (sous-province de l'Abitibi), Ministère des Ressources naturelles, Québec; MB 93-12.

PILOTE, .P, DION, C., MORIN, R., 1996; Geologie et évolution métallogénique de la région de Chibougamau : des gîtes de type Cu-Au-Mo porphyriques aux gisements filoniens mesothermaux aurifères, Ministère des Ressources naturelles, Québec; MB 96-14.

PILOTE, P., GUHA, J., 1995; Metallogeny of the eastern extremity of the Abitibi belt, Metallogeny and geologic evolution of the Chibougamau mining area – from porphyry Cu-Au-Mo to mesothermal lode gold deposits, P. Pilote, Geologocal Survey of Canada; Open File 3143, p. 31-41.

TAIT, L., SHARMA, K.N.M., CHOWN, E.H., BARRETTE, J.P., 1990; Geologie de la région de du Guesclin – Rapport interimaire, Ministère des Ressources naturelles, Québec; MB 90-01.

Natural Resources Canada
http://cgc.rncan.gc.ca/mindep/synth_dep/gold/greenstone/tables/appendix1_e.php

Ministère des Ressources Naturelles du Québec (SIGEOM database)
http://sigeom.mrnf.gouv.qc.ca/signet/classes/I1102_index?l=f&entt=LG

LIST OF ASSESSMENT REPORTS ON THE ARIANE PROPERTY

GM 00565 - REPORT ON THE 1949 PROGRAM. 1949, Par FITZPATRICK, M M, HUDSON, A S. 8 pages. 4 cartes. 1 microfiche.

GM 05440 - 1 PLAN OF AIRBORNE MAG CONTOUR INCLUDING SKETCH OF CLAIMS LOCATION. 1957, Par HUTCHINSON, R W. 1 carte. 1 microfiche.

GM 05780 - REPORT ON AIRBORNE MAG AND E M SURVEYS. 1957, Par AEROMAGNETIC SURVEYS LTD, HUNTING TECHNICAL&EXPL SERVS L. 15 pages. 1 carte. 1 microfiche.

GM 06494 - DIAMOND DRILL RECORD. 1957, Par PHELAN, L G. 17 pages. 1 carte. 1 microfiche.

GM 05896 - GEOLOGICAL REPORT AND ASSAY RESULTS. 1957, Par REMICK, J H. 12 pages. 1 microfiche.

GM 32447 - REPORT ON ELECTROMAGNETIC SURVEY. 1976, Par FARQUHARSON, S C. 1 page. 1 carte. 1 microfiche.

GM 33993 - ELECTROMAGNETIC SURVEY, CLAIM GROUP GUERCHEVILLE TOWNSHIP. 1978, Par FARQUHARSON, S C. 1 page. 1 carte. 1 microfiche.

GM 35555 - REPORT ON ELECTROMAGNETIC SURVEY. 1979, Par FARQUHARSON, S C. 1 page. 1 carte. 1 microfiche.

GM 37580 - LEVES MAGNETOMETRIQUE ET DE TRES BASSE FREQUENCE (VLF), CANTON DU GUESCLIN. 1981, Par BELAND, G. 10 pages. 4 cartes. 2 microfiches.

GM 37715 - LEVES ELECTROMAGNETIQUE DE TRES BASSE FREQUENCE ET GEOLOGIQUE DU GUESCLIN III. 1981, Par BELAND, G. 8 pages. 2 cartes. 1 microfiche.

GM 39608 - RAPPORT DES TRAVAUX GEOLOGIQUES ET GEOPHYSIQUES EFFECTUES SUR LA PROPRIETE DU LAC FENTON DE JUIN A SEPTEMBRE 1982. 1982, Par BELAND, G, OTIS, M. 22 pages. 38 cartes. 8 microfiches.

GM 40470 - TRAVAUX EXECUTES SUR LA PROPRIETE DE FENTON. 1983, Par OTIS, M, BELAND, G. 14 pages. 15 cartes. 4 microfiches.

GM 40559 - RAPPORT DE TRAVAUX, LEVES GEOPHYSIQUES PRELIMINAIRES. 1983, Par CODA, R. 5 pages. 30 cartes. 7 microfiches.

GM 42292 - RAPPORT D'ACTIVITE 1984 (GEOLOGIE ET GEOPHYSIQUE), PROJET DODA, GROUPE BERTH-1, GROUPE CURE-2, GROUPE DROU-2, GROUPE GRAD-1. 1984, Par BRAULT, J. 32 pages. 39 cartes. 9 microfiches.

GM 46013 - PROGRAMME D'ECHANTILLONNAGE ET DE RECONNAISSANCE GEOLOGIQUE, PROJET DU GUESCLIN. 1987, Par MCCANN, A J. 20 pages. 1 carte. 1 microfiche.

GM 46200 - RESULTATS DES LEVES GEOPHYSIQUES AU SOL (EM-VLF ET MAG). 1987, Par BOILEAU, P. 9 pages. 3 cartes. 1 microfiche.

GM 46716 - PROPERTY EVALUATION REPORT, DU GUESCLIN PROPERTY. 1988, Par PATENAUDE, C. 23 pages. 1 microfiche.

GM 45867 - REPORT ON THE AIRBORNE GEOPHYSICAL SURVEY, EDWARD ROSENBAUM PROPERTY. 1987, Par CAMPBELL, R A. 9 pages. 1 carte. 1 microfiche.

GM 47663 - REPORT ON THE DETAILED TRENCHING AND SAMPLING PROGRAM, EDWARD ROSENBAUM PROPERTY. 1988, Par CAMPBELL, R A. 22 pages. 3 cartes. 1 microfiche.

GM 47664 - REPORT ON THE HORIZONTAL LOOP-ELECTROMAGNETIC, MAGNETIC AND GEOLOGICAL SURVEYS ON THE PROPERTY OF EDWARD ROSENBAUM. 1988, Par HENRIKSEN, G N. 25 pages. 3 cartes. 1 microfiche.

GM 48477 - REPORT ON THE COMBINED AIRBORNE MAGNETIC AND VLF-ELECTROMAGNETIC SURVEY. 1989, Par THAI, D M. 15 pages. 2 cartes. 1 microfiche.

DP-87-12 - GEOLOGIE DE LA REGION DE DU GUESCLIN - DISTRICT DE CHIBOUGAMAU. 1987, Par TAIT, L, CHOWN, E H. 2 CARTES /5F (ECHELLES 1/20 000 ET 1/50 000). 2 microfiches.

GM 50352 - REPORT ON THE DIAMOND DRILLING, MECHANICAL STRIPPING AND PROSPECTING, ROSENBAUM CLAIMS. 1990, Par GARVEY, R. 36 pages. 11 cartes. 2 microfiches.

GM 50551 - REPORT ON THE TOTAL FIELD MAGNETIC, VERTICAL GRADIENT MAGNETIC AND HORIZONTAL LOOP-ELECTROMAGNETIC SURVEYS, GROUPS 10 & 11 PROPERTY. 1991, Par CAMPBELL, R A. 25 pages. 10 cartes. 3 microfiches.

GM 51302 - REPORT ON THE PROSPECTING, MECHANICAL STRIPPING, MAPPING AND SAMPLING PROGRAMS, GROUP 9 AND 10A PROPERTIES. 1991, Par CAMPBELL, R A. 37 pages. 6 cartes. 2 microfiches.

GM 50446 - REPORT ON THE TOTAL FIELD MAGNETIC, VERTICAL GRADIENT MAGNETIC AND HORIZONTAL LOOP-ELECTROMAGNETIC SURVEYS, GROUP 9 PROPERTY. 1991, Par CAMPBELL, R A. 23 pages. 10 cartes. 3 microfiches.

GM 51944 - RAPPORT TECHNIQUE, PROPRIETE DU LAC PAULINE. 1991, Par SIMONEAU, P, GAUCHER, E. 15 pages. 1 carte. 1 microfiche.

GM 55078 - RAPPORT TECHNIQUE #2 , PROPRIETE LAC PAULINE. 1993, Par GAUCHER, E. 14 pages. 1 carte. 1 microfiche.

GM 52919 - DIAMOND DRILL RECORD, ROSENBAUM PROPERTY. 1995, Par CAMPBELL, R A. 27 pages. 2 cartes. 1 microfiche.

GM 55813 - RAPPORT SOMMAIRE SUR L'INTERPRETATION DE LEVES ELECTROMAGNETIQUES E.M.H. MAXMIN II, PROPRIETE LAC PAULINE. 1996, Par LAMBERT, G. 8 pages. 3 cartes. 1 microfiche.

GM 55812 - RAPPORT DES TRAVAUX DE FORAGE, PROPRIETE LAC PAULINE. 1996, Par SIMARD, P. 46 pages. 4 cartes. 2 microfiches.

GM 57987 - LEVE DE POLARISATION PROVOQUEE, PROPRIETE FENTON. 1999, Par PLANTE, L. 23 pages. 23 cartes. 3 microfiches.

GM 57977 - RAPPORT DES TRAVAUX DE FORAGE, AOUT 1999, PROPRIETE FENTON. 1999, Par CHENARD, D. 197 pages. 8 cartes. 7 microfiches.

GM 62522 - RAPPORT DE TRAVAUX STATUTAIRES, PROJET LEBEL-SUR-QUEVILLON / DESMARAISVILLE. 2006, Par BOUCHER, R. 507 pages.

GM 61780 - RAPPORT D'EXPLORATION 2003-2004, SECTEUR LAC SHORTT, PROPRIETE WACHIGABAU. 2005, Par FOLCO, P, D'AMBROISE, P. 32 pages.

GM 62536 - REPORT ON A HELICOPTER-BORNE TIME DOMAIN ELECTROMAGNETIC GEOPHYSICAL SURVEY. 2004, Par ORTA, M, DUMAS, I. 20 pages.

GM 59765 - RAPPORT DE QUALIFICATION, PROPRIETE WACHIGABAU, SECTEUR DE CHIBOUGAMAU. 2001, Par THEBERGE,D. 62 pages. 1 carte. 3 microfiches.

24. DATE AND SIGNATURE

Report Title: Technical Report on the Ariane Property

Signed in Montreal

This 18th of February 2011

André Ciesielski, P. Geo.
1777 Du Manoir Av.
Montreal, Qc, H2V 1B7

Tel : 514 544 9741

Certificates of Author

I, Andre Ciesielski, P. Geo. do hereby certify that :

I am a Canadian citizen, living at 1777 Du Manoir Av., Montreal, H2V 1B7, Qc, Canada ; telephone : 1 514 544 9741; e-mail : ancies@videotron.ca

I have a bachelor degree in geology from Université de Montréal (BSc. geol) a DEA and a Doctorat (3e) from "Université Pierre et Marie Curie" (Paris VI) (DEA, and DSc. geol).

I am a member of "L'Ordre des Géologues du Québec" under # 514.

I have worked as a geologist for a total of 30 years since my graduation from university. I have performed geological works and made numerous field trips in the Abitibi belt.

I have read the definition of "qualified person" set out in National Instrument 43-101 (NI 43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

I am responsible for the preparation of the report titled

"Technical Report on the Ariane Property ".

I have visited the property on August 18 and 19, 2010 to complete this report.

I have not had prior involvement with the property that is the subject of this Technical Report.

I am not aware of any material fact or material change with respect to the subject matter of this Technical Report that would make it misleading.

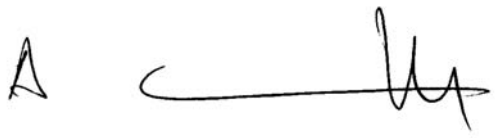
I am independent of the issuer applying all of the tests in Section 1.5 of National Instrument 43-101.

I have read National Instrument 43-101 and Form 43-101F1 and the technical Report has been prepared in compliance with that instrument and form.

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

This February 18th, 2011, André Ciesielski, P. Geo.

_____



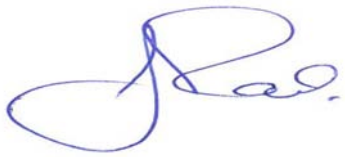
Certificate of Author

Report Title: Technical Report on the Ariane Property

I, Jean-Philippe Mai, residing in St-Bruno-de-Montarville, Québec, Canada do hereby certify that:

1. I am Project Manager with the firm of DIAGNOS inc. with an office at Suite 340, 7005, Taschereau Boulevard, Brossard, Québec, Canada;
2. I am a graduate of Université du Québec à Montréal (UQAM), Montréal, Québec with a B.Sc. in Geology in 2003. I have participated in exploration programs for gold, base metals and coal in Canada (Québec, Ontario), South America (Guyana), Australia and in the Dominican Republic.
3. I am a member in good standing of l'Ordre des Géologues du Québec (#1170).
4. I am an employee of and hold stocks options in DIAGNOS inc., vendor of the Ariane property claims and hence not independent of the issuer;
5. I am a co-author and have assisted in the preparation of this report, but I have not personally visited the project area;
6. The current report is based on compilation of historical data in the public domain carried out by employees of DIAGNOS inc. under my supervision using Exploration Best Practices Guidelines;
7. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and to any publication of the Technical Report by them for regulatory purposes, including electronic publication in the public company files or on their websites accessible by the public.

Dated February 18, 2011 Brossard, Québec, Canada



Jean-Philippe Mai B.Sc., P.Geo.

Certificate of Author

Report Title: Technical Report on the Ariane Property

I, Benoit Masse, residing in Brossard, Québec, Canada do hereby certify that:

1) I am a Geologist in Training with the firm of DIAGNOS inc. with an office at Suite 340, 7005, Taschereau Boulevard, Brossard, Québec, Canada;

2) I am a member in good standing of the Ordre des géologues du Québec (#1323) as a Geologist in Training (GIT).

3) I am a co-author of this report and have visited the Ariane property in July and August 2008.

Dated February 18, 2011 Brossard, Québec, Canada

Benoît Massé B.Sc., géo. stag. / GIT #1323

APPENDIX I

Title #	Area (Ha)	Type	Status	Incription Date	Expiry Date	Excess ($)	Holder
2060943	55.94	CDC	Actif	01/03/2007	28/02/2013	1075,48	Maxtech Ventures inc. (86696) 100 % (responsable)
2060944	55.94	CDC	Actif	01/03/2007	28/02/2013	1075,48	Maxtech Ventures inc. (86696) 100 % (responsable)
2060947	55.93	CDC	Actif	01/03/2007	28/02/2013	266,67	Maxtech Ventures inc. (86696) 100 % (responsable)
2060949	55.93	CDC	Actif	01/03/2007	28/02/2013	1075,48	Maxtech Ventures inc. (86696) 100 % (responsable)
2060950	55.93	CDC	Actif	01/03/2007	28/02/2013	954,04	Maxtech Ventures inc. (86696) 100 % (responsable)
2060952	55.93	CDC	Actif	01/03/2007	28/02/2013	12145,23	Maxtech Ventures inc. (86696) 100 % (responsable)
2060955	55.92	CDC	Actif	01/03/2007	28/02/2013	2154,04	Maxtech Ventures inc. (86696) 100 % (responsable)
2060956	55.92	CDC	Actif	01/03/2007	28/02/2013	5754,04	Maxtech Ventures inc. (86696) 100 % (responsable)
2060958	55.92	CDC	Actif	01/03/2007	28/02/2013	12145,23	Maxtech Ventures inc. (86696) 100 % (responsable)
2060961	55.92	CDC	Actif	01/03/2007	28/02/2013	4675,48	Maxtech Ventures inc. (86696) 100 % (responsable)
2060962	55.92	CDC	Actif	01/03/2007	28/02/2013	4675,47	Maxtech Ventures inc. (86696) 100 % (responsable)
2060964	55.91	CDC	Actif	01/03/2007	28/02/2013	16554,02	Maxtech Ventures inc. (86696) 100 % (responsable)
2060966	55.91	CDC	Actif	01/03/2007	28/02/2013	8545,21	Maxtech Ventures inc. (86696) 100 % (responsable)
2060968	55.9	CDC	Actif	01/03/2007	28/02/2013	4554,03	Maxtech Ventures inc. (86696) 100 % (responsable)
2060970	55.9	CDC	Actif	01/03/2007	28/02/2013	12145,21	Maxtech Ventures inc. (86696) 100 % (responsable)
2160482	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160483	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160484	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160485	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160486	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160487	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160488	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160489	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160490	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160491	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160492	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160493	55.95	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160494	55.94	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160495	55.94	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160496	55.94	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160497	55.94	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160498	55.94	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160499	55.94	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160500	55.93	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160501	55.93	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160502	55.93	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160503	55.93	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
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2160505	55.93	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160506	55.92	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)

Title #	Area (Ha)	Type	Status	Incription Date	Expiry Date	Excess ($)	Holder
2160507	55.92	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160508	55.92	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160509	55.92	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160510	55.92	CDC	Actif	11/06/2008	10/06/2012	808,81	Maxtech Ventures inc. (86696) 100 % (responsable)
2160511	55.92	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160512	55.92	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160513	55.92	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160514	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160515	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160516	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160517	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160518	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
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2160521	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160522	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160523	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160524	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160525	55.91	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
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2160528	55.9	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160529	55.9	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160530	55.9	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160531	55.9	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160532	55.9	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160533	55.89	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160534	55.89	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
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2160536	55.89	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2160537	55.89	CDC	Actif	11/06/2008	10/06/2012	1839,29	Maxtech Ventures inc. (86696) 100 % (responsable)
2160538	55.89	CDC	Actif	11/06/2008	10/06/2012	1839,29	Maxtech Ventures inc. (86696) 100 % (responsable)
2160539	55.89	CDC	Actif	11/06/2008	10/06/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2165580	55.94	CDC	Actif	11/07/2008	10/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167837	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167838	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
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2167840	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167841	55.94	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
2167842	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167843	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)

Title #	Area (Ha)	Type	Status	Incription Date	Expiry Date	Excess ($)	Holder
2167844	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167845	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167846	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167847	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167848	55.94	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167849	55.93	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167850	55.93	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
2167851	55.93	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
2167852	55.93	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
2167853	55.93	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167854	55.93	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167855	55.93	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
2167856	55.93	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
2167857	55.93	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
2167858	55.93	CDC	Actif	28/07/2008	27/07/2012	808,82	Maxtech Ventures inc. (86696) 100 % (responsable)
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2167860	55.93	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167861	55.92	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167862	55.92	CDC	Actif	28/07/2008	27/07/2012	808,81	Maxtech Ventures inc. (86696) 100 % (responsable)
2167863	55.92	CDC	Actif	28/07/2008	27/07/2012	808,81	Maxtech Ventures inc. (86696) 100 % (responsable)
2167864	55.92	CDC	Actif	28/07/2008	27/07/2012	808,81	Maxtech Ventures inc. (86696) 100 % (responsable)
2167865	55.92	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167866	55.92	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167867	55.92	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167868	55.92	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167869	55.92	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)
2167870	55.92	CDC	Actif	28/07/2008	27/07/2012	$ -	Maxtech Ventures inc. (86696) 100 % (responsable)

APPENDIX II

Ariane claim Block

Report: number	Year	Company	Report: title	Geology	Geophysics	Drilling	Sampling	Result highlights	Notes
GM00565	1949	AMERICAN METAL CO LTD, COMINCO LTEE, KENNEX LTD	REPORT ON THE 1949 PROGRAM	Geological mapping and sampling					
GM05440	1957	AMERICAN METAL CO LTD	1 PLAN OF AIRBORNE MAG CONTOUR INCLUDING SKETCH OF CLAIMS LOCATION		Airborne MAG survey				
GM05780	1957	BORDULAC MINES LTD, CLAIMS FERGUS, CLAIMS ROUSSEAU, CLAIMS SMITH, CLAIMS SWEENY, QUEBELLE MINES LTD	REPORT ON AIRBORNE MAG AND E M SURVEYS	Geological mapping	Airborne E M and Mag surveys				
GM06494	1957	BORDULAC MINES LTD	DIAMOND DRILL RECORD			DDH: 1-14			There are no assay results in this report
GM05896	1957	BORDULAC MINES LTD	GEOLOGICAL REPORT AND ASSAY RESULTS						
GM32447	1976	ROCK CITY EXPLS LTD, TWENTIETH CENTURY EXPLS LTD	REPORT ON ELECTROMAGNETIC SURVEY		Ground E M survey				
GM33993	1978	ROCK CITY EXPLS LTD, TWENTIETH CENTURY EXPLS LTD	ELECTROMAGNETIC SURVEY, CLAIM GROUP GUERCHEVILLE TOWNSHIP		Ground E M survey				
GM35555	1979	MINEFINDERS CORP LTD, TWENTIETH CENTURY EXPLS LTD	REPORT ON ELECTROMAGNETIC SURVEY		Ground E M survey				
GM37580	1981	S D B J	LEVES MAGNETOMETRIQUE ET DE TRES BASSE FREQUENCE (VLF), CANTON DU GUESCLIN		Ground MAG and VLF surveys				3 MAG anomalies and 3 conductors are identified (SDBJ property DG1 and DG2)
GM37715	1981	S D B J	LEVES ELECTROMAGNETIQUE DE TRES BASSE FREQUENCE ET GEOLOGIQUE DU GUESCLIN III	Geological mapping	Ground VLF survey				4 conductors are identified (SDBJ property DG3)
GM39608	1982	S D B J	RAPPORT DES TRAVAUX GEOLOGIQUES ET GEOPHYSIQUES EFFECTUES SUR LA PROPRIETE DU LAC FENTON DE JUIN A SEPTEMBRE 1982	Geological mapping	Ground MAG and VLF surveys				1 MAG anomaly is idendified (SDBJ property 82-C)
GM40470	1983	S D B J	TRAVAUX EXECUTES SUR LA PROPRIETE DE FENTON	Geological mapping	Ground MAG and VLF surveys				4 conductors are identified (SDBJ property 83-A)
GM40559	1983	MINES CAMCHIB INC	RAPPORT DE TRAVAUX, LEVES GEOPHYSIQUES PRELIMINAIRES		Ground MAG and VLF surveys				7 conductors (three first priority and 4 second priority) and one MAG anomaly
GM42292	1984	MINES CAMCHIB INC	RAPPORT D'ACTIVITE 1984 (GEOLOGIE ET GEOPHYSIQUE), PROJET DODA, GROUPE BERTH-1, GROUPE CURE-2, GROUPE DROU-2, GROUPE GRAD-1		Ground MAG and EM surveys				1 conductor is identified (Mines Camchib property DROU-2)
DP-87-12	1987	MRN	GEOLOGIE DE LA REGION DE DU GUESCLIN - DISTRICT DE CHIBOUGAMAU	Geological mapping and sampling				Gab samples: 3.6 g/t Au 3.9 g/t Au	The grab samples were taken on the east side of the Opiwaca river immediatly north of Lac Du Guesclin

Ariane claim Block

Report: number	Year	Company	Report: title	Geology	Geophysics	Drilling	Sampling	Result highlights	Notes
GM46013	1987	SOQUEM	PROGRAMME D'ECHANTILLONNAGE ET DE RECONNAISSANCE GEOLOGIQUE, PROJET DU GUESCLIN	Geological mapping and sampling			Grab samples: 121201-121437		
GM46200	1987	ECODIR INC	RESULTATS DES LEVES GEOPHYSIQUES AU SOL (EM-VLF ET MAG)		Ground MAG and VLF surveys				
GM46716	1988	ECODIR INC	PROPERTY EVALUATION REPORT, DU GUESCLIN PROPERTY	Technical evaluation					
GM45867	1987	CLAIMS GALLAHAN, CLAIMS ROSENBAUM	REPORT ON THE AIRBORNE GEOPHYSICAL SURVEY, EDWARD ROSENBAUM PROPERTY		Airborne MAG survey				
GM47664	1988	CLAIMS CALLAHAN	REPORT ON THE HORIZONTAL LOOP-ELECTROMAGNETIC, MAGNETIC AND GEOLOGICAL SURVEYS ON THE PROPERTY OF EDWARD ROSENBAUM	Geological Mapping and sampling	Ground MAG and E M H survey		Grab samples: 2801-2824, 2843-2847, 2871-2875	2847: 2.35% Cu & 5.1 g/t Au 2809: 5.78 g/t Au	Rosenbaum Property is partly on the Ariane claim block and partly on Margaret Nealon claims outcrop 1,2,4 and 5 are located on the Ariane claims, outcrop 3 is located on the Margaret Nealon claims.
GM47663	1988	CLAIMS CALLAHAN	REPORT ON THE DETAILED TRENCHING AND SAMPLING PROGRAM, EDWARD ROSENBAUM PROPERTY	Geological mapping and sampling			Grab samples: 2309-2312, 2322-2336	2326: 3.3% Cu 2328: 8.84 g/t Au 2329: 10.88 g/t Au 2335: 11.9 g/t Au	Rosenbaum Property is partly on the Ariane claim block and partly on Margaret Nealon claims outcrop 1,2,4 and 5 are located on the Ariane claims, outcrop 3 is located on the Margaret Nealon claims.
GM48477	1989	CLAIMS FERDERBER, CLAIMS MONASTESSE, CLAIMS ROSENBAUM	REPORT ON THE COMBINED AIRBORNE MAGNETIC AND VLF ELECTROMAGNETIC SURVEY		Airborne VLF and MAG surveys				
GM50352	1990	CLAIMS CHOUINARD, CLAIMS ROSENBAUM	REPORT ON THE DIAMOND DRILLING, MECHANICAL STRIPPING AND PROSPECTING, ROSENBAUM CLAIMS	Geological Mapping and sampling		DDH: ROS-90-1 to ROS-90-3, ROS-90-10	Grab samples: 7707, 7672-7683, 7654-7659	Core samples : DDH ROS-90-1: 0.17 g/t Au Grab samples: 7672: 0.24 g/t Au 7682: 0.18% Ni	
GM51302	1991	CLAIMS ROSENBAUM	REPORT ON THE PROSPECTING, MECHANICAL STRIPPING, MAPPING AND SAMPLING PROGRAMS, GROUP 9 AND 10A PROPERTIES	Geological mapping and sampling			Grab samples: #0675, #7951-7952, #3321-3341	sample # 3337: 0.34 g/t Au & 2.25% Cu	
GM50551	1991	CLAIMS ROSENBAUM	REPORT ON THE TOTAL FIELD MAGNETIC, VERTICAL GRADIENT MAGNETIC AND HORIZONTAL LOOP ELECTROMAGNETIC SURVEYS, GROUPS 10 & 11 PROPERTY		Ground MAG, gradiometric and E M H survey				

Ariane claim Block

Report: number	Year	Company	Report: title	Geology	Geophysics	Drilling	Sampling	Result highlights	Notes
GM50446	1991	CLAIMS ROSENBAUM	REPORT ON THE TOTAL FIELD MAGNETIC, VERTICAL GRADIENT MAGNETIC AND HORIZONTAL LOOP ELECTROMAGNETIC SURVEYS, GROUP 9 PROPERTY		Ground MAG, gradiometric and E M H survey				
GM51944	1991	CLAIMS SIMARD	RAPPORT TECHNIQUE, PROPRIETE DU LAC PAULINE	Geological Mapping and sampling	Beep mat		Grab samples: 37901-37965, 40787-40800	37946: 3% Cu 37955:1.4%Cu 37964:2.8% Cu 40788: 0.27 g/t Au	
GM55078	1993	CLAIMS SIMARD	RAPPORT TECHNIQUE #2 , PROPRIETE LAC PAULINE	Geological Mapping and sampling			samples : EG93081001, EG93081501, EG9310061, 37851-37897, 47714-47715, 50034-50050	37860: 1.9% Cu 37871: 2.2% Cu & 1.1 g/t Au 37872: 1.25% Cu & 0.85 g/t Au 37897: 0.28% Cu & 0.18% Ni	
GM52919	1995	CLAIMS ROSENBAUM	DIAMOND DRILL RECORD, ROSENBAUM PROPERTY			DDH: R-9-1, R-9-2 and R-9-3		DDH R-9-2 : 0.78g/t Au /0.6m DDH R-9-3: 5,75 g/t Au & 4.16% Zn /1m 2.38 g/t Au /0.6m 0.47 g/t Au & 0,63% Cu /0.3m	
GM55813	1996	MINES D'OR VIRGINIA INC	RAPPORT SOMMAIRE SUR L'INTERPRETATION DE LEVES ELECTROMAGNETIQUES E.M.H. MAXMIN II, PROPRIETE LAC PAULINE		Ground E M H survey				
GM55812	1996	MINES D'OR VIRGINIA INC	RAPPORT DES TRAVAUX DE FORAGE, PROPRIETE LAC PAULINE			DDH: LP-96-01 and LP-96-02	core samples: 599051-599091		
GM57987	1999	SOCIETE DE DEVELOPPEMENT DE LA BAIE JAMES	LEVE DE POLARISATION PROVOQUEE, PROPRIETE FENTON		P P survey				
GM57977	1999	S D B J	RAPPORT DES TRAVAUX DE FORAGE, AOUT 1999, PROPRIETE FENTON			DDH: FE99-26		0.41 g/t Au / 0.7m	
GM59765	2001	SOQUEM INC	RAPPORT DE QUALIFICATION, PROPRIETE WACHIGABAU, SECTEUR DE CHIBOUGAMAU	Geological Mapping and sampling			samples: 192301-192472		highest copper value, sample #192311: 2139 ppm Cu PGE assays: no good values were obtained
GM62536	2004	FALCONBRIDGE LTEE	REPORT ON A HELICOPTER-BORNE TIME DOMAIN ELECTROMAGNETIC GEOPHYSICAL SURVEY		Airborne E M and MAG surveys				
GM61780	2005	SOQUEM	RAPPORT D'EXPLORATION 2003-2004, SECTEUR LAC SHORTT, PROPRIETE WACHIGABAU	Geological Mapping and sampling			samples: 22801-22814		highest copper value, sample # 22813: 3736 ppm Cu PGE assays: no good values were obtained
GM62522	2006	FALCONBRIDGE LTEE	RAPPORT DE TRAVAUX STATUTAIRES, PROJET LEBEL-SUR-QUEVILLON / DESMARAISVILLE		airborne VTEM survey				a VTEM survey was conducted on property Du Guesclin-A-04-01, in order to survey MEGATEM target DUG-101. However, afterwards, the property was not chosen for drilling.

APPENDIX III

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	Au ppm PGM-ICP23	Pt ppm PGM-ICP23	Pd ppm PGM-ICP23	Ag ppm ME-ICP61	Al % ME-ICP61	As ppm ME-ICP61	Ba ppm ME-ICP61	Be ppm ME-ICP61	Bi ppm ME-ICP61	Ca % ME-ICP61	Cd ppm ME-ICP61	Co ppm ME-ICP61	Cr ppm ME-ICP61	Cu ppm ME-ICP61	Fe % ME-ICP61	Ga ppm ME-ICP61
466052	5481025	866001	TB08127354	0.013	0.005	0.004	-0.5	4.4	-5	10	-0.5	2	4.04	-0.5	38	92	485	8.2	10
466053	5481023	866002	TB08127354	0.008	-0.005	-0.001	-0.5	7.17	-5	10	0.5	2	6.55	-0.5	37	105	375	10.4	20
466053	5481023	866003	TB08127354	0.027	-0.005	0.001	-0.5	7.15	-5	10	-0.5	-2	8.13	-0.5	38	137	175	9.43	20
469520	5480862	866004	TB08127354	0.001	-0.005	-0.001	-0.5	2.01	-5	10	-0.5	2	0.76	-0.5	20	26	56	4.7	10
469525	5480867	866005	TB08127354	0.01	-0.005	0.002	-0.5	5.44	-5	10	-0.5	3	2.24	-0.5	103	161	474	9.51	10
469485	5480867	866006	TB08127354	0.003	-0.005	-0.001	-0.5	0.23	-5	-10	-0.5	-2	0.23	-0.5	6	20	33	0.97	-10
476601	5483661	866007	TB08127354	0.003	-0.005	-0.001	-0.5	6.7	-5	230	-0.5	-2	5.53	-0.5	43	45	94	11.85	20
476603	5483658	866008	TB08127354	0.004	-0.005	0.001	-0.5	7.09	11	220	-0.5	-2	6.44	-0.5	41	127	183	9.44	20
476608	5483654	866009	TB08127354	0.002	-0.005	0.001	-0.5	7.61	6	150	0.5	-2	5.39	-0.5	48	122	100	9.93	20
476603	5483655	866010	TB08127354	0.004	-0.005	0.002	-0.5	7.59	-5	200	-0.5	-2	4.36	-0.5	47	135	82	10.25	20
476598	5483656	866011	TB08127354	0.001	-0.005	0.001	-0.5	7.49	-5	270	-0.5	-2	6.35	-0.5	41	118	51	9.29	20
476604	5483657	866012	TB08127354	0.004	-0.005	0.001	-0.5	7.34	-5	280	-0.5	-2	5.09	-0.5	44	220	122	9.85	20
476605	5483658	866013	TB08127354	0.005	-0.005	0.007	-0.5	7.44	-5	240	-0.5	-2	5.32	-0.5	44	110	116	10.15	20
476498	5483708	866014	TB08127354	0.003	-0.005	-0.001	-0.5	6.83	8	10	-0.5	-2	5.88	-0.5	42	148	118	9.56	20
476481	5483723	866015	TB08127354	0.005	-0.005	0.001	-0.5	6.84	-5	10	0.5	3	6.51	-0.5	41	129	81	9.67	20
lard: Oreas 54 Pa		866016	TB08127354	2.65	-0.005	0.04	4.6	6.35	9	510	1	17	1.73	-0.5	19	30	>10000	7.44	10
476330	5483276	866017	TB08127354	0.006	-0.005	-0.001	-0.5	7.4	-5	290	0.7	-2	1.07	-0.5	5	6	13	1.19	20
476391	5483221	866018	TB08127354	0.003	-0.005	-0.001	-0.5	6.92	-5	270	0.7	-2	1.56	-0.5	6	7	4	1.31	20
476383	5483169	866019	TB08127354	0.003	-0.005	0.001	-0.5	4.78	-5	220	-0.5	-2	2.48	-0.5	3	10	3	1.02	10
476380	5483176	866020	TB08127354	0.006	-0.005	-0.001	-0.5	5.3	-5	190	0.5	-2	3.37	-0.5	4	10	2	1.12	10
476607	5483833	866021	TB08127354	0.004	-0.005	0.001	-0.5	7.57	-5	10	-0.5	-2	5.65	-0.5	52	206	90	7.53	10
476610	5483832	866022	TB08127354	0.002	-0.005	0.001	-0.5	8.17	-5	10	-0.5	-2	6.86	-0.5	51	200	88	9.61	20
476645	5483767	866023	TB08127354	0.005	-0.005	-0.001	-0.5	7.05	-5	80	-0.5	-2	6.7	-0.5	34	109	46	9.1	20
476643	5483762	866024	TB08127354	0.004	-0.005	-0.001	-0.5	6.72	5	880	-0.5	-2	4.43	-0.5	37	109	8	9.18	10
476639	5483760	866025	TB08127354	0.009	-0.005	0.001	-0.5	6.72	8	260	-0.5	-2	5.49	-0.5	30	88	27	8.09	20
466131	5480984	866026	TB08127354	0.01	-0.005	0.001	0.5	1.6	5	20	-0.5	-2	0.79	-0.5	91	14	682	6.74	10
BLANK		866027	TB08127354	0.004	-0.005	-0.001	-0.5	0.09	-5	20	-0.5	-2	31	-0.5	1	2	5	0.16	-10
466135	5480990	866028	TB08127354	0.02	-0.005	0.001	1.2	5.91	-5	-10	-0.5	-2	3.72	-0.5	84	5	2870	14.85	20
466135	5480988	866029	TB08127354	0.023	-0.005	-0.001	-0.5	1.49	-5	10	-0.5	-2	1.22	-0.5	28	18	885	4.38	10
466134	5480986	866030	TB08127354	0.009	-0.005	0.001	-0.5	8.24	5	40	-0.5	-2	4.28	-0.5	28	28	171	6.95	20
466132	5480986	866031	TB08127354	0.006	-0.005	-0.001	-0.5	1.02	-5	20	-0.5	-2	0.48	-0.5	14	13	46	2.69	-10
466134	5480983	866032	TB08127354	0.046	-0.005	0.001	0.5	1.97	19	30	-0.5	2	0.59	-0.5	151	6	703	10.15	10
466134	5480983	866033	TB08127354	0.025	-0.005	0.002	-0.5	6.66	-5	20	-0.5	4	2.37	-0.5	63	28	309	12	50
465997	5481039	866034	TB08127354	0.019	-0.005	0.001	-0.5	9.61	-5	80	-0.5	-2	6.35	-0.5	36	31	984	6	20
465631	5481142	866035	TB08127354	0.005	-0.005	0.001	-0.5	9.13	-5	50	-0.5	-2	7.48	-0.5	29	71	345	5.82	20
lard: Oreas 15 Pa		866038	TB08127354	0.678	-0.005	0.001	-0.5	7.07	1510	230	0.9	2	5.42	-0.5	38	174	65	7.51	20
472497	5479799	876131	TB08127354	0.003	-0.005	-0.001	-0.5	6.94	-5	70	-0.5	2	6.14	-0.5	44	89	111	8.61	20
472497	5479874	876132	TB08127354	0.001	-0.005	0.001	-0.5	7.21	-5	40	-0.5	-2	10.1	-0.5	22	102	37	8.18	30
472480	5479898	876133	TB08127353	0.002	-0.005	0.001	-0.5	6.85	-5	60	-0.5	-2	5.96	-0.5	40	91	58	9	20
472212	5479529	876134	TB08127353	0.001	-0.005	0.001	-0.5	7.36	-5	280	0.7	-2	4.82	-0.5	35	80	50	6.96	20
472349	5479805	876135	TB08127353	0.001	-0.005	-0.001	-0.5	7.39	-5	310	0.7	-2	5.18	-0.5	31	91	37	6.31	20
474803	5481489	876136	TB08127353	0.002	-0.005	0.001	-0.5	6.51	-5	10	0.5	2	4.09	-0.5	28	73	9	8.23	20
474803	5481494	876137	TB08127353	0.002	-0.005	0.001	-0.5	6.79	-5	10	0.6	-2	4.8	-0.5	33	69	28	9.12	20
475389	5481750	876138	TB08127353	0.002	-0.005	-0.001	-0.5	5.8	-5	10	-0.5	4	5.78	-0.5	18	36	11	8.26	20
475389	5481750	876139	TB08127353	0.002	-0.005	0.001	-0.5	6.06	-5	10	-0.5	5	1.86	-0.5	33	43	68	11.45	20
474674	5481474	876140	TB08127353	0.001	-0.005	0.001	-0.5	6.74	-5	10	0.5	-2	4.45	-0.5	40	81	18	10.8	20
465627	5481201	876141	TB08127353	0.002	-0.005	0.003	-0.5	8.22	-5	50	0.8	2	6.82	-0.5	30	328	3	5.35	10
465647	5481159	876142	TB08127353	0.001	-0.005	-0.001	-0.5	9.79	-5	30	-0.5	-2	7.9	-0.5	33	10	51	5.31	20
465582	5481045	876143	TB08127353	0.001	-0.005	-0.001	-0.5	10.15	-5	40	-0.5	2	8.46	-0.5	36	64	68	7.2	20
465579	5480895	876144	TB08127353	0.002	-0.005	-0.001	-0.5	7.35	-5	10	0.5	-2	4.43	-0.5	37	67	38	10.25	20
465576	5480894	876145	TB08127353	0.002	-0.005	0.001	-0.5	2.2	-5	10	-0.5	-2	1.39	-0.5	7	19	17	4.68	10
465611	5481114	876146	TB08127353	0.002	-0.005	-0.001	-0.5	10.2	-5	80	-0.5	-2	8.69	-0.5	23	62	47	4.21	20
465614	5481031	876147	TB08127353	0.003	-0.005	0.001	-0.5	10.3	-5	70	-0.5	-2	7.51	-0.5	27	16	182	6.11	20
465636	5481016	876148	TB08127353	-0.001	-0.005	0.003	-0.5	7.79	-5	70	0.6	-2	4.51	-0.5	41	362	16	7.37	20
465709	5481036	876149	TB08127353	0.003	-0.005	0.001	-0.5	7.96	-5	20	-0.5	-2	6.74	-0.5	36	18	338	9.65	20
465708	5481037	876150	TB08127353	0.002	-0.005	0.001	-0.5	9.25	-5	40	-0.5	2	6.85	-0.5	43	30	220	8.43	20
465474	5481166	876204	TB08127353	0.003	-0.005	0.001	-0.5	10	-5	100	-0.5	2	7.89	-0.5	46	23	230	5.79	20
465474	5481168	876205	TB08127353	0.003	-0.005	0.001	-0.5	9.2	5	90	-0.5	-2	6.6	-0.5	43	122	214	5.55	10
465487	5481180	876206	TB08127353	0.001	-0.005	-0.001	-0.5	10.05	-5	20	-0.5	-2	8.06	-0.5	28	18	94	5.29	20
465488	5481177	876207	TB08127353	0.001	-0.005	-0.001	-0.5	9.79	-5	20	-0.5	-2	7.8	-0.5	32	10	132	5.46	20

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	Au ppm PGM-ICP23	Pt ppm PGM-ICP23	Pd ppm PGM-ICP23	Ag ppm ME-ICP61	Al % ME-ICP61	As ppm ME-ICP61	Ba ppm ME-ICP61	Be ppm ME-ICP61	Bi ppm ME-ICP61	Ca % ME-ICP61	Cd ppm ME-ICP61	Co ppm ME-ICP61	Cr ppm ME-ICP61	Cu ppm ME-ICP61	Fe % ME-ICP61	Ga ppm ME-ICP61
465490	5481176	876208	TB08127353	0.003	-0.005	0.001	-0.5	9.93	-5	30	-0.5	-2	7.88	-0.5	22	37	169	5.29	20
465821	5481105	876209	TB08127353	0.004	-0.005	0.001	-0.5	9.95	-5	40	-0.5	-2	7.65	-0.5	34	21	107	6.48	20
465822	5481105	876210	TB08127353	0.003	-0.005	0.001	-0.5	9.74	-5	40	-0.5	-2	7.88	-0.5	31	8	109	6.1	20
465822	5481121	876211	TB08127353	0.016	-0.005	0.001	-0.5	8.91	-5	50	-0.5	-2	5.11	-0.5	70	35	198	8.1	20
465828	5481123	876212	TB08127353	0.005	-0.005	0.001	-0.5	10	5	20	-0.5	-2	7.89	-0.5	47	46	228	5.95	20
465889	5481167	876213	TB08127353	0.002	-0.005	-0.001	-0.5	5.32	-5	20	-0.5	-2	3.67	-0.5	10	41	141	2.55	10
465886	5481168	876214	TB08127353	0.002	-0.005	0.001	-0.5	5.73	-5	-10	-0.5	-2	3.79	-0.5	44	23	90	4.4	10
465883	5481357	876215	TB08127353	0.003	-0.005	-0.001	-0.5	9.55	-5	190	-0.5	-2	5.38	-0.5	20	34	47	4.25	20
465855	5481365	876216	TB08127353	0.002	-0.005	-0.001	-0.5	9.15	-5	70	-0.5	-2	8.81	-0.5	17	62	60	2.48	20
466157	5481264	876217	TB08127353	0.005	-0.005	-0.001	-0.5	8.7	-5	40	-0.5	-2	6.05	-0.5	32	6	127	5.45	20
466157	5481253	876218	TB08127353	0.011	-0.005	-0.001	-0.5	6.02	-5	-10	-0.5	4	5.68	-0.5	130	7	416	9.66	10
466157	5481253	876219	TB08127353	0.009	-0.005	0.001	-0.5	5.71	-5	10	-0.5	2	2.12	-0.5	122	27	316	10.75	10
466141	5481226	876220	TB08127353	0.001	-0.005	-0.001	-0.5	4.05	-5	10	-0.5	3	4.12	-0.5	20	2550	31	33.8	40
466141	5481226	876221	TB08127353	0.002	-0.005	-0.001	-0.5	4.26	-5	10	-0.5	-2	4.18	-0.5	17	2940	122	33	40
466052	5481123	876222	TB08127353	0.002	-0.005	-0.001	-0.5	8.43	-5	50	-0.5	-2	8.98	-0.5	11	55	36	2.87	20
466061	5481205	876223	TB08127353	0.002	-0.005	0.002	-0.5	8.55	-5	30	-0.5	-2	8.2	-0.5	19	62	90	3.13	20
466068	5481332	876224	TB08127353	0.002	-0.005	0.001	-0.5	7.89	-5	50	-0.5	2	8.33	-0.5	17	198	10	6.32	20
468609	5481038	876225	TB08127353	0.001	-0.005	-0.001	-0.5	7.16	-5	10	-0.5	-2	4.42	-0.5	34	61	99	9.11	20
468631	5481061	876226	TB08127353	0.006	-0.005	0.001	-0.5	6.36	-5	30	-0.5	-2	4.44	-0.5	58	36	229	10.2	20
469779	5490782	876227	TB08127353	0.013	-0.005	0.001	-0.5	4.71	-5	120	-0.5	-2	1.84	-0.5	7	29	24	1.74	10
469861	5490784	876228	TB08127353	0.017	-0.005	0.001	-0.5	1.01	9	20	-0.5	2	0.62	-0.5	92	16	107	4.73	-10
469859	5490782	876229	TB08127353	0.006	-0.005	-0.001	-0.5	4.03	7	10	-0.5	2	0.98	-0.5	38	8	144	10.6	20
Standard: 15Pa		876230	TB08127353	1.035	-0.005	0.002	-0.5	6.89	1615	250	0.9	-2	5.37	-0.5	39	181	59	7.66	20
475545	5481840	876326	TB08127353	0.002	-0.005	0.001	-0.5	0.29	-5	20	-0.5	-2	0.03	-0.5	1	16	-1	0.33	-10
475545	5481840	876327	TB08127353	0.002	-0.005	-0.001	-0.5	7.02	-5	490	0.6	-2	0.71	-0.5	3	8	-1	0.99	20
475671	5481780	876328	TB08127353	0.003	-0.005	0.001	-0.5	7.04	-5	10	0.5	2	4.49	-0.5	33	93	149	8.99	20
475710	5481825	876329	TB08127353	0.002	-0.005	-0.001	-0.5	7	-5	210	0.8	-2	1.17	-0.5	5	8	35	1.41	20
475754	5481825	876330	TB08127353	0.004	-0.005	0.003	-0.5	7.44	-5	10	0.6	-2	5.49	-0.5	31	89	179	8.44	20
475799	5481841	876331	TB08127353	0.003	-0.005	0.001	-0.5	8.04	-5	10	0.6	-2	5.78	-0.5	38	104	64	9.83	20
476272	5482025	876332	TB08127353	0.003	-0.005	-0.001	-0.5	7.32	-5	310	0.8	-2	0.33	-0.5	4	5	3	1.64	20
476446	5482267	876333	TB08127353	0.263	-0.005	-0.001	1.1	5.52	-5	230	0.6	4	0.89	-0.5	8	10	745	1.81	10
476423	5482253	876334	TB08127353	0.211	-0.005	0.001	1.3	5.63	-5	240	0.6	3	0.91	-0.5	8	12	786	1.83	10
Standard: Oreas 18Pb		876335	TB08127353	3.29	-0.005	0.002	0.7	6.16	5940	240	0.9	-2	4.66	-0.5	36	163	96	8.57	10
476396	5482240	876336	TB08127353	0.005	-0.005	-0.001	-0.5	1.04	9	10	-0.5	2	0.1	-0.5	2	18	27	0.58	-10
466494	5481037	876337	TB08127353	0.009	-0.005	0.001	-0.5	6.82	-5	20	-0.5	2	7.06	-0.5	31	120	159	8.8	20
466282	5481214	876338	TB08127353	0.002	-0.005	-0.001	-0.5	8.63	-5	20	-0.5	-2	8.3	-0.5	36	121	72	6.64	20
466284	5481217	876339	TB08127353	0.002	-0.005	-0.001	-0.5	6.43	-5	10	-0.5	-2	8.06	-0.5	43	134	82	10.1	20
466280	5481213	876340	TB08127353	0.003	-0.005	0.001	-0.5	8.48	-5	10	-0.5	-2	7.2	-0.5	56	8	100	6.57	20
466298	5481232	876341	TB08127353	0.004	-0.005	-0.001	-0.5	8.95	-5	20	-0.5	-2	8.26	-0.5	25	26	124	3.6	20
466350	5481176	876342	TB08127353	0.004	-0.005	-0.001	-0.5	8.44	-5	30	-0.5	-2	7.21	-0.5	27	14	111	3.66	20
BLANK		876343	TB08127353	0.002	-0.005	-0.001	-0.5	0.25	-5	30	-0.5	-2	29.8	-0.5	2	1	-1	0.16	-10
466385	5481150	876344	TB08127353	0.005	-0.005	0.001	-0.5	8.75	-5	50	-0.5	2	7.05	-0.5	51	204	238	4.78	20
466385	5481150	876345	TB08127353	0.003	-0.005	0.001	-0.5	6.24	-5	10	-0.5	-2	5.24	-0.5	25	2	96	10.95	10
466330	5481229	876346	TB08127353	0.002	-0.005	0.001	-0.5	7.75	-5	40	-0.5	-2	7.56	-0.5	17	25	44	2.94	20
466453	5481064	876347	TB08127353	0.002	-0.005	-0.001	-0.5	8.02	-5	140	-0.5	-2	6.96	-0.5	12	13	44	2.88	20
466476	5481027	876348	TB08127353	0.049	-0.005	0.001	0.5	6.31	-5	10	-0.5	-2	5.61	-0.5	53	182	2040	11.8	20
466509	5481022	876349	TB08127353	0.01	-0.005	-0.001	-0.5	8.13	-5	40	-0.5	-2	6.07	-0.5	63	25	216	7.51	20
466417	5481009	876350	TB08127353	0.011	-0.005	-0.001	-0.5	6.59	-5	20	-0.5	2	6.82	-0.5	38	16	425	10.3	20
472488	5479794	876366	TB08127353	0.001	-0.005	-0.001	-0.5	6.93	-5	80	-0.5	2	6.1	-0.5	43	83	148	11.55	20
472499	5479812	876367	TB08127353	0.006	-0.005	-0.001	-0.5	2.58	-5	50	-0.5	-2	8.59	-0.5	37	33	337	9.96	10
472499	5479812	876368	TB08127353	0.004	-0.005	-0.001	-0.5	5.46	-5	150	-0.5	-2	6.13	-0.5	39	72	486	8.6	10
472498	5479789	876369	TB08127353	0.002	-0.005	-0.001	-0.5	6.9	-5	50	-0.5	-2	5.37	-0.5	37	94	33	8.45	20
472470	5479947	876370	TB08127353	0.002	-0.005	0.001	-0.5	9.13	-5	2600	0.6	3	2.46	-0.5	51	151	11	11.7	20
474242	5481333	876371	TB08127353	0.001	-0.005	-0.001	-0.5	7.37	-5	30	-0.5	-2	2.58	-0.5	30	74	23	8.57	20
474239	5481346	876372	TB08127353	0.002	-0.005	-0.001	-0.5	6.39	-5	50	0.6	-2	3.57	-0.5	38	55	201	7.53	10
474238	5481355	876373	TB08127353	0.001	-0.005	-0.001	-0.5	6.49	-5	20	0.6	-2	4.11	-0.5	41	54	24	12.05	20
474303	5481395	876374	TB08127353	0.002	-0.005	-0.001	-0.5	7.37	-5	30	0.7	-2	3.86	-0.5	26	67	37	8.26	20
474305	5481400	876375	TB08127353	0.003	-0.005	-0.001	-0.5	7.03	-5	20	0.7	2	5.59	-0.5	37	61	46	9.98	20
472691	5479958	876376	TB08127353	0.003	0.007	0.013	-0.5	7.31	5	40	-0.5	2	7.26	-0.5	26	204	5	7.92	10
472701	5479971	876377	TB08127353	0.004	-0.005	0.002	-0.5	8.03	-5	60	-0.5	-2	8.14	-0.5	20	142	20	7.22	10

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	Au ppm PGM-ICP23	Pt ppm PGM-ICP23	Pd ppm PGM-ICP23	Ag ppm ME-ICP61	Al % ME-ICP61	As ppm ME-ICP61	Ba ppm ME-ICP61	Be ppm ME-ICP61	Bi ppm ME-ICP61	Ca % ME-ICP61	Cd ppm ME-ICP61	Co ppm ME-ICP61	Cr ppm ME-ICP61	Cu ppm ME-ICP61	Fe % ME-ICP61	Ga ppm ME-ICP61
465317	5481255	876381	TB08127353	0.003	-0.005	-0.001	-0.5	9.19	-5	90	-0.5	-2	8.53	-0.5	16	18	44	4.46	20
465317	5481255	876382	TB08127353	0.001	-0.005	-0.001	-0.5	8.96	-5	50	-0.5	-2	8.1	-0.5	27	49	44	5.02	20
465311	5481267	876383	TB08127353	0.011	-0.005	-0.001	-0.5	6.97	-5	20	-0.5	-2	7	-0.5	47	532	479	15.4	20
465310	5481262	876384	TB08127353	0.008	-0.005	-0.001	-0.5	7.1	-5	20	-0.5	2	7.6	-0.5	85	60	426	12.3	20
465296	5481248	876385	TB08127353	0.001	-0.005	-0.001	-0.5	7.93	-5	100	-0.5	-2	5.31	-0.5	26	9	129	4.14	10
465296	5481255	876386	TB08127353	0.003	-0.005	-0.001	-0.5	7.97	-5	80	-0.5	-2	5.95	-0.5	50	33	174	8.92	10
465291	5481253	876387	TB08127353	0.005	-0.005	-0.001	-0.5	8.77	-5	60	-0.5	-2	7.95	-0.5	43	17	393	6.84	20
465290	5481286	876388	TB08127353	0.003	-0.005	-0.001	-0.5	9.61	-5	70	-0.5	-2	8.02	-0.5	24	7	74	5.15	20
465289	5481281	876389	TB08127353	0.001	-0.005	-0.001	-0.5	9.39	-5	60	-0.5	-2	7.99	-0.5	23	7	75	5.32	20
465284	5481276	876390	TB08127353	0.003	-0.005	-0.001	-0.5	9.11	-5	190	-0.5	2	7.61	-0.5	10	5	29	2.53	20
465287	5481276	876391	TB08127353	0.001	-0.005	0.001	-0.5	9.11	-5	320	-0.5	-2	7.71	-0.5	18	18	62	4.87	20
465400	5481340	876392	TB08127353	0.001	-0.005	-0.001	-0.5	8.4	-5	40	-0.5	2	8.06	-0.5	24	25	53	3.43	20
465402	5481331	876393	TB08127353	0.002	-0.005	0.001	-0.5	8.4	-5	40	-0.5	-2	8	-0.5	29	9	34	3.83	20
465373	5481290	876394	TB08127353	0.001	-0.005	0.001	-0.5	8.34	-5	40	-0.5	2	7.96	-0.5	45	10	37	5.49	20
465353	5481294	876395	TB08127353	0.001	-0.005	-0.001	-0.5	8.9	-5	40	-0.5	2	7.26	-0.5	16	134	46	4.56	20
465353	5481294	876396	TB08127353	0.002	-0.005	-0.001	-0.5	9.34	6	30	-0.5	-2	7.14	-0.5	17	113	42	4.2	20
465354	5481301	876397	TB08127353	0.002	-0.005	-0.001	-0.5	8.01	-5	60	-0.5	-2	7.79	-0.5	19	14	44	4.13	20
465477	5481174	876398	TB08127353	0.002	-0.005	-0.001	-0.5	8.45	-5	20	-0.5	-2	8.42	-0.5	35	75	32	6.01	20
465469	5481167	876399	TB08127353	0.006	-0.005	-0.001	-0.5	7.91	-5	50	-0.5	-2	7.91	-0.5	38	38	243	8.15	20
Standard 54Pa		876400	TB08127353	2.89	-0.005	0.043	4.9	6.39	7	540	1	-2	1.77	-0.5	18	31	>10000	7.65	10
466257	5480991	876401	TB08127353	0.005	-0.005	-0.001	-0.5	9.4	-5	220	-0.5	2	5.75	-0.5	25	15	580	4.19	20
466250	5480994	876402	TB08127353	0.008	-0.005	0.001	-0.5	8.41	7	30	-0.5	2	6.99	-0.5	56	29	1070	8.69	20
466243	5480990	876403	TB08127353	0.005	-0.005	-0.001	-0.5	6.67	-5	30	-0.5	-2	5.86	-0.5	48	20	860	11.7	20
466239	5480988	876404	TB08127353	0.041	-0.005	0.001	-0.5	6.77	-5	20	-0.5	3	6.97	-0.5	239	68	2300	12.35	20
466233	5480990	876405	TB08127353	0.007	-0.005	0.001	-0.5	5.71	-5	20	-0.5	3	5.92	-0.5	57	14	1230	12.55	20
466233	5480984	876406	TB08127353	0.011	-0.005	0.001	-0.5	6.33	-5	20	-0.5	4	6.02	-0.5	46	16	1020	12.55	20
466228	5480987	876407	TB08127353	0.014	-0.005	-0.001	-0.5	6.04	-5	20	-0.5	-2	5.63	-0.5	47	18	909	12.15	20
466221	5480990	876408	TB08127353	0.009	-0.005	-0.001	-0.5	4.32	-5	20	-0.5	4	3.62	-0.5	47	12	1500	10.55	10
466217	5480984	876409	TB08127353	0.096	-0.005	0.002	1.7	5.22	-5	30	-0.5	7	7.27	-0.5	142	10	4470	14.4	20
Standard: Oreas 50Pb		876410	TB08127353	0.884	-0.005	0.012	2	7	11	640	1.3	7	1.4	-0.5	13	33	6730	4.87	10
466219	5480981	876411	TB08127353	0.093	-0.005	0.002	1.3	5.56	-5	20	-0.5	3	5.25	-0.5	209	11	7530	16.45	20
466218	5480991	876412	TB08127353	0.01	-0.005	-0.001	-0.5	7.12	-5	30	-0.5	-2	5.41	-0.5	46	31	845	9.59	20
466207	5480985	876413	TB08127353	0.006	-0.005	-0.001	-0.5	5.75	-5	30	-0.5	7	4.42	0.5	62	19	1140	17.9	30
466200	5480981	876414	TB08127353	0.007	-0.005	0.002	-0.5	6.12	-5	30	-0.5	2	6.25	-0.5	51	17	1020	12.5	20
466197	5480981	876415	TB08127353	0.015	-0.005	-0.001	-0.5	5.18	-5	20	-0.5	4	5.63	-0.5	88	19	1880	11.4	20
466193	5480982	876416	TB08127353	0.007	-0.005	0.001	-0.5	5.83	-5	30	0.5	-2	5.35	-0.5	47	25	680	13.3	20
466159	5480991	876417	TB08127353	0.006	-0.005	-0.001	-0.5	6.28	-5	20	0.5	3	6.46	-0.5	51	3	602	12.8	20
466159	5480991	876418	TB08127353	0.005	-0.005	-0.001	-0.5	6.06	-5	20	-0.5	2	6.58	-0.5	44	2	557	12.8	20
466166	5480987	876419	TB08127353	0.004	-0.005	-0.001	-0.5	6.02	5	20	-0.5	2	5.88	-0.5	54	3	1050	12.85	20
466163	5480992	876420	TB08127353	0.007	-0.005	-0.001	-0.5	2.42	-5	40	-0.5	-2	6.99	-0.5	38	18	115	10.25	10
465995	5481041	876421	TB08127354	0.018	-0.005	0.001	0.5	8.32	-5	120	-0.5	6	5.47	-0.5	32	30	645	5.77	20
465988	5481039	876422	TB08127354	0.004	-0.005	-0.001	-0.5	7.04	-5	10	-0.5	5	7.94	-0.5	25	42	105	7.79	20
465992	5481038	876423	TB08127354	0.005	-0.005	-0.001	-0.5	6.87	-5	10	-0.5	7	7.89	-0.5	37	27	1050	9.58	30
465997	5481042	876424	TB08127354	0.047	-0.005	-0.001	-0.5	9.02	-5	120	-0.5	3	6.92	-0.5	20	41	258	5.04	20
465996	5481042	876425	TB08127354	0.007	-0.005	-0.001	-0.5	9.02	-5	60	-0.5	4	6.61	-0.5	53	44	275	5.53	20
466004	5481044	876426	TB08127354	0.004	-0.005	-0.001	-0.5	9.72	-5	10	-0.5	4	8.38	-0.5	14	57	134	5.87	20
465999	5481029	876427	TB08127354	0.021	-0.005	0.001	-0.5	1.65	-5	10	-0.5	4	1.36	-0.5	305	7	792	9.61	10
BLANK		876428	TB08127354	0.005	-0.005	0.003	-0.5	0.15	-5	20	-0.5	-2	31.2	-0.5	2	2	7	0.17	-10
465999	5481029	876429	TB08127354	0.029	0.007	0.002	0.7	6.29	-5	20	0.7	7	4.92	-0.5	71	1	1790	11.75	20
466131	5480994	876430	TB08127354	0.056	-0.005	0.001	1.2	6.36	-5	10	0.5	4	5.5	-0.5	60	36	2100	10.95	20
466125	5480994	876431	TB08127354	0.024	-0.005	-0.001	0.7	5.39	-5	10	-0.5	6	7.54	-0.5	55	20	1110	9.71	20
466130	5480999	876432	TB08127354	0.136	-0.005	0.001	6.5	2.18	-5	10	-0.5	3	1.66	0.6	190	8	8890	15.95	10
466133	5480999	876433	TB08127354	0.116	-0.005	-0.001	3.9	0.61	-5	10	-0.5	5	0.54	-0.5	174	6	4650	8.93	-10
466973	5479754	876440	TB08127354	0.002	-0.005	0.001	-0.5	7.67	-5	190	0.8	2	1.07	-0.5	9	11	13	1.44	20
466969	5479757	876441	TB08127354	0.002	-0.005	0.001	-0.5	8.06	-5	10	-0.5	-2	8.39	-0.5	44	210	49	8.36	20
466969	5479753	876442	TB08127354	0.003	-0.005	0.001	-0.5	7.84	8	10	-0.5	2	6.85	-0.5	96	204	351	9.37	20
466115	5480962	876443	TB08127354	0.025	-0.005	-0.001	-0.5	7.61	-5	20	-0.5	6	2.85	-0.5	18	44	86	7.42	20
466115	5480962	876444	TB08127354	0.082	-0.005	0.001	-0.5	1.58	-5	10	-0.5	2	0.32	-0.5	19	13	104	3.99	-10
466117	5480964	876445	TB08127354	0.003	-0.005	-0.001	-0.5	7.65	-5	20	-0.5	5	5.46	-0.5	25	21	19	6.22	20
466122	5480953	876446	TB08127354	0.008	-0.005	0.001	-0.5	8.38	-5	30	0.5	-2	5.45	-0.5	20	32	92	6.19	20

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	Au ppm PGM-ICP23	Pt ppm PGM-ICP23	Pd ppm PGM-ICP23	Ag ppm ME-ICP61	Al % ME-ICP61	As ppm ME-ICP61	Ba ppm ME-ICP61	Be ppm ME-ICP61	Bi ppm ME-ICP61	Ca % ME-ICP61	Cd ppm ME-ICP61	Co ppm ME-ICP61	Cr ppm ME-ICP61	Cu ppm ME-ICP61	Fe % ME-ICP61	Ga ppm ME-ICP61
Standard: Oreas 4Pb		876447	TB08127354	0.045	-0.005	0.001	-0.5	3.46	19	230	0.9	-2	0.05	-0.5	3	41	15	2.43	10
466131	5480947	876448	TB08127354	0.007	-0.005	0.001	-0.5	3.25	-5	10	-0.5	-2	1.59	-0.5	12	6	71	4.63	10
466157	5480941	876449	TB08127354	0.007	-0.005	0.001	-0.5	8.55	-5	160	-0.5	4	3.92	-0.5	50	36	203	9.58	20
466157	5480939	876450	TB08127354	0.015	0.008	0.003	-0.5	5.45	-5	10	-0.5	9	4.81	-0.5	46	72	240	14.25	30
465648	5481044	876451	TB08127354	0.005	-0.005	0.001	-0.5	7.31	-5	20	-0.5	2	6.11	-0.5	56	63	425	11.75	20
465649	5481044	876452	TB08127354	0.005	-0.005	0.001	-0.5	4.1	-5	10	-0.5	-2	4.04	-0.5	66	41	235	7.94	10
BLANK		876453	TB08127354	0.005	-0.005	0.001	-0.5	0.22	7	20	-0.5	-2	30.4	-0.5	1	5	7	0.24	-10
465635	5481048	876454	TB08127354	0.005	-0.005	0.001	-0.5	6.47	-5	10	-0.5	2	6.96	-0.5	42	70	255	9.89	20
465758	5481057	876455	TB08127354	0.004	-0.005	0.001	-0.5	8.67	-5	40	-0.5	-2	7.33	-0.5	16	6	95	3.42	20
465759	5481022	876456	TB08127354	0.002	-0.005	0.001	-0.5	8.4	-5	30	-0.5	-2	8.1	-0.5	63	13	110	9.92	20
465775	5481005	876457	TB08127354	0.004	-0.005	0.001	-0.5	5.27	-5	10	-0.5	2	2.78	-0.5	49	8	62	11	10
466666	5481326	876458	TB08127354	0.002	-0.005	-0.001	-0.5	4.53	-5	20	-0.5	2	4.6	-0.5	35	37	26	6.25	20
466538	5481311	876459	TB08127354	0.001	-0.005	-0.001	-0.5	4.08	-5	50	-0.5	-2	4.07	-0.5	17	44	4	2.55	10
466376	5481351	876460	TB08127354	0.001	-0.005	-0.001	-0.5	3.02	-5	20	-0.5	-2	2.63	-0.5	9	4	8	1.11	10
466182	5481385	876461	TB08127354	0.004	-0.005	-0.001	-0.5	2.81	-5	30	-0.5	-2	3.03	-0.5	17	46	71	1.59	-10
466144	5481347	876462	TB08127354	0.008	-0.005	-0.001	-0.5	2.56	-5	60	-0.5	-2	2.38	-0.5	21	166	389	1.49	-10
466144	5481346	876463	TB08127354	0.015	-0.005	-0.001	-0.5	3.86	-5	10	-0.5	-2	3.41	-0.5	40	394	1320	5.95	10
466144	5481010	876464	TB08127354	0.005	-0.005	-0.001	-0.5	8.39	11	50	-0.5	-2	7.69	-0.5	16	65	361	3.1	20
468820	5481345	876465	TB08127354	0.001	-0.005	-0.001	-0.5	8.69	-5	40	-0.5	-2	3.71	-0.5	17	41	9	4.2	10
468157	5481328	876466	TB08127354	0.001	-0.005	-0.001	-0.5	7.48	-5	10	-0.5	-2	6.81	-0.5	52	45	127	8.72	20
466024	5480957	876467	TB08127354	0.003	-0.005	-0.001	-0.5	7.34	5	20	-0.5	3	6.47	-0.5	27	106	84	11	30
466022	5480906	876468	TB08127354	0.002	-0.005	0.002	-0.5	7.61	-5	480	1	-2	4.52	-0.5	20	110	57	3.68	10
466018	5480905	876469	TB08127354	0.002	-0.005	-0.001	-0.5	7.22	-5	160	0.5	-2	3.35	-0.5	21	177	25	5.49	20
465968	5480841	876470	TB08127354	0.003	-0.005	-0.001	-0.5	6.68	-5	20	-0.5	5	1.69	-0.5	44	106	4	11.05	20
469430	5481154	876471	TB08127354	0.002	-0.005	-0.001	-0.5	7.23	5	10	0.5	-2	5.91	-0.5	38	69	50	9.7	20
469429	5481164	876472	TB08127354	0.002	-0.005	-0.001	-0.5	5.47	-5	20	-0.5	-2	3.44	-0.5	32	59	66	7.38	10
469078	5481093	876473	TB08127354	0.001	-0.005	-0.001	-0.5	7.24	-5	20	-0.5	-2	2.92	-0.5	39	82	81	12.65	20
Standard: Oreas 18Pb		876474	TB08127354	3.06	-0.005	0.001	0.8	6	5480	230	0.8	-2	4.43	-0.5	35	150	94	8.24	20
474185	5481418	876156	VO08099351	-0.001	-0.005	0.001	-0.5	5.34	-5	10	0.5	-2	3.12	-0.5	19	39	54	8.01	10
474182	5481418	876157	VO08099351	0.001	-0.005	-0.001	-0.5	5.77	6	10	0.6	-2	3.74	-0.5	28	34	36	11.05	20
474241	5481013	876158	VO08099351	0.001	-0.005	0.001	-0.5	6.66	-5	10	-0.5	-2	10.2	-0.5	30	116	60	7.46	20
474189	5481380	876159	VO08099351	0.001	-0.005	-0.001	-0.5	6.81	-5	10	0.6	-2	4.63	-0.5	35	57	23	11.3	20
474195	5481592	876160	VO08099351	-0.001	0.005	0.001	-0.5	5.38	9	10	-0.5	-2	4.1	-0.5	35	13	16	12.2	20
474164	5481586	876161	VO08099351	0.001	0.006	0.001	-0.5	5.27	11	10	-0.5	-2	3.74	-0.5	46	34	-1	11.8	20
474279	5481513	876162	VO08099351	0.007	0.044	0.059	-0.5	6.81	9	10	0.7	-2	5.43	-0.5	39	50	72	9.92	20
STANDARD ???		876201	VO08099353	2.73	0.008	0.045	4.7	6.49	10	500	1.1	-2	1.66	0.5	15	34	>10000	7.14	20
470145	5490781	794379	VO08099352	-0.001	-0.005	0.002	-0.5	7.11	-5	60	-0.5	2	7.12	-0.5	38	271	66	6.95	20
473674	5481699	794380	VO08099352	0.003	-0.005	0.001	-0.5	3.27	-5	10	-0.5	4	0.18	-0.5	25	40	-1	5.3	10
473680	5481718	794381	VO08099352	0.004	-0.005	-0.001	-0.5	5.86	-5	360	-0.5	-2	0.89	-0.5	28	48	57	4.59	10
473680	5481718	794382	VO08099352	0.001	-0.005	-0.001	-0.5	4.81	6	10	-0.5	2	3.56	-0.5	36	665	4	16.25	20
Standard: 50 Pb		794383	VO08099352	0.786	-0.005	0.011	2.1	7	8	590	1.3	5	1.39	-0.5	13	41	6720	4.83	20
473698	5481716	794384	VO08099352	0.004	-0.005	-0.001	-0.5	3.58	-5	10	1	5	5.85	-0.5	40	169	27	14.45	20
473687	5481705	794385	VO08099352	0.001	-0.005	-0.001	-0.5	7.02	-5	230	0.6	-2	1.03	-0.5	4	18	1	1.16	10
473777	5481854	794386	VO08099352	-0.001	-0.005	0.001	-0.5	6.67	-5	10	0.6	-2	5.64	-0.5	28	118	3	7.9	20
473777	5481738	794387	VO08099352	-0.001	-0.005	-0.001	-0.5	7.85	-5	10	-0.5	-2	5.12	-0.5	36	216	8	10.2	10
473793	5481490	794388	VO08099352	0.001	-0.005	-0.001	-0.5	0.85	-5	-10	-0.5	-2	2.09	-0.5	8	37	5	2.04	-10
473793	5481491	794389	VO08099352	0.001	-0.005	-0.001	-0.5	6.01	-5	-10	-0.5	-2	5.44	-0.5	64	48	89	11.7	20
473889	5481483	794390	VO08099352	0.005	-0.005	-0.001	-0.5	6.7	-5	10	-0.5	-2	3.64	-0.5	51	80	172	9.96	10
473874	5481814	794391	VO08099352	-0.001	-0.005	-0.001	-0.5	7.88	7	20	-0.5	-2	3.89	-0.5	30	167	1	8.18	10
473866	5481810	794392	VO08099352	0.002	-0.005	0.001	-0.5	7.68	5	80	0.7	-2	2.2	-0.5	5	15	2	1.26	20
BLANK		794393	VO08099352	-0.001	-0.005	-0.001	-0.5	0.47	5	10	-0.5	-2	34.8	-0.5	1	7	1	0.2	-10
473897	5481839	794394	VO08099352	-0.001	-0.005	-0.001	-0.5	5.24	-5	10	0.5	-2	5.88	-0.5	36	233	22	8.99	-10

Standard
Duplicate
Blank

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	K % ME-ICP61	La ppm ME-ICP61	Mg % ME-ICP61	Mn ppm ME-ICP61	Mo ppm ME-ICP61	Na % ME-ICP61	Ni ppm ME-ICP61	P ppm ME-ICP61	Pb ppm ME-ICP61	S % ME-ICP61	Sb ppm ME-ICP61	Sc ppm ME-ICP61	Sr ppm ME-ICP61	Th ppm ME-ICP61	Ti % ME-ICP61	Tl ppm ME-ICP61
466052	5481025	866001	TB08127354	0.04	-10	2.97	507	7	0.24	53	50	-2	2.65	-5	24	28	-20	0.19	-10
466053	5481023	866002	TB08127354	0.13	-10	3.14	755	3	1.81	81	950	-2	1.21	-5	12	69	-20	0.72	10
466053	5481023	866003	TB08127354	0.07	-10	3.67	732	1	0.98	102	1110	-2	0.94	-5	42	89	-20	0.49	-10
469520	5480862	866004	TB08127354	0.02	-10	1.31	779	-1	0.15	16	340	-2	0.08	-5	5	8	-20	0.18	-10
469525	5480867	866005	TB08127354	0.02	-10	2.72	1040	-1	1.41	64	190	-2	1.86	-5	26	27	-20	0.37	-10
469485	5480867	866006	TB08127354	-0.01	-10	0.13	161	-1	0.03	8	80	-2	0.04	-5	1	-1	-20	0.05	-10
476601	5483661	866007	TB08127354	0.73	-10	3.15	1615	-1	0.87	31	600	3	0.07	-5	47	232	-20	1.11	-10
476603	5483658	866008	TB08127354	0.47	-10	3.32	1650	-1	2.35	66	440	-2	0.1	-5	41	79	-20	0.82	10
476608	5483654	866009	TB08127354	0.43	-10	3.79	1485	-1	2.32	79	420	-2	0.03	-5	39	131	-20	0.8	10
476603	5483655	866010	TB08127354	0.42	-10	3.5	1615	-1	2.58	76	470	-2	0.04	-5	38	76	-20	0.85	-10
476598	5483656	866011	TB08127354	0.57	-10	3.33	1630	-1	2.46	74	440	-2	0.07	-5	39	93	-20	0.8	-10
476604	5483657	866012	TB08127354	0.54	-10	3.19	1530	-1	2.43	51	530	5	0.02	-5	54	101	-20	1.01	-10
476605	5483658	866013	TB08127354	0.52	-10	3.33	1475	-1	2.31	50	580	-2	0.08	-5	45	130	-20	1.02	10
476498	5483708	866014	TB08127354	0.01	-10	2.71	1705	-1	1.79	52	440	5	0.13	5	44	158	-20	0.83	10
476481	5483723	866015	TB08127354	0.03	-10	2.94	1640	-1	1.59	48	500	3	0.11	-5	46	252	-20	0.89	-10
Standard: Oreas 54 Pa		866016	TB08127354	2.79	10	1.16	381	2	2.09	21	750	24	1.49	-5	11	378	-20	0.24	-10
476330	5483276	866017	TB08127354	1.1	10	0.52	161	-1	3.37	12	190	-2	0.01	-5	2	229	-20	0.08	-10
476391	5483221	866018	TB08127354	1.02	-10	0.24	232	-1	2.78	11	230	-2	0.01	-5	2	271	-20	0.06	-10
476383	5483169	866019	TB08127354	0.85	-10	0.15	240	-1	1.93	5	180	-2	0.04	-5	2	205	-20	0.05	-10
476380	5483176	866020	TB08127354	0.73	-10	0.21	252	-1	3.02	6	260	3	0.02	-5	2	269	-20	0.05	-10
476607	5483833	866021	TB08127354	0.02	-10	2.85	1490	-1	2.83	106	380	-2	0.11	-5	45	102	-20	0.7	-10
476610	5483832	866022	TB08127354	0.01	-10	3.49	1610	-1	1.38	105	370	-2	0.17	-5	45	164	-20	0.71	-10
476645	5483767	866023	TB08127354	0.28	-10	3.45	1570	-1	2.47	42	340	2	0.04	-5	49	358	-20	0.69	10
476643	5483762	866024	TB08127354	1.03	-10	3.46	1540	-1	2.78	49	330	-2	0.28	-5	47	162	-20	0.66	10
476639	5483760	866025	TB08127354	0.52	-10	3.05	1235	-1	3.16	37	300	20	0.25	-5	42	130	-20	0.59	-10
466131	5480984	866026	TB08127354	0.02	-10	1.17	265	108	0.07	35	1540	5	3.18	-5	12	7	-20	0.33	-10
BLANK		866027	TB08127354	0.01	-10	1.43	109	1	0.04	3	80	-2	0.02	-5	1	75	-20	0.01	-10
466135	5480990	866028	TB08127354	0.05	10	3.8	849	8	0.35	184	3560	2	5.21	-5	40	36	-20	1.3	-10
466135	5480988	866029	TB08127354	0.02	-10	0.99	251	21	0.2	40	570	-2	1.3	-5	10	11	-20	0.36	-10
466134	5480986	866030	TB08127354	0.49	-10	4.96	794	28	0.91	27	330	-2	0.93	-5	39	101	-20	0.39	-10
466132	5480986	866031	TB08127354	0.07	-10	0.67	141	184	0.08	5	30	-2	1.17	-5	5	9	-20	0.07	-10
466134	5480983	866032	TB08127354	0.15	-10	1.59	223	388	0.03	60	370	-2	8.42	-5	7	15	-20	0.14	-10
466134	5480983	866033	TB08127354	0.01	-10	10.95	1105	113	0.08	120	190	2	2.33	-5	22	-1	-20	0.49	-10
465997	5481039	866034	TB08127354	0.37	-10	1.45	402	20	1.71	31	160	-2	1.21	-5	12	112	-20	0.54	-10
465631	5481142	866035	TB08127354	0.1	-10	2.09	634	12	1.15	43	110	-2	0.57	-5	17	111	-20	0.27	-10
Standard: Oreas 15 Pa		866038	TB08127354	0.57	10	3.76	1180	2	2.09	139	1360	12	0.5	5	18	378	-20	0.9	-10
472497	5479799	876131	TB08127354	0.3	-10	3.31	1305	-1	2.28	44	330	2	0.16	8	47	116	-20	0.64	-10
472497	5479874	876132	TB08127354	0.16	-10	2.05	1395	-1	0.41	38	500	-2	0.08	-5	36	246	-20	0.83	-10
472480	5479898	876133	TB08127353	0.3	-10	3.69	1595	-1	2.72	43	300	-2	0.06	7	48	106	-20	0.65	10
472212	5479529	876134	TB08127353	0.75	10	2.92	1015	-1	2.67	61	830	5	0.04	6	25	260	-20	0.62	-10
472349	5479805	876135	TB08127353	0.42	10	3.1	989	-1	3.33	65	570	2	0.07	-5	25	303	-20	0.61	-10
474803	5481489	876136	TB08127353	0.05	-10	3.19	1210	-1	1.88	42	550	3	-0.01	7	38	76	-20	1.03	-10
474803	5481494	876137	TB08127353	0.07	-10	3.24	1245	-1	1.66	38	630	-2	0.05	5	38	96	-20	1.06	-10
475389	5481750	876138	TB08127353	0.01	-10	1.48	1345	-1	0.13	14	500	-2	0.01	6	33	228	-20	0.95	-10
475389	5481750	876139	TB08127353	0.01	-10	2.57	1750	-1	1.38	22	540	2	0.15	7	43	59	-20	1.39	-10
474674	5481474	876140	TB08127353	0.07	-10	3.63	1430	-1	1.47	26	490	-2	0.02	9	45	80	-20	1.18	-10
465627	5481201	876141	TB08127353	0.14	30	5.25	901	-1	2.05	175	1180	-2	0.15	-5	15	563	-20	0.24	-10
465647	5481159	876142	TB08127353	0.07	-10	2.57	626	4	1.07	85	50	-2	0.46	5	8	123	-20	0.09	-10
465582	5481045	876143	TB08127353	0.18	-10	2.78	778	-1	1.07	63	80	-2	0.27	5	29	117	-20	0.63	-10
465579	5480895	876144	TB08127353	0.07	-10	4.34	1715	-1	0.67	42	680	-2	0.22	8	39	42	-20	1.08	-10
465576	5480894	876145	TB08127353	0.04	-10	1.61	628	-1	0.09	3	220	-2	0.11	5	13	8	-20	0.33	-10
465611	5481114	876146	TB08127353	0.55	-10	1.88	575	-1	1.55	33	60	-2	0.27	6	29	118	-20	0.3	-10
465614	5481031	876147	TB08127353	0.2	-10	1.61	596	-1	1.73	81	490	-2	0.37	11	19	126	-20	0.74	-10
465636	5481016	876148	TB08127353	0.28	30	4.84	738	-1	1.45	188	1220	-2	1.06	5	13	326	-20	0.18	-10
465709	5481036	876149	TB08127353	0.13	-10	2.8	781	1	1.63	26	210	-2	0.72	9	47	115	-20	0.84	-10
465708	5481037	876150	TB08127353	0.21	-10	2.81	793	8	2.25	36	210	-2	0.91	6	37	134	-20	0.89	-10
465474	5481166	876204	TB08127353	0.41	-10	2.21	638	-1	2	71	70	-2	1.7	9	19	159	-20	0.34	-10
465474	5481168	876205	TB08127353	0.33	-10	2.77	635	-1	1.87	70	60	3	0.58	6	23	152	-20	0.24	-10
465487	5481180	876206	TB08127353	0.08	-10	2.45	571	7	1.2	55	80	-2	0.41	5	10	108	-20	0.19	-10
465488	5481177	876207	TB08127353	0.08	-10	2.69	597	4	1.29	68	90	-2	0.52	-5	8	104	-20	0.18	-10

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	K % ME-ICP61	La ppm ME-ICP61	Mg % ME-ICP61	Mn ppm ME-ICP61	Mo ppm ME-ICP61	Na % ME-ICP61	Ni ppm ME-ICP61	P ppm ME-ICP61	Pb ppm ME-ICP61	S % ME-ICP61	Sb ppm ME-ICP61	Sc ppm ME-ICP61	Sr ppm ME-ICP61	Th ppm ME-ICP61	Ti % ME-ICP61	Tl ppm ME-ICP61
465490	5481176	876208	TB08127353	0.1	-10	1.98	641	-1	1.68	51	70	-2	0.54	5	18	119	-20	0.27	-10
465821	5481105	876209	TB08127353	0.09	-10	2.62	588	6	1.49	52	150	-2	1.36	5	10	127	-20	0.19	-10
465822	5481105	876210	TB08127353	0.11	-10	2.36	582	21	1.11	71	140	-2	0.84	5	12	121	-20	0.24	-10
465822	5481121	876211	TB08127353	0.11	-10	1.55	407	17	2.92	114	70	-2	2.82	6	16	115	-20	0.28	10
465828	5481123	876212	TB08127353	0.03	-10	1.83	602	11	2	72	70	-2	0.95	6	23	148	-20	0.45	-10
465889	5481167	876213	TB08127353	0.04	-10	0.87	258	588	0.95	6	50	-2	0.2	5	12	64	-20	0.12	10
465886	5481168	876214	TB08127353	0.01	-10	2.36	503	8	0.21	116	50	-2	0.24	-5	9	58	-20	0.06	-10
465883	5481357	876215	TB08127353	1.68	-10	1.94	510	3	0.95	73	100	-2	0.66	7	9	144	-20	0.08	-10
465855	5481365	876216	TB08127353	0.07	-10	0.79	422	4	1.85	26	260	-2	0.11	-5	10	167	-20	0.22	-10
466157	5481264	876217	TB08127353	0.27	-10	2.95	622	-1	1.45	119	80	-2	0.28	5	5	102	-20	0.06	-10
466157	5481253	876218	TB08127353	0.01	-10	6.53	1055	-1	0.02	351	70	-2	3.56	7	8	14	-20	0.04	-10
466157	5481253	876219	TB08127353	0.03	-10	6.18	1135	-1	0.27	369	110	-2	1.84	7	10	17	-20	0.14	-10
466141	5481226	876220	TB08127353	0.08	-10	1.11	1395	-1	0.17	49	20	-2	0.08	15	13	62	-20	3.12	-10
466141	5481226	876221	TB08127353	0.08	-10	1.04	1475	-1	0.16	36	10	-2	0.15	12	13	65	-20	3.45	-10
466052	5481123	876222	TB08127353	0.2	-10	0.63	317	2	1.93	14	80	-2	0.24	-5	8	143	-20	0.11	-10
466061	5481205	876223	TB08127353	0.11	-10	1.04	381	-1	1.75	36	270	-2	0.16	-5	10	129	-20	0.08	-10
466068	5481332	876224	TB08127353	0.15	-10	4.15	962	-1	1.49	93	70	-2	0.02	5	48	168	-20	0.26	-10
468609	5481038	876225	TB08127353	0.06	-10	2.78	1180	-1	1.72	40	810	-2	0.23	5	32	114	-20	0.89	-10
468631	5481061	876226	TB08127353	0.09	-10	2.94	1205	-1	1.35	35	640	7	0.38	-5	33	85	-20	0.98	-10
469779	5490782	876227	TB08127353	0.29	-10	0.54	264	-1	1.76	11	270	3	0.02	-5	5	131	-20	0.19	-10
469861	5490784	876228	TB08127353	0.01	-10	0.22	439	-1	0.13	2	200	5	1.1	7	8	22	-20	0.25	-10
469859	5490782	876229	TB08127353	0.01	-10	1.02	1275	-1	0.67	-1	490	-2	0.5	7	26	28	-20	0.63	-10
Standard: 15Pa		876230	TB08127353	0.57	10	3.7	1225	1	2.01	135	1340	7	0.49	6	17	379	-20	0.95	-10
475545	5481840	876326	TB08127353	0.05	-10	0.01	34	-1	0.1	1	20	-2	-0.01	-5	-1	10	-20	0.01	-10
475545	5481840	876327	TB08127353	0.99	-10	0.34	93	-1	3.75	5	170	3	-0.01	-5	1	265	-20	0.04	-10
475671	5481780	876328	TB08127353	0.01	-10	3.35	1420	-1	1.94	55	540	-2	0.1	7	37	96	-20	0.97	-10
475710	5481825	876329	TB08127353	1.08	10	0.42	205	-1	3.28	7	190	-2	0.03	-5	2	194	-20	0.06	-10
475754	5481825	876330	TB08127353	0.02	-10	2.48	1300	-1	1.59	50	660	-2	0.04	5	38	345	-20	0.34	-10
475799	5481841	876331	TB08127353	0.01	-10	3.82	1475	-1	1.07	67	670	-2	0.2	5	43	197	-20	1.12	-10
476272	5482025	876332	TB08127353	1.31	-10	0.11	118	-1	2.7	9	130	-2	0.47	-5	2	246	-20	0.05	-10
476446	5482267	876333	TB08127353	0.88	-10	0.3	130	42	2.1	8	110	2	0.46	-5	1	197	-20	0.03	-10
476423	5482253	876334	TB08127353	0.91	-10	0.3	130	44	2.14	7	110	-2	0.48	-5	1	202	-20	0.03	-10
Standard: Oreas 18Pb		876335	TB08127353	0.6	10	3.19	1760	2	1.65	135	1450	18	1.79	14	15	315	-20	0.79	-10
476396	5482240	876336	TB08127353	0.05	-10	0.24	46	1	0.12	4	10	-2	0.01	-5	-1	41	-20	0.01	-10
466494	5481037	876337	TB08127353	0.1	-10	3.4	1390	4	1.02	50	320	-2	0.39	-5	46	94	-20	0.6	-10
466282	5481214	876338	TB08127353	0.08	-10	3.66	899	-1	0.9	75	100	-2	0.12	7	33	95	-20	0.39	-10
466284	5481217	876339	TB08127353	0.08	-10	4.47	1550	1	0.68	73	40	-2	0.2	8	60	62	-20	1.81	-10
466280	5481213	876340	TB08127353	0.02	-10	3.58	793	1	0.2	135	60	-2	0.57	6	4	103	-20	0.07	-10
466298	5481232	876341	TB08127353	0.08	-10	1.06	505	1	1.58	39	140	-2	0.3	-5	12	129	-20	0.2	-10
466350	5481176	876342	TB08127353	0.13	-10	1.01	414	-1	1.73	34	110	-2	0.85	7	6	120	-20	0.17	-10
BLANK		876343	TB08127353	0.08	-10	1.43	106	-1	0.1	-1	60	-2	0.04	7	-1	79	-20	0.01	-10
466385	5481150	876344	TB08127353	0.14	-10	1.59	483	8	1.3	32	100	-2	0.85	-5	21	115	-20	0.17	-10
466385	5481150	876345	TB08127353	0.03	-10	3.76	1285	4	0.35	27	530	-2	0.13	5	61	80	-20	1.69	-10
466330	5481229	876346	TB08127353	0.11	-10	1.06	447	-1	2.26	48	130	-2	0.25	5	8	172	-20	0.1	-10
466453	5481064	876347	TB08127353	0.7	-10	0.95	425	-1	2	46	70	-2	0.03	-5	4	127	-20	0.09	-10
466476	5481027	876348	TB08127353	0.01	-10	3.8	1170	-1	0.03	226	350	-2	2.47	6	45	46	-20	3.48	-10
466509	5481022	876349	TB08127353	0.2	-10	3.49	832	15	0.22	145	70	-2	0.64	-5	5	86	-20	0.07	-10
466417	5481009	876350	TB08127353	0.15	-10	3.15	1070	-1	1.36	48	960	-2	1.26	6	55	78	-20	1.43	-10
472488	5479794	876366	TB08127353	0.23	-10	3.65	2070	-1	1.52	35	380	-2	0.15	9	50	63	-20	0.69	-10
472499	5479812	876367	TB08127353	0.06	-10	2.15	2800	-1	0.79	13	150	3	0.52	11	16	41	-20	0.23	-10
472499	5479812	876368	TB08127353	0.19	-10	2.69	1515	-1	1.98	35	260	-2	0.33	5	36	77	-20	0.5	-10
472498	5479789	876369	TB08127353	0.19	-10	3.43	1320	-1	2.25	36	320	-2	0.03	-5	48	87	-20	0.68	-10
472470	5479947	876370	TB08127353	1.21	-10	2.69	2860	-1	0.9	92	210	-2	-0.01	7	44	84	-20	0.68	-10
474242	5481333	876371	TB08127353	0.01	-10	3.24	1110	-1	2.77	46	770	-2	0.05	11	39	62	-20	1.4	-10
474239	5481346	876372	TB08127353	0.06	-10	2.73	1015	-1	3.04	33	1070	-2	0.36	-5	37	84	-20	0.99	-10
474238	5481355	876373	TB08127353	0.09	-10	3.97	1815	-1	0.76	42	710	-2	0.04	8	41	30	-20	1.12	10
474303	5481395	876374	TB08127353	0.04	-10	3.33	1185	-1	3.23	41	660	-2	0.05	6	39	110	-20	1.14	-10
474305	5481400	876375	TB08127353	0.1	-10	2.7	1600	-1	1.52	44	620	-2	0.08	6	42	119	-20	1.12	-10
472691	5479958	876376	TB08127353	0.13	-10	2.83	1120	-1	2.68	124	190	-2	0.13	-5	38	316	-20	0.38	-10
472701	5479971	876377	TB08127353	0.14	-10	2.16	1295	-1	2.76	76	250	2	-0.01	-5	42	639	-20	0.52	-10

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	K % ME-ICP61	La ppm ME-ICP61	Mg % ME-ICP61	Mn ppm ME-ICP61	Mo ppm ME-ICP61	Na % ME-ICP61	Ni ppm ME-ICP61	P ppm ME-ICP61	Pb ppm ME-ICP61	S % ME-ICP61	Sb ppm ME-ICP61	Sc ppm ME-ICP61	Sr ppm ME-ICP61	Th ppm ME-ICP61	Ti % ME-ICP61	Tl ppm ME-ICP61
465317	5481255	876381	TB08127353	0.46	-10	1.23	590	-1	2.1	25	70	-2	0.21	-5	12	128	-20	0.32	-10
465317	5481255	876382	TB08127353	0.31	-10	1.84	668	-1	1.44	40	80	-2	0.2	-5	16	113	-20	0.48	-10
465311	5481267	876383	TB08127353	0.21	-10	2.73	1230	-1	1.19	106	300	-2	2.25	5	24	76	-20	1.98	-10
465310	5481262	876384	TB08127353	0.19	-10	3.62	1130	-1	1.03	101	370	-2	3.66	-5	33	74	-20	0.85	-10
465296	5481248	876385	TB08127353	0.4	-10	1.08	290	141	2.33	25	50	-2	1.87	-5	7	107	-20	0.18	-10
465296	5481255	876386	TB08127353	0.31	-10	1.08	361	132	1.97	62	70	-2	5.72	-5	9	115	-20	0.18	-10
465291	5481253	876387	TB08127353	0.24	-10	0.89	478	23	2.12	31	80	-2	3.78	6	15	129	-20	0.37	-10
465290	5481286	876388	TB08127353	0.38	-10	1.06	614	-1	2.35	19	40	-2	0.71	5	18	127	-20	0.61	-10
465289	5481281	876389	TB08127353	0.3	-10	1.05	634	-1	1.59	21	40	-2	0.33	-5	16	129	-20	0.83	-10
465284	5481276	876390	TB08127353	1.05	-10	0.48	308	-1	2.11	12	40	-2	0.06	-5	7	128	-20	0.21	-10
465287	5481276	876391	TB08127353	0.9	-10	1.37	663	-1	1.89	15	70	-2	0.2	5	16	171	-20	0.66	-10
465400	5481340	876392	TB08127353	0.06	-10	1.58	449	1	1.08	55	50	4	0.24	8	6	132	-20	0.08	-10
465402	5481331	876393	TB08127353	0.06	-10	1.82	544	-1	1.07	73	60	4	0.13	6	4	136	-20	0.06	-10
465373	5481290	876394	TB08127353	0.07	-10	2.81	743	-1	0.6	107	60	-2	0.23	-5	4	126	-20	0.08	-10
465353	5481294	876395	TB08127353	0.16	-10	3.06	633	1	2.1	29	20	-2	0.47	-5	43	112	-20	0.23	-10
465353	5481294	876396	TB08127353	0.11	-10	2.47	551	1	2.35	33	20	-2	0.39	-5	35	119	-20	0.17	-10
465354	5481301	876397	TB08127353	0.11	-10	2.12	546	-1	0.89	64	60	-2	0.15	5	6	125	-20	0.08	-10
465477	5481174	876398	TB08127353	0.08	-10	2.8	797	-1	0.94	68	50	-2	0.11	5	17	102	-20	0.34	10
465469	5481167	876399	TB08127353	0.23	-10	4.07	1100	1	1.29	65	40	2	0.47	9	35	99	-20	0.67	-10
Standard 54Pa		876400	TB08127353	2.82	10	1.19	398	2	2.13	19	760	22	1.55	6	11	393	-20	0.25	-10
466257	5480991	876401	TB08127353	0.79	-10	0.76	326	21	2.61	33	90	2	1.07	-5	11	122	-20	0.27	-10
466250	5480994	876402	TB08127353	0.1	-10	1.99	643	11	1.77	114	1870	-2	1.89	-5	25	108	-20	0.82	10
466243	5480990	876403	TB08127353	0.21	-10	3.48	1045	-1	1.72	58	100	-2	1.99	-5	47	74	-20	1.38	-10
466239	5480988	876404	TB08127353	0.05	10	1.63	661	17	0.6	47	2530	-2	5.29	-5	16	137	-20	0.98	-10
466233	5480990	876405	TB08127353	0.13	10	3.46	972	4	1.08	71	1430	-2	2.03	-5	42	56	-20	1.25	-10
466233	5480984	876406	TB08127353	0.17	-10	3.45	1095	3	1.29	57	740	-2	1.79	-5	43	57	-20	1.21	-10
466228	5480987	876407	TB08127353	0.14	-10	3.23	962	2	1.36	70	750	-2	1.37	-5	44	66	-20	1.39	-10
466221	5480990	876408	TB08127353	0.08	-10	2.53	716	28	0.71	59	690	-2	2.38	-5	32	41	-20	0.86	-10
466217	5480984	876409	TB08127353	0.17	40	3.51	836	1	1.19	321	>10000	-2	4.41	6	27	48	-20	1.34	-10
Standard: Oreas 50Pb		876410	TB08127353	3.01	10	1.08	358	2	2.64	27	880	16	0.78	-5	10	409	-20	0.24	-10
466219	5480981	876411	TB08127353	0.17	10	2.96	820	2	1.22	348	1510	-2	4.46	-5	35	52	-20	1.13	10
466218	5480991	876412	TB08127353	0.11	-10	2.86	767	4	1.7	60	1140	-2	2.1	-5	30	127	-20	0.73	-10
466207	5480985	876413	TB08127353	0.15	-10	2.39	719	9	1.06	108	1460	-2	2.96	-5	30	66	-20	1.38	-10
466200	5480981	876414	TB08127353	0.24	20	3.34	1100	3	1.2	89	1470	-2	2.44	6	40	64	-20	1.3	-10
466197	5480981	876415	TB08127353	0.1	10	3.11	1100	11	0.72	93	2920	-2	2.89	-5	41	45	-20	1.02	-10
466193	5480982	876416	TB08127353	0.18	-10	3.32	969	2	1.29	61	1800	-2	1.37	-5	44	62	-20	1.22	10
466159	5480991	876417	TB08127353	0.18	-10	3.62	996	15	1.4	61	1280	-2	1.6	-5	44	66	-20	1.66	-10
466159	5480991	876418	TB08127353	0.15	10	3.29	958	33	1.12	56	1090	-2	1.5	-5	44	73	-20	1.68	-10
466166	5480987	876419	TB08127353	0.16	-10	3.24	965	-1	1.51	67	900	-2	3.19	-5	42	72	-20	1.3	-10
466163	5480992	876420	TB08127353	0.19	-10	7.84	1485	-1	0.45	49	5040	-2	0.53	-5	84	15	-20	2.04	-10
465995	5481041	876421	TB08127354	0.32	-10	1.55	392	26	1.66	26	70	-2	1.81	-5	16	88	-20	0.26	-10
465988	5481039	876422	TB08127354	0.11	-10	3.43	763	-1	1.46	44	90	-2	0.32	-5	41	97	-20	0.66	-10
465992	5481038	876423	TB08127354	0.11	-10	2.58	707	1	1.36	41	270	-2	0.92	7	27	103	-20	0.71	-10
465997	5481042	876424	TB08127354	0.3	-10	1.27	505	14	1.94	26	40	2	0.68	5	15	121	-20	0.24	-10
465996	5481042	876425	TB08127354	0.26	-10	1.26	310	7	1.87	45	70	-2	2.25	-5	7	96	-20	0.27	-10
466004	5481044	876426	TB08127354	0.02	-10	1.88	634	1	0.86	34	40	2	0.32	-5	26	120	-20	0.34	-10
465999	5481029	876427	TB08127354	0.04	-10	0.69	213	4	0.51	38	60	-2	6.76	5	7	20	-20	0.28	-10
BLANK		876428	TB08127354	0.02	-10	1.81	110	-1	0.06	4	80	2	-0.01	-5	-1	75	-20	0.01	-10
465999	5481029	876429	TB08127354	0.14	-10	2.75	672	1	2.19	102	30	-2	4.51	-5	27	107	-20	1.04	-10
466131	5480994	876430	TB08127354	0.15	-10	4.4	799	19	1.4	185	1670	-2	2.27	6	32	69	-20	1.06	10
466125	5480994	876431	TB08127354	0.11	10	3.79	873	68	0.77	109	8690	-2	2.18	7	31	68	-20	0.9	-10
466130	5480999	876432	TB08127354	0.05	40	0.65	206	971	0.69	182	1760	2	>10.0	-5	9	29	-20	0.4	-10
466133	5480999	876433	TB08127354	0.01	-10	0.22	57	779	0.18	114	1840	-2	8.6	-5	1	6	-20	0.07	-10
466973	5479754	876440	TB08127354	0.55	-10	0.56	289	-1	5.8	18	360	2	0.23	-5	2	253	-20	0.14	-10
466969	5479757	876441	TB08127354	0.14	-10	3.47	1320	1	0.7	108	290	-2	0.06	5	40	145	-20	0.54	-10
466969	5479753	876442	TB08127354	0.02	-10	3.56	1230	-1	0.95	104	350	-2	2.37	6	43	88	-20	0.62	-10
466115	5480962	876443	TB08127354	0.14	-10	5.22	609	11	0.97	37	200	-2	0.96	-5	19	65	-20	0.39	-10
466115	5480962	876444	TB08127354	0.03	-10	1.09	144	134	0.2	6	70	2	1.18	-5	4	10	-20	0.08	-10
466117	5480964	876445	TB08127354	0.18	-10	5.39	772	8	1.01	42	90	-2	0.4	6	16	74	-20	0.33	-10
466122	5480953	876446	TB08127354	0.3	-10	4.78	827	61	1.36	37	320	-2	0.43	-5	22	104	-20	0.36	-10

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	K % ME-ICP61	La ppm ME-ICP61	Mg % ME-ICP61	Mn ppm ME-ICP61	Mo ppm ME-ICP61	Na % ME-ICP61	Ni ppm ME-ICP61	P ppm ME-ICP61	Pb ppm ME-ICP61	S % ME-ICP61	Sb ppm ME-ICP61	Sc ppm ME-ICP61	Sr ppm ME-ICP61	Th ppm ME-ICP61	Ti % ME-ICP61	Tl ppm ME-ICP61
Standard: Oreas 4Pb		876447	TB08127354	0.76	20	0.18	82	2	0.07	17	90	9	0.01	10	6	20	-20	0.24	-10
466131	5480947	876448	TB08127354	0.02	-10	3.04	724	2	1.2	27	360	-2	0.19	-5	6	23	-20	0.38	-10
466157	5480941	876449	TB08127354	0.75	-10	2.16	532	28	2.45	60	280	-2	3.69	-5	14	241	-20	0.47	-10
466157	5480939	876450	TB08127354	0.11	-10	6.87	1110	3	0.55	97	350	-2	0.78	8	19	3	-20	0.96	-10
465648	5481044	876451	TB08127354	0.14	-10	3.94	1220	35	1.39	64	490	2	1.26	10	46	69	-20	1.1	-10
465649	5481044	876452	TB08127354	0.08	-10	2.05	757	122	0.7	39	470	-2	2	8	32	39	-20	0.66	-10
BLANK		876453	TB08127354	0.03	-10	1.7	107	1	0.09	7	90	-2	0.04	-5	1	76	-20	0.02	-10
465635	5481048	876454	TB08127354	0.11	-10	3.64	1460	-1	1.03	78	210	2	0.91	6	52	81	-20	0.94	-10
465758	5481057	876455	TB08127354	0.13	-10	0.88	331	-1	2.58	38	50	5	0.66	-5	10	119	-20	0.16	-10
465759	5481022	876456	TB08127354	0.15	-10	3.29	772	-1	0.4	180	1360	4	0.42	-5	8	114	-20	0.72	10
465775	5481005	876457	TB08127354	0.05	-10	8.45	1815	-1	0.98	105	210	2	0.19	-5	24	25	-20	0.74	-10
466666	5481326	876458	TB08127354	0.01	-10	4.5	1010	-1	0.18	126	40	-2	0.08	-5	8	44	-20	0.07	-10
466538	5481311	876459	TB08127354	0.08	-10	1.42	396	1	0.54	53	20	-2	0.04	-5	5	57	-20	0.07	-10
466376	5481351	876460	TB08127354	0.05	-10	0.54	163	-1	1.02	26	50	-2	-0.01	-5	2	46	-20	0.05	-10
466182	5481385	876461	TB08127354	0.04	-10	0.86	254	-1	0.37	46	40	-2	0.02	-5	3	42	-20	0.05	-10
466144	5481347	876462	TB08127354	0.27	-10	0.73	205	1	0.47	51	60	-2	0.03	-5	7	47	-20	0.12	-10
466144	5481346	876463	TB08127354	0.02	-10	4.43	760	2	0.1	112	140	2	0.29	-5	43	20	-20	0.24	-10
466144	5481010	876464	TB08127354	0.14	-10	0.78	301	13	1.38	23	70	-2	0.23	-5	11	113	-20	0.11	-10
468820	5481345	876465	TB08127354	0.27	-10	1.86	386	-1	1.45	29	30	-2	-0.01	-5	21	139	-20	0.07	-10
468157	5481328	876466	TB08127354	-0.01	-10	3.31	981	-1	0.1	78	240	2	0.35	-5	46	144	-20	0.97	10
466024	5480957	876467	TB08127354	0.15	-10	3.62	1015	-1	2.02	39	430	2	0.43	-5	46	120	-20	0.96	-10
466022	5480906	876468	TB08127354	0.91	20	2.6	606	-1	2.82	73	1250	3	0.06	-5	7	570	-20	0.27	-10
466018	5480905	876469	TB08127354	0.2	10	3.22	762	-1	2.02	87	780	2	0.18	-5	14	335	-20	0.37	-10
465968	5480841	876470	TB08127354	0.03	-10	6.26	1400	-1	0.21	74	550	-2	-0.01	-5	30	17	-20	0.94	10
469430	5481154	876471	TB08127354	0.12	-10	3.1	1455	-1	2.32	43	580	-2	0.05	-5	39	102	-20	0.99	-10
469429	5481164	876472	TB08127354	0.06	-10	2.31	1240	-1	1.74	33	490	4	0.05	-5	31	55	-20	0.78	-10
469078	5481093	876473	TB08127354	0.01	-10	3.06	1925	-1	1.57	45	700	4	0.14	6	44	97	-20	1.12	10
Standard: Oreas 18Pb		876474	TB08127354	0.58	10	3.07	1650	2	1.6	129	1380	19	1.71	10	15	297	-20	0.75	-10
474185	5481418	876156	VO08099351	0.05	-10	2.32	1330	-1	2.26	17	680	-2	0.08	-5	36	71	-20	0.98	10
474182	5481418	876157	VO08099351	0.07	-10	3.91	1820	-1	1.41	18	480	2	0.09	5	43	40	-20	1.19	-10
474241	5481013	876158	VO08099351	0.05	-10	1.83	1580	-1	1.15	36	390	4	0.1	-5	38	142	-20	0.68	-10
474189	5481380	876159	VO08099351	0.11	-10	3.44	1630	-1	2.24	31	710	2	0.04	-5	43	58	-20	1.16	-10
474195	5481592	876160	VO08099351	0.01	-10	4	887	-1	0.53	58	20	-2	0.06	-5	33	41	-20	0.92	10
474164	5481586	876161	VO08099351	0.05	-10	6.35	1260	-1	0.81	47	20	-2	0.01	7	41	9	-20	0.79	-10
474279	5481513	876162	VO08099351	0.07	-10	2.7	1465	-1	1.54	28	770	-2	0.15	6	47	156	-20	1.31	-10
STANDARD ???		876201	VO08099353	2.64	10	1.11	387	4	1.91	22	840	24	1.6	-5	11	360	-20	0.24	-10
470145	5490781	794379	VO08099352	0.13	10	4.45	1350	-1	1.26	81	230	-2	0.08	-5	30	131	20	0.45	-10
473674	5481699	794380	VO08099352	0.04	-10	2.8	391	1	0.02	42	10	-2	-0.01	-5	1	2	-20	0.07	-10
473680	5481718	794381	VO08099352	1.54	-10	1.87	364	1	0.28	34	10	-2	0.18	-5	5	20	-20	0.07	-10
473680	5481718	794382	VO08099352	0.07	-10	5	1620	-1	0.71	55	230	-2	0.04	-5	40	13	20	1.08	-10
Standard: 50 Pb		794383	VO08099352	3	10	1.1	341	3	2.47	25	880	11	0.76	-5	10	388	20	0.23	-10
473698	5481716	794384	VO08099352	0.14	10	5.47	1810	-1	0.47	87	3770	-2	0.1	-5	45	12	20	0.9	-10
473687	5481705	794385	VO08099352	1.08	10	0.47	139	-1	3.69	8	170	-2	-0.01	-5	2	109	-20	0.08	-10
473777	5481854	794386	VO08099352	0.11	10	2.97	1030	-1	1.89	64	690	-2	-0.01	-5	32	99	-20	0.64	-10
473777	5481738	794387	VO08099352	0.07	-10	5.11	1460	-1	1.09	40	60	-2	0.04	-5	37	105	-20	0.61	10
473793	5481490	794388	VO08099352	0.01	-10	0.63	249	1	0.04	14	100	-2	0.01	-5	5	13	-20	0.11	-10
473793	5481491	794389	VO08099352	0.01	-10	3.2	808	-1	1.39	105	840	-2	0.31	-5	25	48	-20	0.73	-10
473889	5481483	794390	VO08099352	0.01	-10	3.43	1315	-1	1.45	44	370	-2	0.25	-5	45	50	-20	0.65	10
473874	5481814	794391	VO08099352	0.11	-10	5.9	1310	-1	1.72	35	20	-2	-0.01	-5	49	92	-20	0.57	-10
473866	5481810	794392	VO08099352	0.31	-10	0.57	162	-1	4.55	10	220	-2	-0.01	5	2	228	-20	0.1	-10
BLANK		794393	VO08099352	0.21	-10	0.27	28	-1	0.05	1	50	-2	-0.01	-5	1	194	20	0.02	-10
473897	5481839	794394	VO08099352	0.11	-10	7.65	1600	-1	0.97	41	10	-2	0.02	-5	59	35	-20	0.44	10

Standard
Duplicate
Blank

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	U ppm ME-ICP61	V ppm ME-ICP61	W ppm ME-ICP61	Zn ppm ME-ICP61	Cu % Cu-OG62
466052	5481025	866001	TB08127354	-10	358	-10	27	
466053	5481023	866002	TB08127354	-10	649	-10	35	
466053	5481023	866003	TB08127354	-10	385	-10	30	
469520	5480862	866004	TB08127354	-10	70	-10	35	
469525	5480867	866005	TB08127354	-10	184	-10	53	
469485	5480867	866006	TB08127354	-10	8	-10	6	
476601	5483661	866007	TB08127354	-10	419	-10	105	
476603	5483658	866008	TB08127354	-10	329	-10	92	
476608	5483654	866009	TB08127354	-10	317	-10	113	
476603	5483655	866010	TB08127354	-10	332	-10	138	
476598	5483656	866011	TB08127354	-10	313	10	91	
476604	5483657	866012	TB08127354	-10	382	-10	103	
476605	5483658	866013	TB08127354	-10	398	-10	90	
476498	5483708	866014	TB08127354	-10	349	-10	119	
476481	5483723	866015	TB08127354	-10	358	-10	113	
Standard: Oreas 54 Pa		866016	TB08127354	-10	122	-10	97	1.48
476330	5483276	866017	TB08127354	-10	14	-10	51	
476391	5483221	866018	TB08127354	-10	13	-10	34	
476383	5483169	866019	TB08127354	-10	11	-10	13	
476380	5483176	866020	TB08127354	-10	12	-10	15	
476607	5483833	866021	TB08127354	-10	297	-10	93	
476610	5483832	866022	TB08127354	-10	315	-10	108	
476645	5483767	866023	TB08127354	-10	340	-10	79	
476643	5483762	866024	TB08127354	-10	321	-10	102	
476639	5483760	866025	TB08127354	-10	300	-10	73	
466131	5480984	866026	TB08127354	-10	239	10	8	
BLANK		866027	TB08127354	-10	2	-10	-2	
466135	5480990	866028	TB08127354	-10	669	20	63	
466135	5480988	866029	TB08127354	-10	166	-10	10	
466134	5480986	866030	TB08127354	-10	195	-10	46	
466132	5480986	866031	TB08127354	-10	41	-10	4	
466134	5480983	866032	TB08127354	-10	119	-10	17	
466134	5480983	866033	TB08127354	-10	293	-10	107	
465997	5481039	866034	TB08127354	-10	540	-10	17	
465631	5481142	866035	TB08127354	-10	184	-10	23	
Standard: Oreas 15 Pa		866038	TB08127354	-10	140	-10	121	
472497	5479799	876131	TB08127354	-10	313	-10	97	
472497	5479874	876132	TB08127354	-10	313	-10	60	
472480	5479898	876133	TB08127353	-10	318	-10	87	
472212	5479529	876134	TB08127353	-10	188	-10	106	
472349	5479805	876135	TB08127353	-10	186	-10	79	
474803	5481489	876136	TB08127353	-10	339	-10	60	
474803	5481494	876137	TB08127353	-10	332	-10	85	
475389	5481750	876138	TB08127353	-10	428	-10	88	
475389	5481750	876139	TB08127353	-10	458	-10	157	
474674	5481474	876140	TB08127353	-10	430	-10	64	
465627	5481201	876141	TB08127353	-10	114	-10	59	
465647	5481159	876142	TB08127353	-10	67	-10	32	
465582	5481045	876143	TB08127353	-10	379	-10	27	
465579	5480895	876144	TB08127353	-10	369	-10	131	
465576	5480894	876145	TB08127353	-10	132	-10	26	
465611	5481114	876146	TB08127353	-10	218	-10	23	
465614	5481031	876147	TB08127353	-10	378	-10	22	
465636	5481016	876148	TB08127353	-10	116	-10	66	
465709	5481036	876149	TB08127353	-10	488	10	37	
465708	5481037	876150	TB08127353	-10	395	-10	31	
465474	5481166	876204	TB08127353	-10	158	-10	25	
465474	5481168	876205	TB08127353	10	136	-10	34	
465487	5481180	876206	TB08127353	-10	117	-10	26	
465488	5481177	876207	TB08127353	-10	93	-10	29	

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	U ppm ME-ICP61	V ppm ME-ICP61	W ppm ME-ICP61	Zn ppm ME-ICP61	Cu % Cu-OG62
465490	5481176	876208	TB08127353	-10	158	-10	30	
465821	5481105	876209	TB08127353	-10	167	-10	35	
465822	5481105	876210	TB08127353	-10	217	-10	29	
465822	5481121	876211	TB08127353	10	132	-10	24	
465828	5481123	876212	TB08127353	-10	196	-10	39	
465889	5481167	876213	TB08127353	-10	83	-10	9	
465886	5481168	876214	TB08127353	-10	68	-10	23	
465883	5481357	876215	TB08127353	-10	117	-10	33	
465855	5481365	876216	TB08127353	-10	120	-10	13	
466157	5481264	876217	TB08127353	-10	76	-10	36	
466157	5481253	876218	TB08127353	-10	51	-10	69	
466157	5481253	876219	TB08127353	-10	101	-10	76	
466141	5481226	876220	TB08127353	-10	7190	-10	54	
466141	5481226	876221	TB08127353	-10	7790	-10	45	
466052	5481123	876222	TB08127353	-10	142	-10	12	
466061	5481205	876223	TB08127353	-10	130	-10	16	
466068	5481332	876224	TB08127353	-10	259	-10	35	
468609	5481038	876225	TB08127353	-10	321	-10	59	
468631	5481061	876226	TB08127353	-10	332	-10	107	
469779	5490782	876227	TB08127353	-10	44	-10	14	
469861	5490784	876228	TB08127353	-10	13	-10	28	
469859	5490782	876229	TB08127353	-10	61	-10	69	
Standard: 15Pa		876230	TB08127353	-10	146	-10	111	
475545	5481840	876326	TB08127353	10	1	-10	-2	
475545	5481840	876327	TB08127353	10	8	-10	17	
475671	5481780	876328	TB08127353	-10	338	-10	83	
475710	5481825	876329	TB08127353	10	14	-10	12	
475754	5481825	876330	TB08127353	-10	336	-10	115	
475799	5481841	876331	TB08127353	-10	383	-10	62	
476272	5482025	876332	TB08127353	10	15	-10	16	
476446	5482267	876333	TB08127353	10	14	-10	7	
476423	5482253	876334	TB08127353	10	13	-10	7	
Standard: Oreas 18Pb		876335	TB08127353	-10	136	-10	119	
476396	5482240	876336	TB08127353	-10	8	-10	6	
466494	5481037	876337	TB08127353	-10	298	-10	76	
466282	5481214	876338	TB08127353	-10	278	-10	37	
466284	5481217	876339	TB08127353	-10	501	-10	44	
466280	5481213	876340	TB08127353	-10	36	-10	47	
466298	5481232	876341	TB08127353	-10	208	-10	17	
466350	5481176	876342	TB08127353	-10	160	-10	15	
BLANK		876343	TB08127353	-10	1	-10	2	
466385	5481150	876344	TB08127353	-10	154	-10	25	
466385	5481150	876345	TB08127353	-10	371	-10	59	
466330	5481229	876346	TB08127353	-10	88	-10	17	
466453	5481064	876347	TB08127353	-10	44	-10	14	
466476	5481027	876348	TB08127353	-10	1780	-10	47	
466509	5481022	876349	TB08127353	-10	68	-10	55	
466417	5481009	876350	TB08127353	-10	354	-10	36	
472488	5479794	876366	TB08127353	-10	341	-10	113	
472499	5479812	876367	TB08127353	-10	107	-10	58	
472499	5479812	876368	TB08127353	-10	241	-10	71	
472498	5479789	876369	TB08127353	-10	329	-10	94	
472470	5479947	876370	TB08127353	-10	371	-10	220	
474242	5481333	876371	TB08127353	-10	453	-10	71	
474239	5481346	876372	TB08127353	-10	321	-10	86	
474238	5481355	876373	TB08127353	-10	421	-10	116	
474303	5481395	876374	TB08127353	-10	377	-10	122	
474305	5481400	876375	TB08127353	-10	409	-10	74	
472691	5479958	876376	TB08127353	10	200	-10	48	
472701	5479971	876377	TB08127353	-10	263	-10	43	

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	U ppm ME-ICP61	V ppm ME-ICP61	W ppm ME-ICP61	Zn ppm ME-ICP61	Cu % Cu-OG62
465317	5481255	876381	TB08127353	-10	191	-10	20	
465317	5481255	876382	TB08127353	-10	174	-10	25	
465311	5481267	876383	TB08127353	-10	2330	-10	48	
465310	5481262	876384	TB08127353	-10	753	-10	51	
465296	5481248	876385	TB08127353	10	84	-10	13	
465296	5481255	876386	TB08127353	-10	88	-10	13	
465291	5481253	876387	TB08127353	-10	204	-10	15	
465290	5481286	876388	TB08127353	-10	247	-10	19	
465289	5481281	876389	TB08127353	-10	227	-10	19	
465284	5481276	876390	TB08127353	-10	105	-10	10	
465287	5481276	876391	TB08127353	-10	194	-10	28	
465400	5481340	876392	TB08127353	-10	60	-10	29	
465402	5481331	876393	TB08127353	-10	32	-10	35	
465373	5481290	876394	TB08127353	-10	57	-10	37	
465353	5481294	876395	TB08127353	-10	167	-10	27	
465353	5481294	876396	TB08127353	10	168	-10	22	
465354	5481301	876397	TB08127353	-10	74	-10	24	
465477	5481174	876398	TB08127353	-10	177	-10	33	
465469	5481167	876399	TB08127353	-10	279	-10	39	
Standard 54Pa		876400	TB08127353	-10	124	-10	102	1.54
466257	5480991	876401	TB08127353	-10	160	-10	12	
466250	5480994	876402	TB08127353	-10	487	-10	30	
466243	5480990	876403	TB08127353	-10	611	-10	43	
466239	5480988	876404	TB08127353	-10	512	-10	30	
466233	5480990	876405	TB08127353	-10	679	-10	40	
466233	5480984	876406	TB08127353	-10	578	-10	43	
466228	5480987	876407	TB08127353	-10	695	-10	37	
466221	5480990	876408	TB08127353	-10	458	-10	33	
466217	5480984	876409	TB08127353	-10	411	-10	46	
Standard: Oreas 50Pb		876410	TB08127353	-10	104	-10	67	
466219	5480981	876411	TB08127353	-10	739	-10	49	
466218	5480991	876412	TB08127353	-10	446	10	37	
466207	5480985	876413	TB08127353	-10	1115	-10	29	
466200	5480981	876414	TB08127353	-10	730	-10	44	
466197	5480981	876415	TB08127353	-10	507	-10	45	
466193	5480982	876416	TB08127353	-10	554	-10	44	
466159	5480991	876417	TB08127353	-10	902	-10	41	
466159	5480991	876418	TB08127353	-10	935	-10	37	
466166	5480987	876419	TB08127353	-10	751	-10	35	
466163	5480992	876420	TB08127353	-10	740	-10	27	
465995	5481041	876421	TB08127354	-10	223	-10	19	
465988	5481039	876422	TB08127354	-10	377	-10	38	
465992	5481038	876423	TB08127354	-10	959	-10	34	
465997	5481042	876424	TB08127354	-10	286	-10	26	
465996	5481042	876425	TB08127354	-10	302	-10	14	
466004	5481044	876426	TB08127354	-10	240	-10	21	
465999	5481029	876427	TB08127354	-10	164	-10	9	
BLANK		876428	TB08127354	-10	3	-10	7	
465999	5481029	876429	TB08127354	-10	662	-10	31	
466131	5480994	876430	TB08127354	-10	377	-10	49	
466125	5480994	876431	TB08127354	-10	471	-10	50	
466130	5480999	876432	TB08127354	-10	113	-10	34	
466133	5480999	876433	TB08127354	-10	37	-10	14	
466973	5479754	876440	TB08127354	-10	34	-10	42	
466969	5479757	876441	TB08127354	-10	266	-10	86	
466969	5479753	876442	TB08127354	-10	283	-10	68	
466115	5480962	876443	TB08127354	-10	202	-10	31	
466115	5480962	876444	TB08127354	-10	40	-10	7	
466117	5480964	876445	TB08127354	-10	202	-10	34	
466122	5480953	876446	TB08127354	-10	179	-10	23	

Easting NAD 83	Northing NAD 83	Sample #	Assay Certificate	U ppm ME-ICP61	V ppm ME-ICP61	W ppm ME-ICP61	Zn ppm ME-ICP61	Cu % Cu-OG62
Standard: Oreas 4Pb		876447	TB08127354	-10	47	-10	29	
466131	5480947	876448	TB08127354	-10	91	-10	18	
466157	5480941	876449	TB08127354	-10	503	-10	20	
466157	5480939	876450	TB08127354	-10	689	-10	50	
465648	5481044	876451	TB08127354	-10	491	-10	64	
465649	5481044	876452	TB08127354	-10	359	-10	38	
BLANK		876453	TB08127354	-10	7	-10	4	
465635	5481048	876454	TB08127354	-10	673	-10	75	
465758	5481057	876455	TB08127354	-10	149	-10	14	
465759	5481022	876456	TB08127354	-10	715	-10	67	
465775	5481005	876457	TB08127354	-10	253	-10	19	
466666	5481326	876458	TB08127354	-10	49	-10	38	
466538	5481311	876459	TB08127354	-10	75	-10	13	
466376	5481351	876460	TB08127354	-10	33	-10	8	
466182	5481385	876461	TB08127354	-10	33	-10	12	
466144	5481347	876462	TB08127354	-10	95	-10	14	
466144	5481346	876463	TB08127354	-10	207	-10	34	
466144	5481010	876464	TB08127354	-10	154	-10	13	
468820	5481345	876465	TB08127354	-10	161	-10	22	
468157	5481328	876466	TB08127354	-10	678	-10	51	
466024	5480957	876467	TB08127354	-10	800	-10	37	
466022	5480906	876468	TB08127354	-10	95	-10	59	
466018	5480905	876469	TB08127354	-10	173	-10	75	
465968	5480841	876470	TB08127354	-10	327	-10	135	
469430	5481154	876471	TB08127354	-10	377	-10	42	
469429	5481164	876472	TB08127354	-10	287	-10	47	
469078	5481093	876473	TB08127354	-10	413	-10	83	
Standard: Oreas 18Pb		876474	TB08127354	-10	130	-10	111	
474185	5481418	876156	VO08099351	10	357	-10	71	
474182	5481418	876157	VO08099351	-10	409	-10	98	
474241	5481013	876158	VO08099351	-10	291	-10	97	
474189	5481380	876159	VO08099351	-10	406	10	85	
474195	5481592	876160	VO08099351	-10	766	-10	41	
474164	5481586	876161	VO08099351	-10	228	10	46	
474279	5481513	876162	VO08099351	-10	405	-10	78	
STANDARD ???		876201	VO08099353	-10	130	-10	115	1.53
470145	5490781	794379	VO08099352	10	244	-10	90	
473674	5481699	794380	VO08099352	10	144	-10	50	
473680	5481718	794381	VO08099352	10	369	-10	32	
473680	5481718	794382	VO08099352	10	991	-10	29	
Standard: 50 Pb		794383	VO08099352	10	107	-10	66	
473698	5481716	794384	VO08099352	10	1100	-10	28	
473687	5481705	794385	VO08099352	10	19	-10	4	
473777	5481854	794386	VO08099352	10	210	-10	20	
473777	5481738	794387	VO08099352	-10	390	-10	33	
473793	5481490	794388	VO08099352	-10	70	-10	8	
473793	5481491	794389	VO08099352	-10	522	-10	29	
473889	5481483	794390	VO08099352	-10	314	-10	50	
473874	5481814	794391	VO08099352	10	53	-10	28	
473866	5481810	794392	VO08099352	20	16	-10	5	
BLANK		794393	VO08099352	10	2	-10	9	
473897	5481839	794394	VO08099352	-10	104	-10	36	

Standard
Duplicate
Blank

APPENDIX IV

ABITIBI GEOPHYSICS

1746, CH. SULLIVAN, VAL-D'OR (QUEBEC) J9P 7H1

TEL.: 819-874-8800 FAX: 819-874-8801

WWW.AGEOPHYSICS.COM

DIAGNOS INC.

RESISTIVITY / INDUCED POLARIZATION & GROUND *INFINITEM*® SURVEYS

ARIANNE PROPERTY
JAMES BAY MUNICIPALITY
QUEBEC, CANADA
INTERPRETATION REPORT

07N092B

APRIL 2008

INFINI-TEM®
Patent No.: US 7, 116, 107 B2

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ABSTRACT

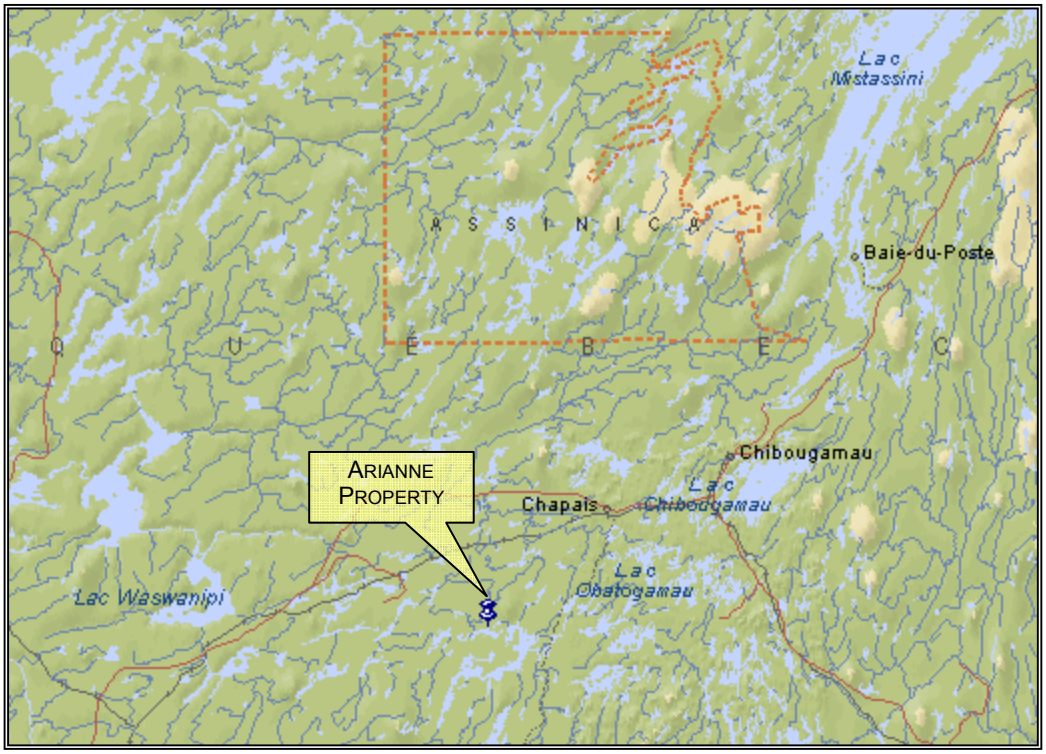
*On behalf of Diagnos Inc., a **Resistivity / Induced Polarization** and a ground **InfiniTEM®** TDEM survey were carried out over the Arianne Property. The complementary use of both techniques will allow us to map the full range from disseminated to massive sulphides mineralization.*

*During the months of February and March 2008, **23.08 km** of IP surveying (dipole-dipole; a = 25 m and n = 1 to 6) and **10.11 km** of ground InfiniTEM® were carried out over part of the **Arianne Property**. Survey specifications, instrumentation control, data acquisition, processing and interpretation were all successfully performed within our Quality System framework.*

*A total of nineteen chargeability anomalies were identified on the **A1 Grid** and twenty three on the **A2 Grid.** On the **A1 Grid**, the IP anomalies extend NW-SE and are probably caused by shallow sources. The most interesting targets could be related to quartz veins style mineralization (**A1-02**, **A1-04** and the northern portion of **A1-05**). On the **A2 Grid**, the most promising targets (**A2-03**, **A2-04**, **A2-05**, **A2-07**, **A2-08**, **A2-09**, **A2-11**, and **A2-18**) do not have a resistive association which could allow to interpret their origins. However, prospecting and drilling is suggested to better define their origin. One ground InfiniTEM® anomaly (**A2-EM01**) was detected over the **A2 Grid.** It shows a moderate to poor conductance which seems to correspond to a chargeable and conductive anomaly (**A2-09**). On both grids, large conductive areas disrupt the background and could be related to shear zones (two faults were interpreted on the **A1** and **A2 Grids**).*

1. THE MANDATE

❑ *PROJECT ID*	**Arianne Property** (Our reference: **07N092B**)
❑ *GENERAL LOCATION*	James Bay Municipality, Quebec, Canada.
❑ *CUSTOMER*	**Diagnos Inc.** 7005, boul. Taschereau, # 340 Brossard, Quebec, Canada J4Z 1A7 Phone: (450) 678-8882, extension 239. Fax: (450) 678-8119
❑ *REPRESENTATIVE*	**Mr. Jean-Philippe Mai**, B. Sc., GIT Project Manager - Diagnos Inc. jpmai@diagnos.ca
❑ *SURVEY TYPE*	• **Time domain resistivity / induced polarization** • **Ground *InfiniTEM*® TDEM**
❑ *GEOPHYSICAL OBJECTIVES*	• Assess the presence of semi-massive, massive and disseminated sulphides. • Propose a follow-up program over the most promising anomalies.



GENERAL LOCATION OF THE ARIANNE PROPERTY

2. THE ARIANNE PROPERTY

- ❑ *LOCATION*: James Bay Municipality
  Centered on ~49° 33' N and ~75° 20' W
  NTS sheets: **32G/06**, **11 & 12**

- ❑ *NEAREST SETTLEMENT*: **Chapais** (approximately 43 km towards the northeast from the Arianne Property).

- ❑ *ACCESS*: About 15 km before the town of Chapais, drive south for approximately 37 km on a logging road and turn west. From there, continue for about 15 km to reach the Arianne Property.

- ❑ *GEOMORPHOLOGY*: The property lies over a flat terrain crossed by several rivers. The topography presents a denivelation of approximately 16 feet. It is covered by dense vegetation and some swamps.

- ❑ *CULTURAL FEATURES*: None over the survey area.

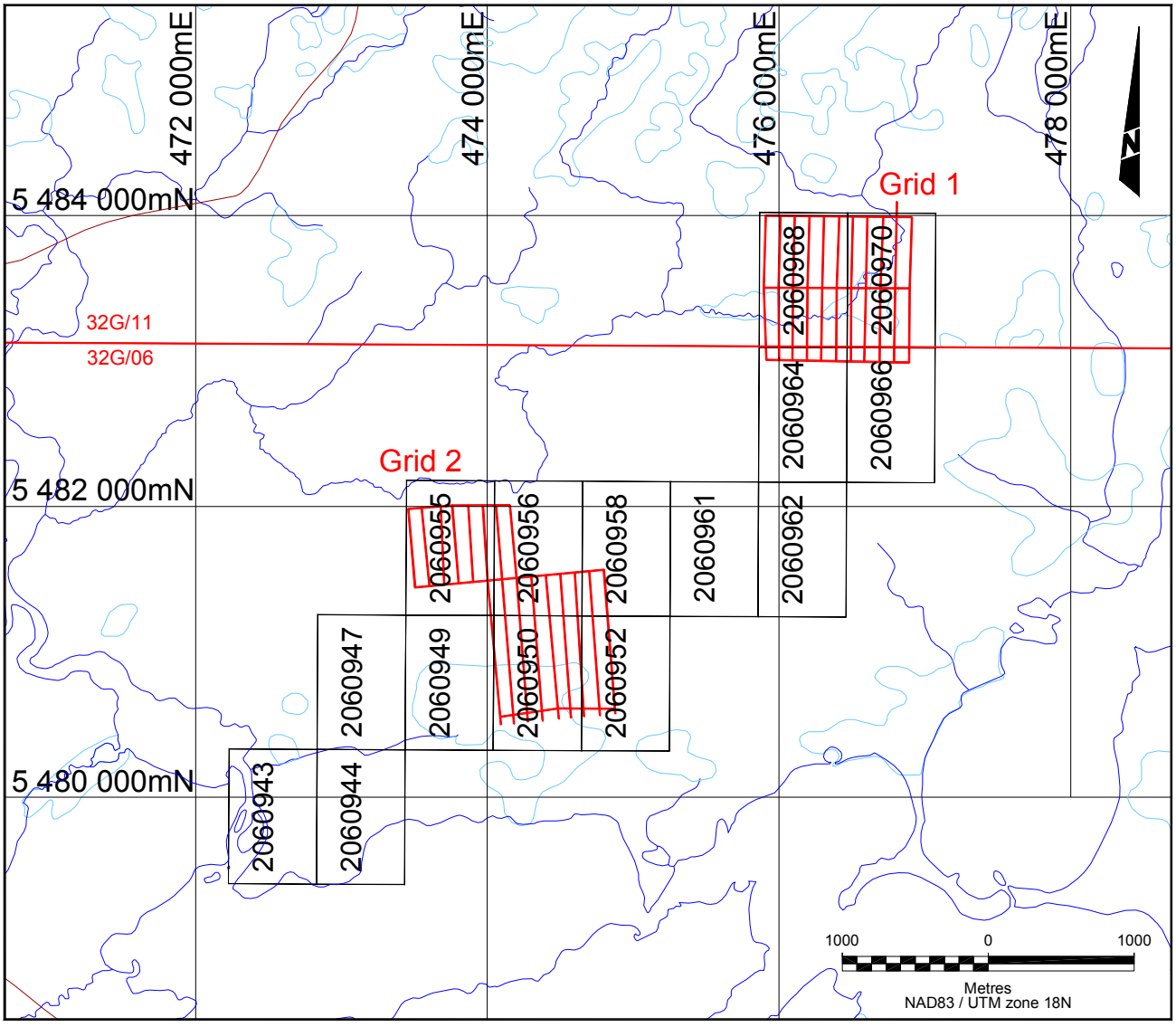
- ❑ *SURVEY GRIDS*: The Arianne Property includes two survey grids, named **A1** and **A2**.

  A1 Grid consists of N-S survey lines at 100 m interval extending from lines 0+00E to 9+00E, crossed by a baseline (0+00) and two tie lines (5+00N and 5+00S). All lines were picketed at every 25 m.

  A2 Grid consists of N-S survey lines of variable length at 100 m interval extending from 0+00E to 13+00E. One base line and (0+00) two tie lines (5+00N and 10+00S) cross the survey lines. All lines are picketed every 25 m.

  Refer to the figure on the following page for the grid layout.

- ❑ *COORDINATE SYSTEM*: Projection: Universal Transverse Mercator
  Datum: NAD27
  UTM Zone: 18N

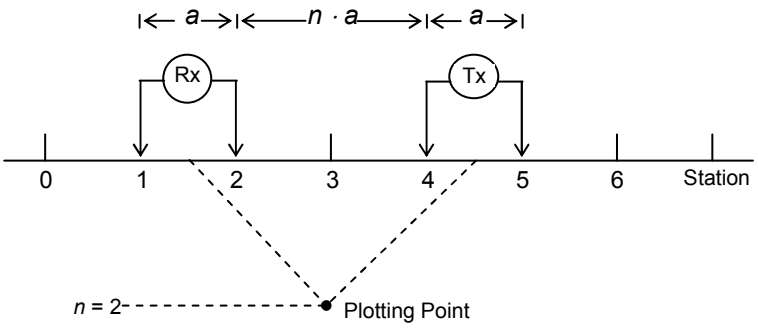


INDEX OF CLAIMS AND SURVEY GRIDS – ARIANNE PROPERTY

3. RESISTIVITY / INDUCED POLARIZATION SURVEY

❑ *TYPE OF SURVEY*

Time domain resistivity / induced polarization
Dipole-dipole array, "a" = **25 m**, "n" = **1 to 6**



❑ *PERSONNEL*

Claude Saint Jacques,	Crew chief & geophysical operator
Martin Fournier,	Field assistant
Jocelyn Desgagnés,	Field assistant
Darryl Ouellette,	Field assistant
Carole Picard, Tech.,	Data processing & plotting
Martin Dubois, Geo.,	QC
Antonia Alvarado, MASc,	QC & Interpretation
Steve Boucher, Eng.,	Final validation of product conformity

❑ *DATA ACQUISITION*

A1 Grid: February 14th to 18th , 2008
A2 Grid: February 19th to 24th , 2008

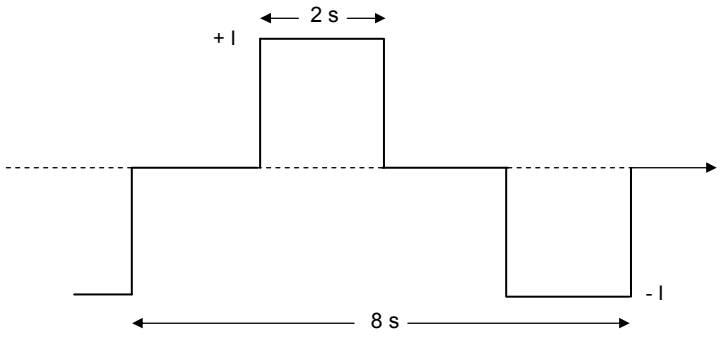
❑ *SURVEY COVERAGE*

A1 Grid: 10.1 km
A2 Grid: 12.98 km

❑ *IP TRANSMITTER (TX)*

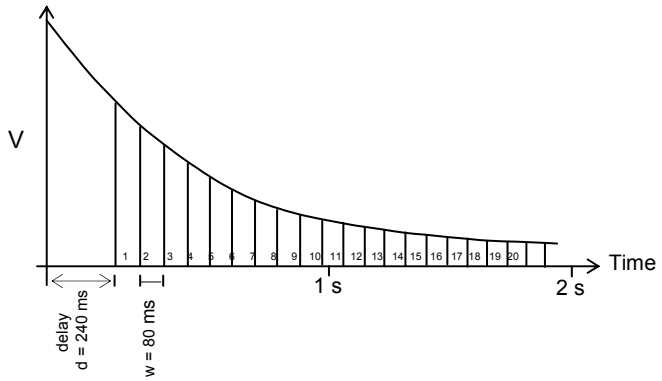
GDD Instruments TxII, s/n 296

Power supply:	Honda 1.8 kVA
Maximum output:	up to 1.8 kW or 10 A or 2000 V
Electrodes:	shape memory alloy
Resolution:	1 mA on output current display I
Waveform:	bipolar square wave with 50% duty cycle
Pulse duration:	2 seconds



❑ *IP RECEIVER (RX)*

IRIS Elrec-PRO, s/n 184 (10 input channels)
Electrodes: shape memory alloy
V_P Primary voltage measurement:
✧ Input impedance: 100 MΩ
✧ Resolution: 1 µV
✧ Typical accuracy: **0.2%**
M_a Apparent chargeability measurement:
✧ Resolution: 0.01 mV/V
✧ Typical accuracy: **0.4%**
✧ Arithmetic sampling mode, 20 time slices (M_1 to M_{20})



All gates are normalized with respect to a standard decay curve for QC in the field.

❑ *APPARENT RESISTIVITY CALCULATION*

$$\rho_a = \pi \cdot n \cdot (n+1) \cdot (n+2) \cdot a \cdot \frac{V_p}{I} \quad (\Omega \cdot m)$$

Cumulative error: 5% max, mainly due to chaining accuracy.

❑ *QUALITY CONTROL*

Before the survey:
✓ Transmitter & motor generator were checked for maximum output using calibrated loads.
✓ Receiver was checked using the Abitibi Geophysics SIMP™ certified and calibrated V_P & M_a signal simulator.

During data acquisition:
✓ Rx & Tx cable insulation was verified every morning.
✓ Proprietary Software *Refusilo*® allowed a daily thorough monitoring of data quality and survey efficiency.
✓ Enough pulses were stacked: 6 pulses for every reading.
✓ The crew chief reported that there were several errors in the numbering (picketing) of the stations on both grids. This fact affects the daily productivity and the QC of the data.

At the Base of Operations:
✓ Field QCs were inspected & validated.
✓ Each IP decay curve was analyzed with *Refusilo*®. The few gates that were rejected were not included in the calculation of the plotted M_a.

❑ *QUALITY STATISTICS*

Dipole-dipole: a = 25 m, n= 1 to 6		A1 Grid	A2 Grid
Average contact resistance at the Rx		9.4 kΩ	8.1 kΩ
Average output current across C_1-C_2		485 mA	496 mA
Average measured voltage Vp across P_1-P_2	n = 1	3383 mV	4803 mV
	n = 6	131 mV	194 mV
Observed gates found to fit a pure electrode polarization relaxation curve		96.6 %	97.7 %
Average deviation of the validated normalized gates with respect to the plotted mean chargeabilities	n = 1	0.06 mV/V	0.16 mV/V
	n = 6	0.19 mV/V	0.21 mV/V

4. GROUND *INFINITEM*® SURVEY

- ❑ *TYPE OF SURVEY*

  TDEM (Time Domain ElectroMagnetics)
  Configuration : *InfiniTEM*® (Patent No.: US 7,116,107 B2)
  Reading intervals: 50 m / detail every 25 m

- ❑ *MEASUREMENTS*

  Vertical **Z** and horizontal/orthogonal **X** & **Y** partial derivatives **∂B/∂t** of the secondary magnetic field (inductive coils).

- ❑ *PERSONNEL*

Jacques Demers, Tech.,	Crew chief
Mathieu Simard,	Field Assistant
P. François Leger,	Field assistant
Pascal Demontigny,	Field assistant
Carole Picard, Tech.,	Data plotting
Antonia Alvarado, MASc,	Fieldwork supervision, data processing, QC & interpretation
Steve Boucher, Eng.,	Final validation of product conformity

- ❑ *DATA ACQUISITION*

  A1 Grid: March 14th and 15th , 2008
  A2 Grid: February 17th and 18th, 2008

- ❑ *SURVEY COVERAGE*

  A1 Grid: 5.0 km
  A2 Grid: 5.48 km

- ❑ *TRANSMITTING LOOPS SPECIFICATIONS*

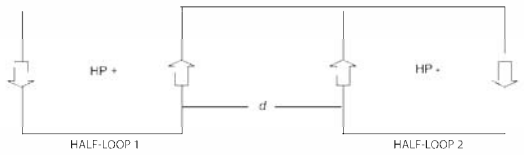
  Refer to table 1 and to the *Geophysical Interpretation Map* (10.0_A2) inserted in a pouch at the end of this report for the loop layout.

Table 1: Transmitting Loops Specifications

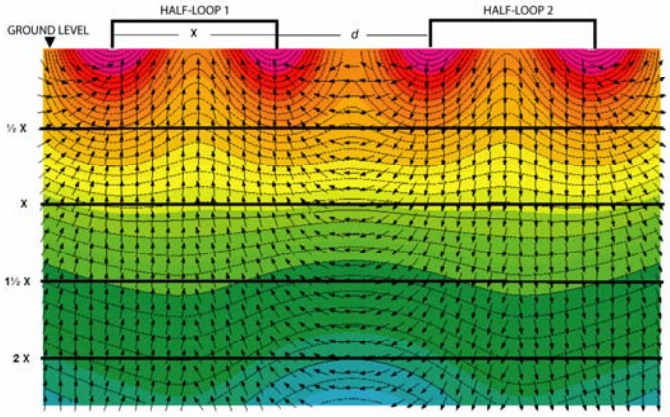
Grid	Loop #	Size (mN x mE)	Acquisition (YY-MM-DD)	Current (A)	Turn-Off Time (µs)
A1	DBD01	1000 x 1000	08-03-14 08-03-15	15.2	400
A2	DDD02	1200 x 1300	08-03-17 08-03-18	13.3	400

❑ *INFINITEM® PRIMARY FIELD*

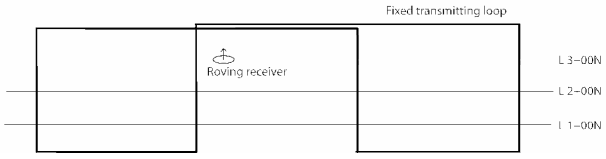
A: InfiniTEM® Configuration - Plan View



B: InfiniTEM® Configuration - Cross-Section



C: InfiniTEM® Survey Design

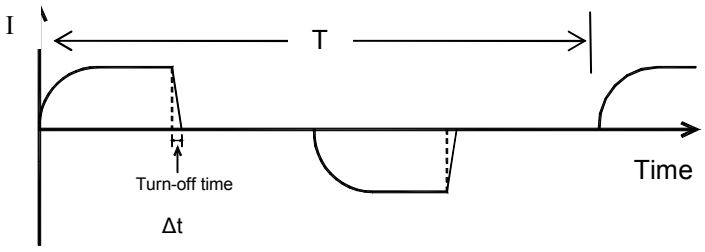


❑ *TDEM TRANSMITTER (TX)*

Geonics **TEM57-MK2**, s/n 30604

Power supply :	5.5 kVA Kubota motor generator
Maximum output :	up to 7.5 kW, 25 A or 1000 V
Transmitted signal :	bipolar wave, 50% duty cycle
Repetition rate :	30 Hz (T/4 = 8.333 ms)

Current (I) waveform in the Tx loop:



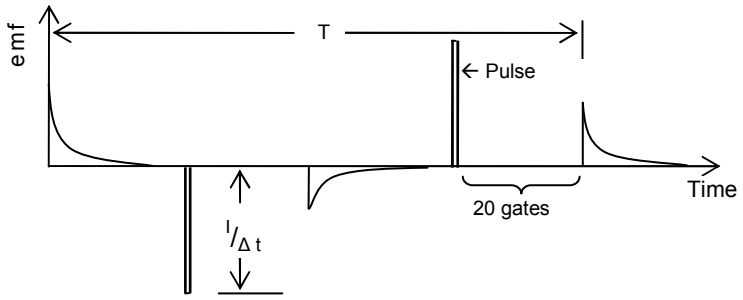
❑ *TDEM RECEIVER (RX)*

Geonics Digital **Protem 67D**, s/n 31704
T_x synchronization: crystal
Integration time: 1 cycle of 30 seconds
Start of integration : 80 µs from end of trailing edge
Number of gates : 20, geometrically spaced
Additional delay : 0

Table 2 : PROTEM Time Gates Location

Gates #	Start (µs)	Center (µs)	Width (µs)
1	80.00	88.13	16.25
2	96.25	106.9	21.25
3	117.5	131.3	27.50
4	145.0	161.9	33.75
5	178.8	200.6	43.75
6	222.5	250.6	56.25
7	278.5	314.4	71.25
8	350.0	395.6	91.25
9	441.3	499.4	116.3
10	557.5	631.3	147.5
11	705.0	799.4	188.8
12	893.8	1014	240.0
13	1134	1287	306.3
14	1440	1636	391.3
15	1831	2081	498.8
16	2330	2648	636.3
17	2966	3373	812.5
18	3779	4297	1036
19	4815	5475	1321
20	6136	6978	1685

Electromotive force waveform generated in the ground



- *SURFACE COIL*

Geonics **3D-3**, s/n 303
Simultaneous measurement of the Z, X & Y components.
Effective area: 200 m^2

- *SIGNS CONVENTION*

Z: vertical, positive upward.
X: orthogonal, positive towards grid's North.
Y: orthogonal, positive towards grid's West.

- *SOFTWARE*

Geonics PROTEM : Rx data transfer to PC via RS232
Geonics DATEM : Quality control
EMIT Maxwell© : Data processing, plotting and interpretation.

- *QUALITY CONTROL (RECORDS AVAILABLE UPON REQUEST)*

Before the survey:
- ✓ Transmitter & motor generator were checked for maximum output using calibrated loads.
- ✓ GSC geomagnetic forecasts were consulted.

Daily and prior to data acquisition:
- ✓ Receiver was calibrated and accurately synchronized with the transmitter.
- ✓ The battery voltage of the receiver was checked.
- ✓ The polarity of the primary field was checked.
- ✓ Crystal drifts have been thoroughly monitored daily and are within quality control specifications.

At the Base of Operations:
- ✓ Field QCs were inspected & validated.
- ✓ X, Y & Z - Primary field components polarity was checked & corrected if required.

Survey noise evaluation:
- ✓ No geomagnetic activity was observed throughout the survey period.
- ✓ No abnormal instrumental noise was detected during the survey.
- ✓ The background geological noise over the Arianne Property is evaluated at approximately 0.11 nV/Am^2.

5. DATA PROCESSING AND DELIVERABLES

- ***SPECTRAL IP PROCESSING***

The spectral analysis of the measured IP decay curve results in a quantitative evaluation of the IP time constant of the various sources. This parameter is the fingerprint of the mineral causing the IP response whereas chargeability is indicative of the amount of this polarizable mineral; both are complementary. So spectral analysis may lead to mineral discrimination based upon the characteristics of the source (sulphides, oxides, clay minerals). Inversion of the IP decay curves was done using the Australian AGR robust core algorithm. A map of the time constant at a depth of 40 or 50 m is presented in addition to the ***image2D***® resistivity and chargeability maps.

- ***TRUE-DEPTH IP SECTIONS***

Apparent resistivity and chargeability pseudosections were inverted using our proprietary ***image2D***® package. The process is fully automated as there is no need to guess a starting model or to filter the pseudosection to generate one. The ground is divided in cells of a/4 side and a back-projection of the raw data is performed. The result is a smooth earth model showing all conductive, resistive and polarizable sources. The resulting true-depth sections integrate all possible solutions, highlighting the most probable ones.

A synthetic example showing the ability of ***image2D***® to resolve sources and to facilitate the location of DDH is presented on page 14.

- ***PRECISIONS CONCERNING image2D***®

Imaging cannot create information that is not in the raw data set (pseudosections), i.e., the limitations of the technique and array that was used will still prevail. With pole-dipole, for instance, resolution is asymmetrical and vertical sources may show a false dip. However, noise is efficiently rejected, near-surface effects are easily identified and complex responses, such as two adjoining sources, a wide body or a dipping geological contact, are well resolved.

This imaging process will not recover intrinsic resistivities unless the source is very wide. However, as opposed to pseudosections, geological data from drill-holes may be superimposed on ***image2D***® true-depth sections.

- ***NORMALIZATION OF THE TDEM MEASUREMENTS***

The Geonics field measurements were converted from mV to nV/Am^2 (nT/A-s) units, according to current intensity inside the loop and effective surface area of the Rx antenna.

$$nV/Am^2 = \frac{V * 192}{A * 2^n * S/100}$$

where V = measured voltage at the Rx coil (mV),
n = gain of each reading,
S = effective area of the Rx coil,
A = current inside the loop.

❑ *STACKED PROFILES*

The ground vertical (Z) and horizontal (X, Y) partial derivatives ∂B/∂t of the secondary magnetic field are shown as distinct linear-linear stacked profiles at a scale of 1:10 000 (refer to appendix). Channels 8-20 are plotted.

❑ *SUPPLIED MAP*

The following maps are inserted in a pouch at the end of this report. Our Quality System requires that every final map be inspected by at least two qualified persons before being approved and included within a final report.

Grid	Map Number	Description	Scale
A1	Line 0+00E to line 9+00E (10 plates)	Color Apparent Resistivity / Chargeability Pseudosections and ***image2D*** ® True-depth Sections	1:2500
	8.2_A1	IP Survey - ***image2D*** ® Resistivity at a depth of 40 m	1:5000
	8.3_A1	IP Survey - ***image2D*** ® Chargeability at a depth of 40 m	1:5000
	8.5_A1	IP Survey – ***image2D*** ® Time Constant at a depth of 40 m	1:5000
	5 stacked profiles	Ground *InfiniTEM* ® survey - Partial Derivatives ∂B/∂t	1:5000
	6.6b_A1	Ground *InfiniTEM* ® survey – Total Secondary Field Contours Channels 12 to 19 (nV/Am^2)	1:5000
	10.0_A1	Geophysical Interpretation	1:5000
A2	Line 0+00E to line 13+00E (14 plates)	Color Apparent Resistivity / Chargeability Pseudosections and ***image2D*** ® True-depth Sections	1:2500
	8.2_A2	IP Survey - ***image2D*** ® Resistivity at a depth of 50 m	1:5000
	8.3_A2	IP Survey - ***image2D*** ® Chargeability at a depth of 50 m	1:5000
	8.5_A2	IP Survey – ***image2D*** ® Time Constant at a depth of 50 m	1:5000
	6 stacked profiles	Ground *InfiniTEM* ® survey - Partial Derivatives ∂B/∂t	1:5000
	6.6b_A2	Ground *InfiniTEM* ® survey – Total Secondary Field Contours Channels 12 to 19 (nV/Am^2)	1:5000
	10.0_A2	Geophysical Interpretation	1:5000

❑ *DIGITAL DATA*

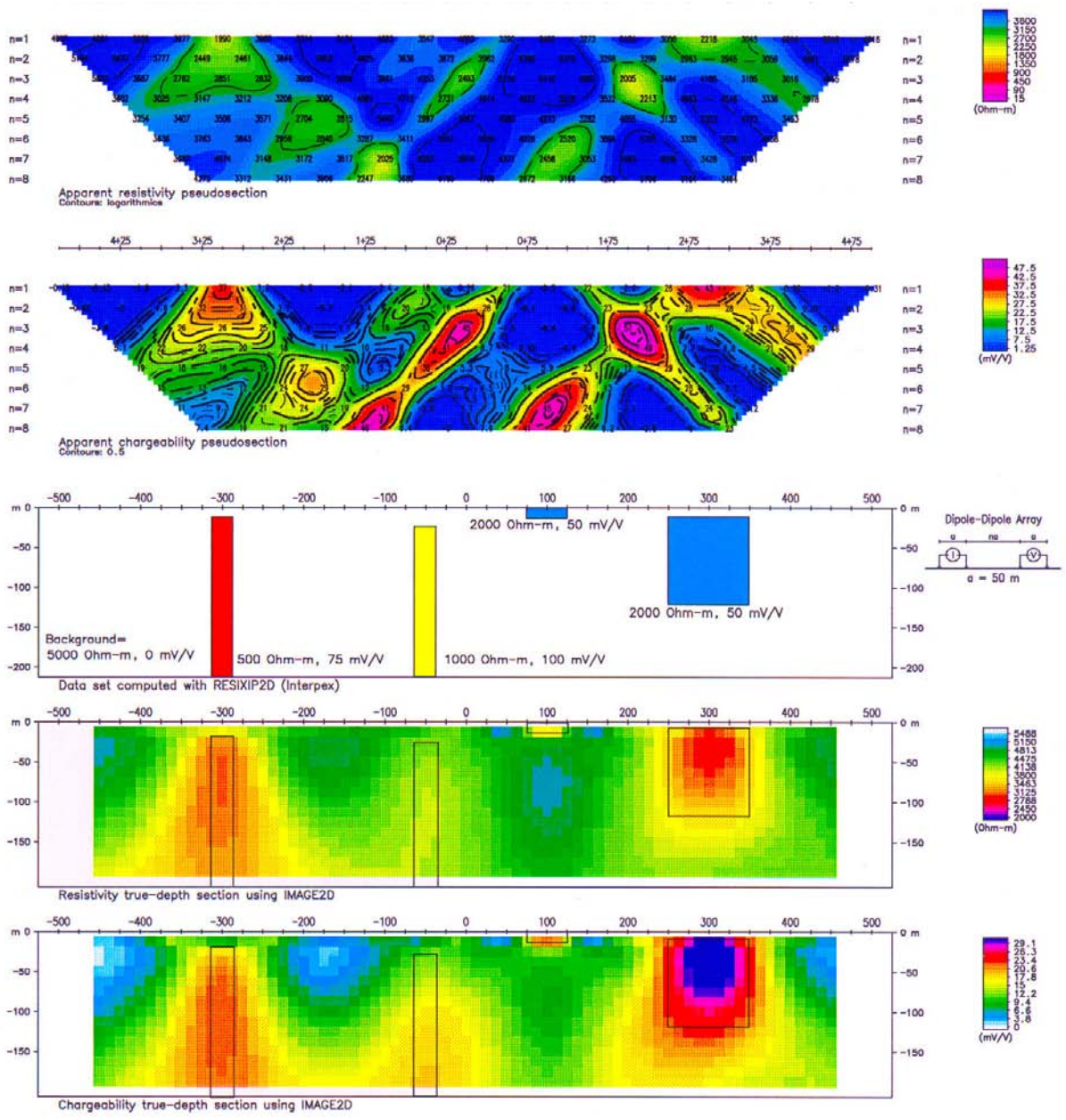
The above-described maps are delivered in the Oasis Montaj map file format on CD-Rom.

A copy of all survey acquisition data (ASCII text format) and processed data (Geosoft Montaj databases) area also delivered on CD-Rom.

image2D ® DEMO ON SYNTHETIC DATASETS

Top half of figure: classic apparent resistivity and chargeability pseudosections.

Centre of plate: the synthetic model that generates these pseudosections.



Bottom half of figure: the reconstructed resistivity and chargeability true-depth sections after inversion of the pseudosections using ***image2D*** ®. The model is superimposed on these sections.

6. IP SURVEY - RESULTS & RECOMMENDATIONS

- *RESISTIVITY & CHARGEABILITY MAPS – **A1 GRID***

Following interpretation of pseudosections and ***image2D®*** true-depth sections, a total of nineteen NW-SE polarizable anomalous trends (**A1-01** to **A1-19**) were compiled over **A1 Grid**. These anomalies have been correlated from line-to-line according to their strength, resistivity association and the general strike orientation. The inferred surface projections of their sources are shown along the survey lines on both the *Geophysical Interpretation Map* (10.0_A1) and the pseudosection plates. On the *Geophysical Interpretation Map*, the conductive zones were outlined using pink contoured shaded areas. The 10 000 Ω-m contour line (in blue) was chosen to delineate the most resistive zones (blue-shaded areas).

The ***image2D®*** *Resistivity Map* (8.2_A1) plotted at a depth of 40 m shows an homogenous background of ~8000 Ω-m disrupted by large E-W conductive areas and a wide highly resistive zone in the northern portion of the survey grid. Generally, the IP anomalies extend NW-SE and are probably caused by shallow sources (subcropping).

On one hand, trends **A1-02**, **A1-04** and **A1-05** (from line 0+00E to line 3+00E) are characterized by the highest chargeability values (map 8.3_A1) among the overall of the interpreted anomalies. Their signatures are also associated with resistivity high. Therefore, their sources could be related to a quartz vein style mineralization.

On the other hand, trends **A1-07** and **A1-12** are mostly represented by relatively lower chargeability values and they are embodied within a conductive background. Their signatures could be originated by disseminated to semi-massive sulphides. Thus, an enrichment of the content of sulphides could be related to the conductive areas.

Finally, trends **A1-01**, **A1-05** (from line 5+00E to line 8+00E), **A1-16** and **A1-17** are located within a homogenous resistive background (~8000 Ω-m) and their sources cannot be precisely defined. Therefore, prospecting and drilling is suggested to better define their origin.

Single line weakly polarizable anomalies (**A1-11**, **A1-13**, **A1-14** and **A1-15**) are ill-defined; they might simply result from variations in the overburden thickness.

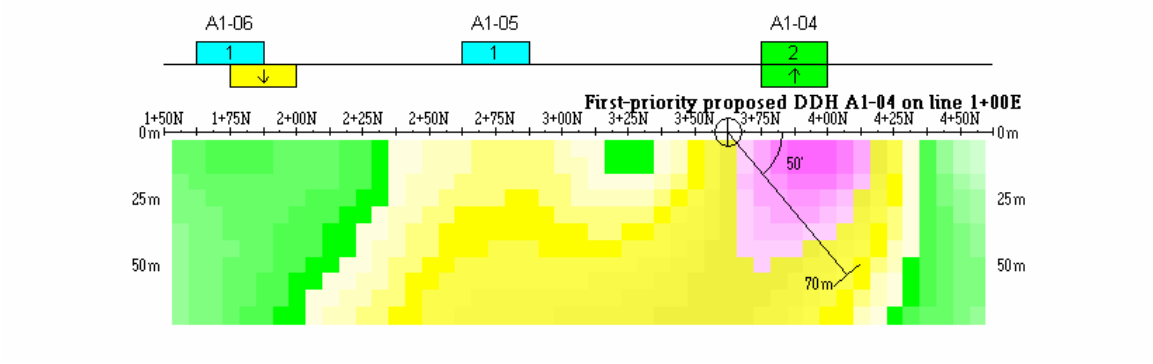
Following the interpretation of the pseudosections, a NE-SW fault was interpreted from line 0+00E to line 5+00E. Therefore, the corresponding conductive zone could be the result of a deformation zone.

The interpreted anomalies are fully described in the Appendix A found at the end of this report.

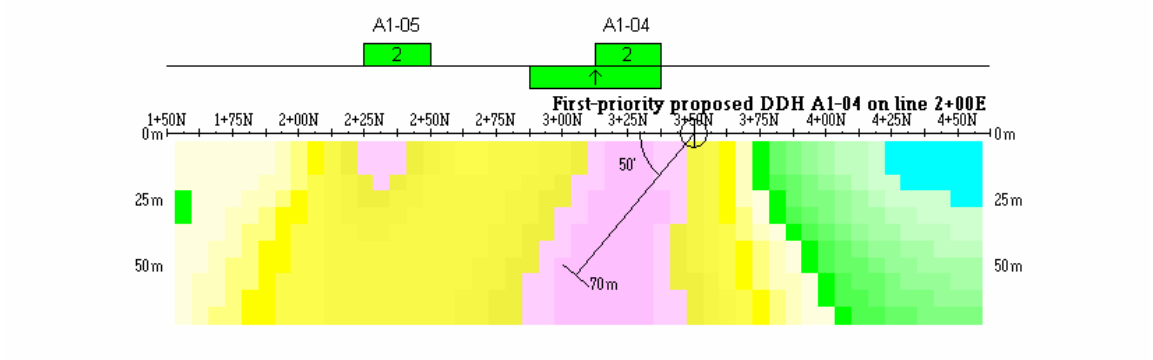
All-priority DDH targets are illustrated hereafter on their respective chargeability true-depth sections.

❑ ***A1 GRID**: FIRST-PRIORITY DDH TARGETS (**A1-04**, **A1-05** & **A1-07**)*

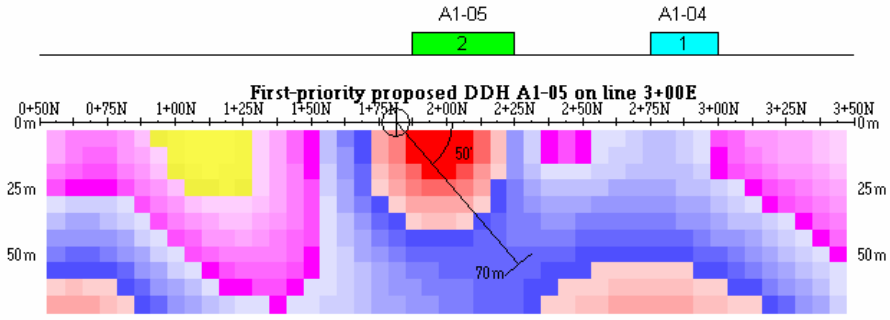
FIRST-PRIORITY PROPOSED DDH A1-04 ON LINE 1+00E:



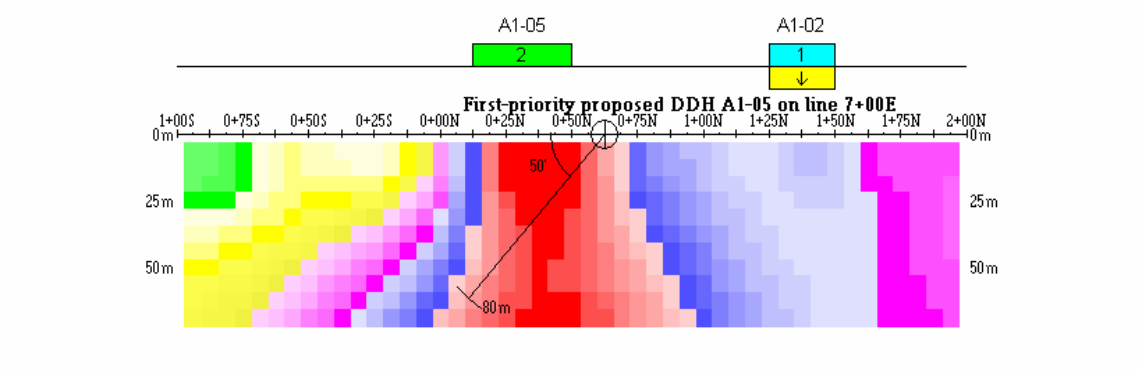
FIRST-PRIORITY PROPOSED DDH A1-04 ON LINE 2+00E:



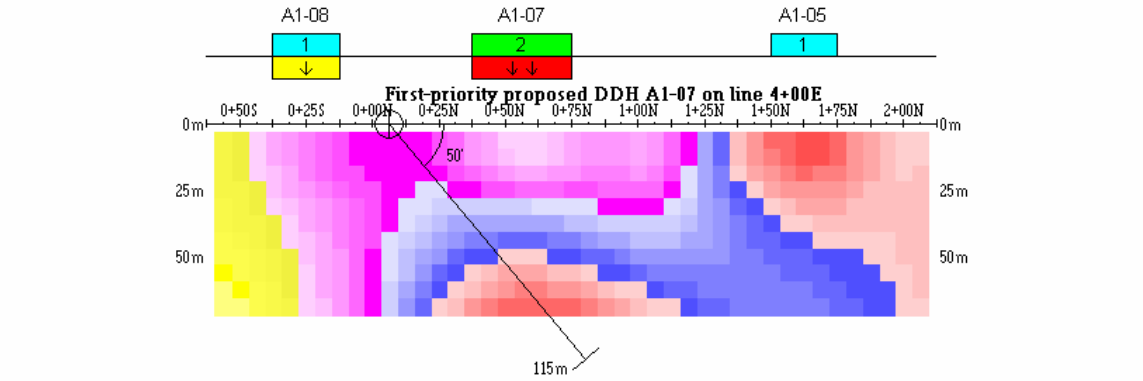
FIRST-PRIORITY PROPOSED DDH A1-05 ON LINE 3+00E:



FIRST-PRIORITY PROPOSED DDH A1-05 ON LINE 7+00E:

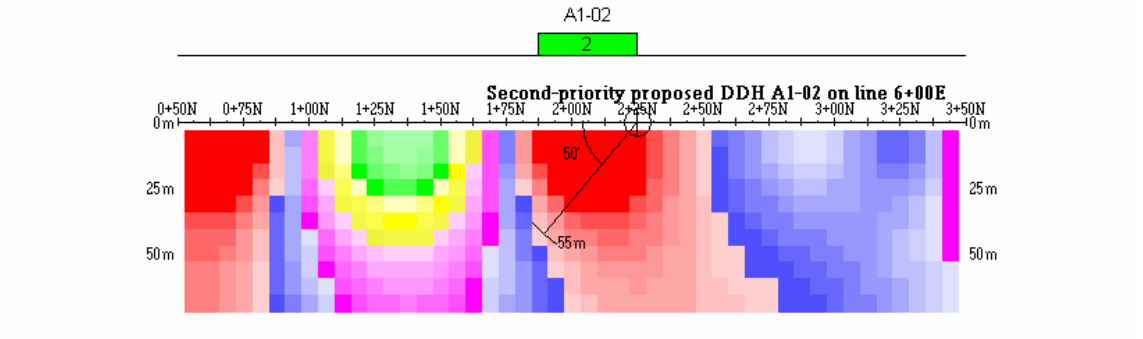


FIRST-PRIORITY PROPOSED DDH A1-07 ON LINE 4+00E:

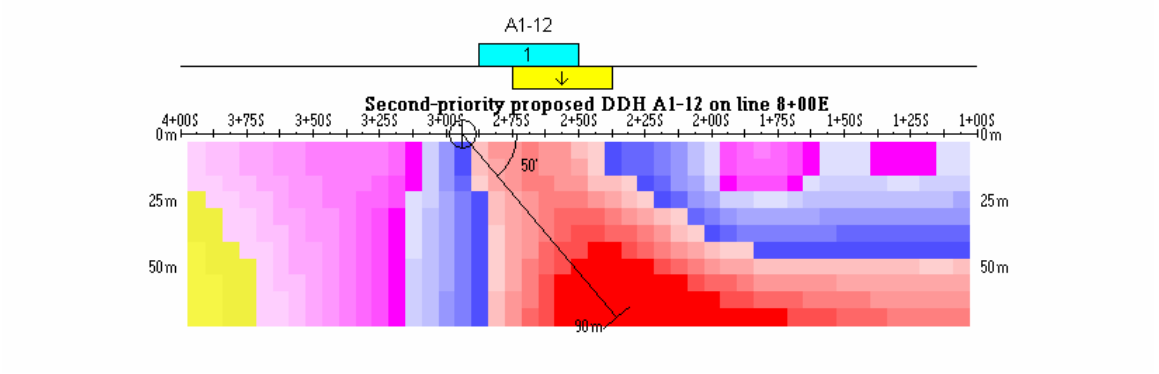


❑ *A1 GRID: SECOND-PRIORITY DDH TARGETS (A1-02, A1-12 & A1-17)*

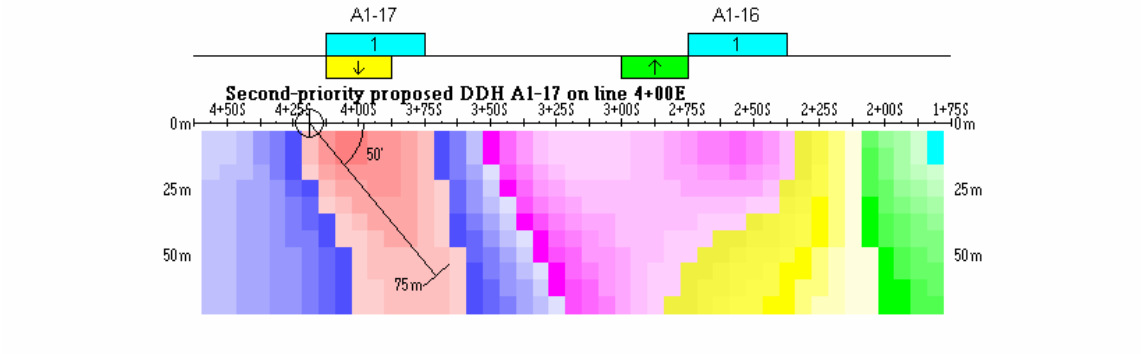
SECOND-PRIORITY PROPOSED DDH A1-02 ON LINE 6+00E:



SECOND-PRIORITY PROPOSED DDH A1-12 ON LINE 8+00E:



SECOND-PRIORITY PROPOSED DDH A1-17 ON LINE 4+00E:



❑ *RESISTIVITY & CHARGEABILITY MAPS – **A2 GRID***

Following interpretation of pseudosections and ***image2D***® true-depth sections, a total of twenty E-W polarizable anomalous trends (**A2-01** to **A1-20**) were compiled over **A2 Grid**. These anomalies have been correlated from line-to-line according to their strength, resistivity association and the general strike orientation. The inferred surface projections of their sources are shown along the survey lines on both the *Geophysical Interpretation Map* (10.0_A2) and the pseudosection plates. On the *Geophysical Interpretation Map*, the conductive zones were outlined using pink contoured shaded areas. The 10 000 Ω-m contour line (in blue) was chosen to delineate the most resistive zones (blue-shaded areas).

The major features of the ***image2D***® *Resistivity Map* (8.2_A2) plotted at a depth of 50 m shows that **A2 Grid** is dominated by highly resistive values disrupted by ~E-W conductive zones. The *Chargeability Map* (8.3_A2) plotted at a depth of 50 m shows a relatively homogenous background in the major portion of the surveyed grid. However, an anomalous chargeability area of unknown extension (**A2-12**), located on lines 5+00E and 6+00E, corresponds to high time constant values. The electrical response of **A2-12** could mask the signature of **A2-09**. However, from the ground *InfiniTEM*® survey, a good quality conductor was identified on lines 6+00E and 8+00E. Therefore, **A2-09** could be a promising target.

Following a meticulous comparison between the chargeability amplitudes and their resistive association, we concluded that **A2-03**, **A2-04**, **A2-05** and **A2-06** could likely be part of a single folded structure plunging towards the west and possibly outcropping towards the east. **A2-02**, **A2-07** and **A2-08** could also belong to a mayor folded structure.

A2-03 and **A2-04** are two closely spaced polarizable anomalies; prospecting and drilling should allow for a better geological understanding. They may share the same mineralization potential.

Some polarizable anomalies are associated with high resistive values. These anomalies (**A2-08** (from line 5+00E to line 7+00E), **A-13**, **A-14** and **A-15**) are likely caused by quartz vein style mineralization.

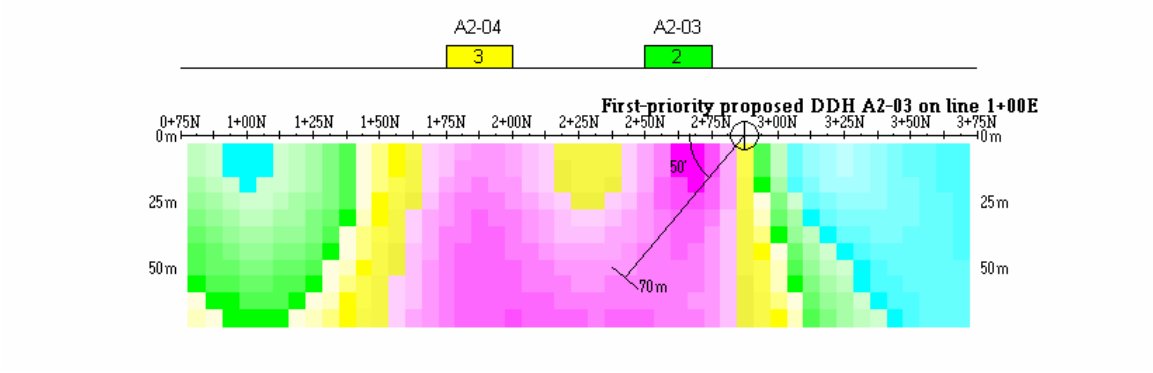
For the most interesting targets (**A2-03**, **A2-04**, **A2-05**, **A2-07**, **A2-08**, **A2-09**, **A2-11**, and **A2-18**) do not present any resistive association. However, prospecting and drilling is suggested to better define their origin.

The interpreted anomalies are fully described in the Appendix B found at the end of this report.

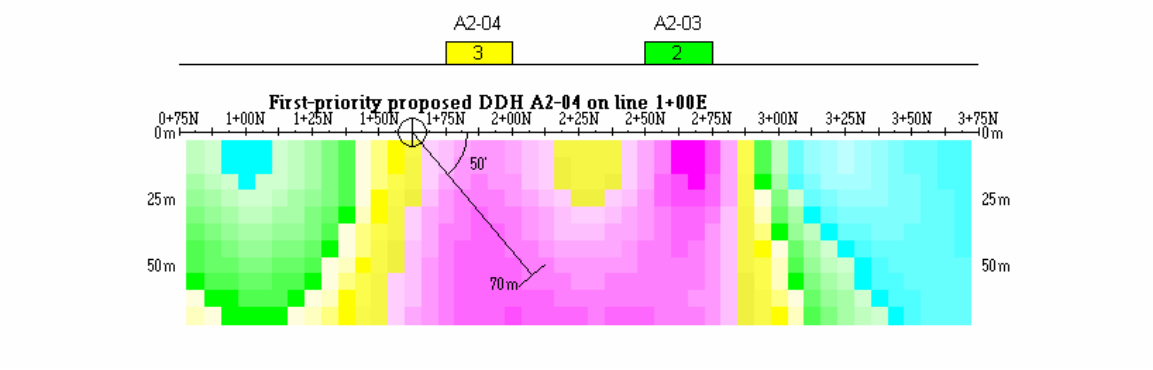
All-priority DDH targets are illustrated hereafter on their respective chargeability true-depth sections.

- ***A2 GRID**: FIRST-PRIORITY DDH TARGETS (**A2-03**, **A2-04, A2-05, A2-08, A2-09, A2-11** & **A2-18**)*

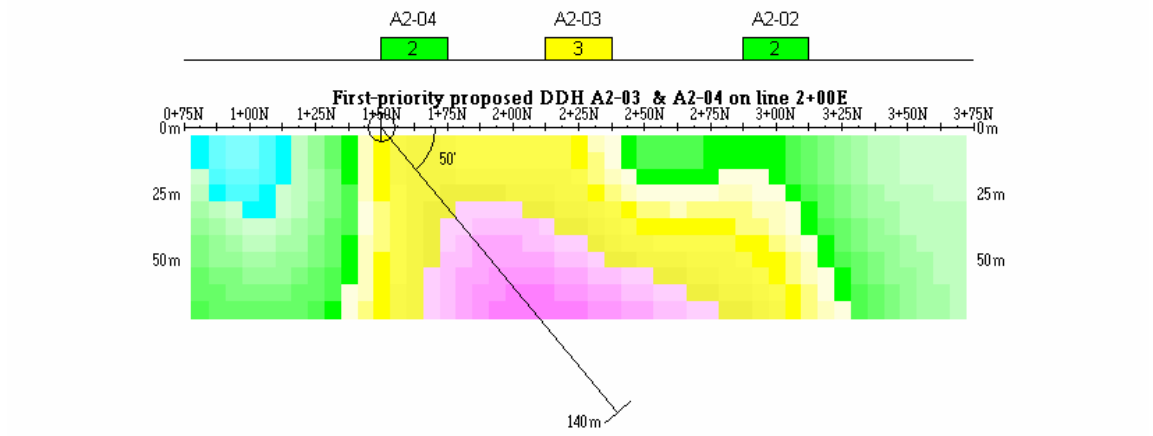
FIRST-PRIORITY PROPOSED DDH A2-03 ON LINE 1+00E:



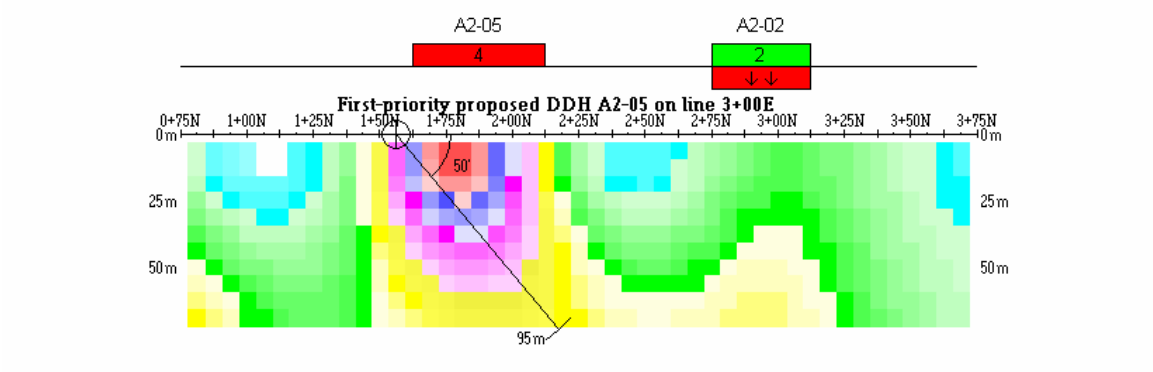
FIRST-PRIORITY PROPOSED DDH A2-04 ON LINE 1+00E:



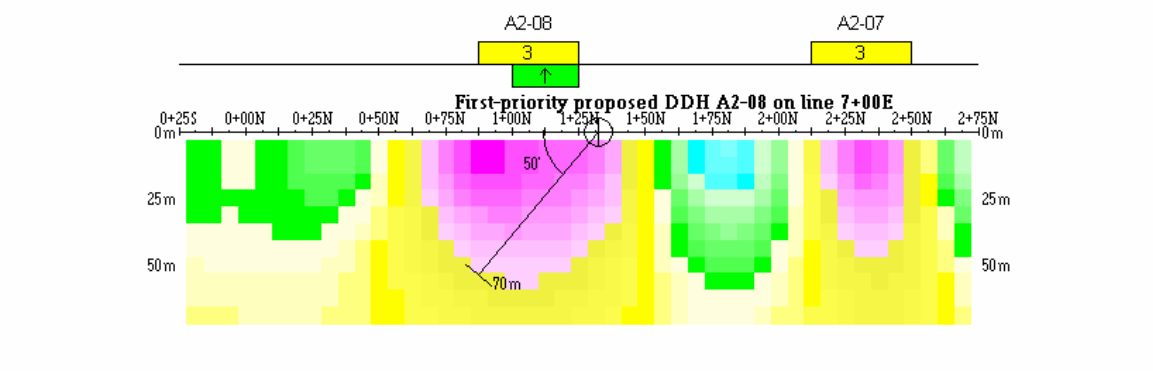
FIRST-PRIORITY PROPOSED DDH A2-03 & A2-04 ON LINE 2+00E:



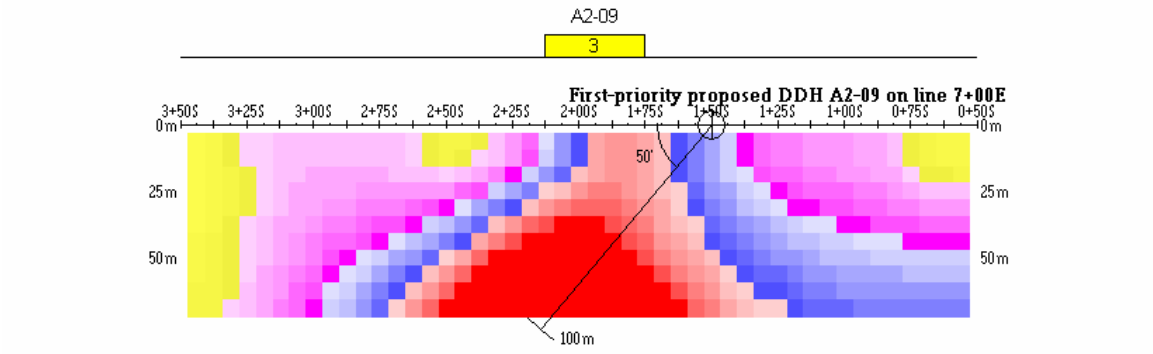
FIRST-PRIORITY PROPOSED DDH A2-05 ON LINE 3+00E:



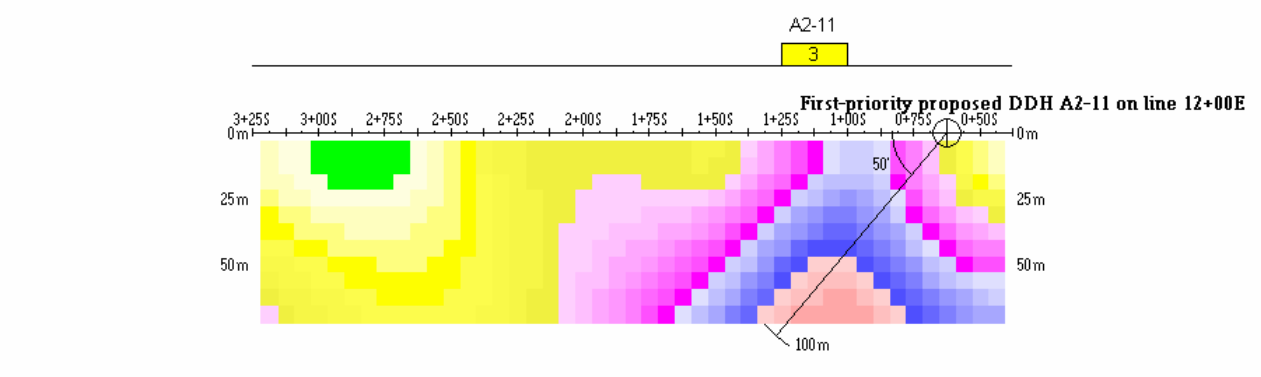
FIRST-PRIORITY PROPOSED DDH A2-08 ON LINE 7+00E:



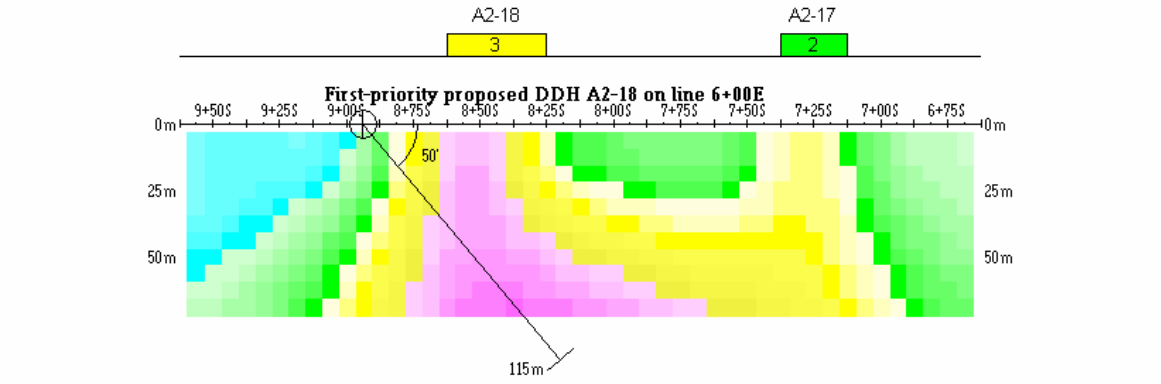
FIRST-PRIORITY PROPOSED DDH A2-09 ON LINE 7+00E:



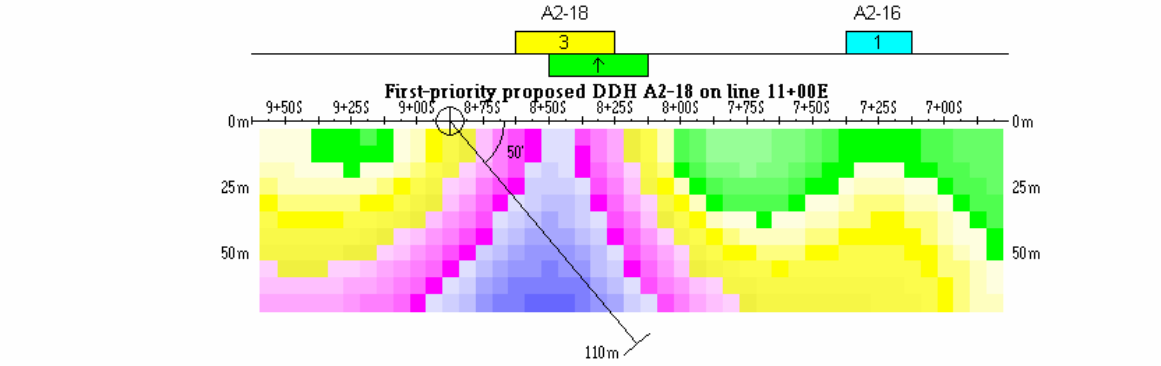
FIRST-PRIORITY PROPOSED DDH A2-11 ON LINE 12+00E:



FIRST-PRIORITY PROPOSED DDH A2-18 ON LINE 6+00E:

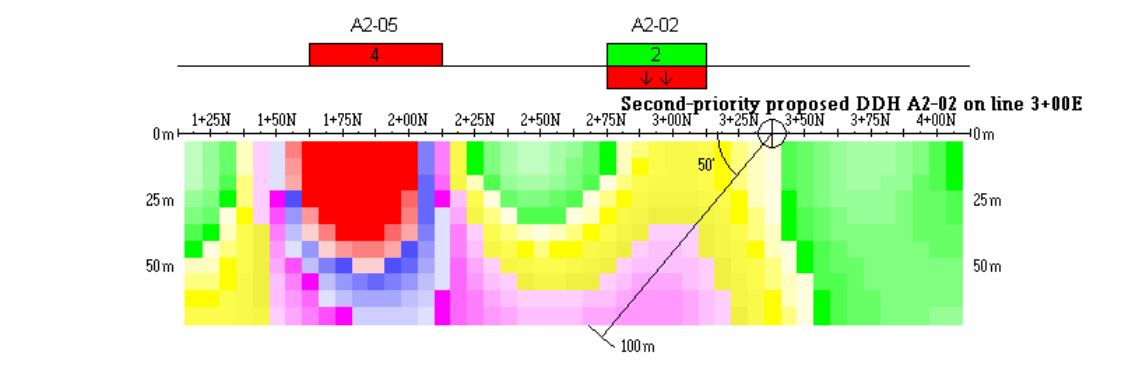


FIRST-PRIORITY PROPOSED DDH A2-18 ON LINE 11+00E:

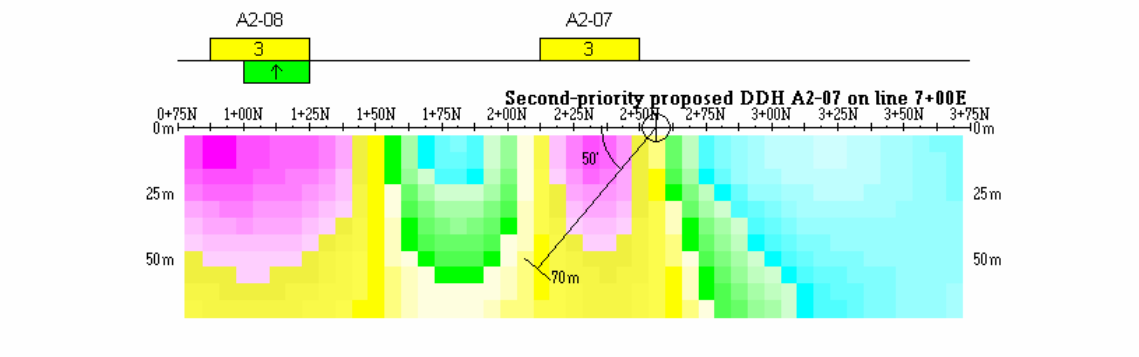


- ***A2 GRID**: SECOND-PRIORITY DDH TARGETS (**A2-02, A2-07, A2-09, A2-14, A2-15 & A2-17**)*

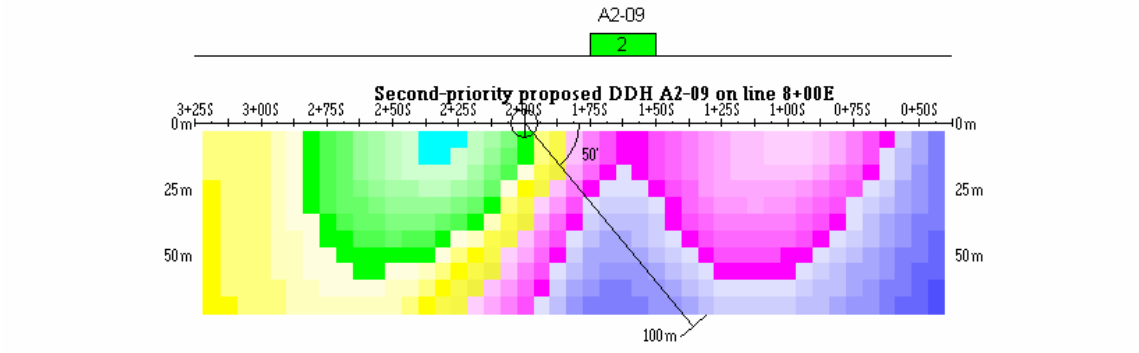
SECOND-PRIORITY PROPOSED DDH A2-02 ON LINE 3+00E:



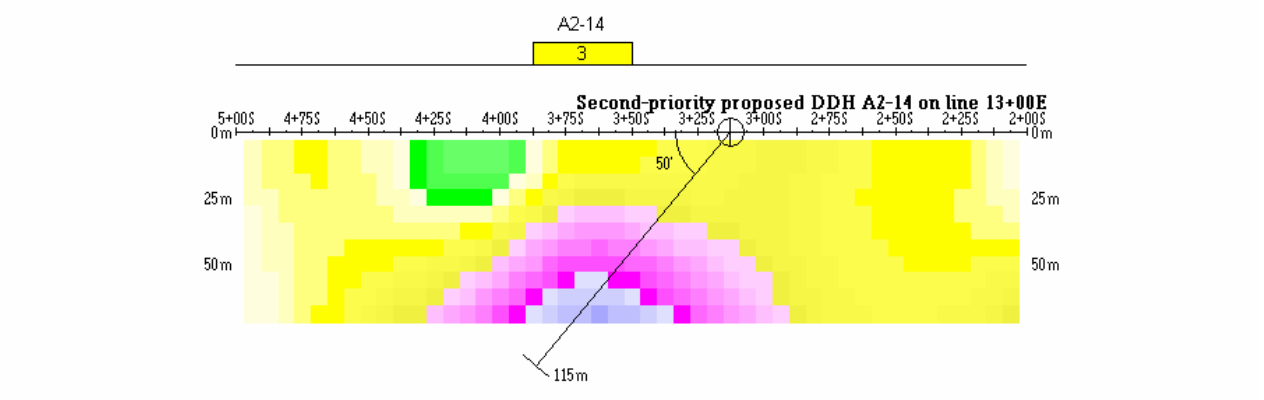
SECOND-PRIORITY PROPOSED DDH A2-07 ON LINE 7+00E:



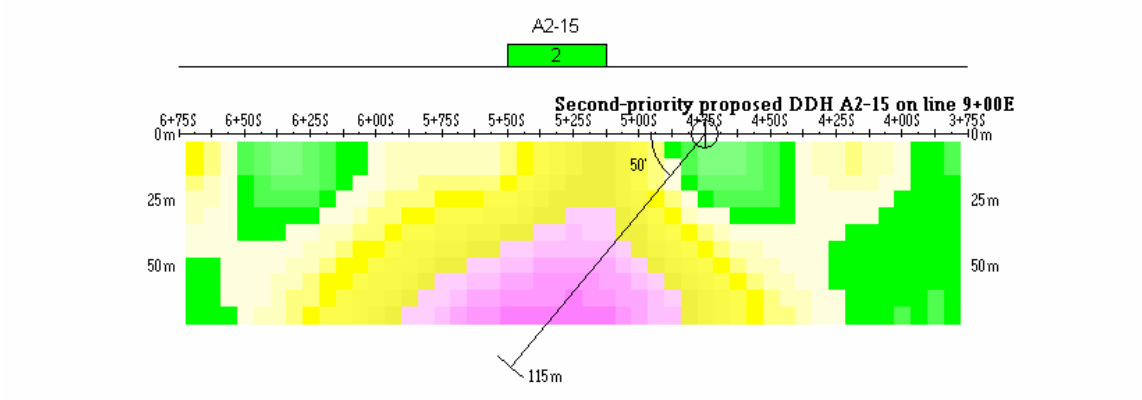
SECOND-PRIORITY PROPOSED DDH A2-09 ON LINE 8+00E:



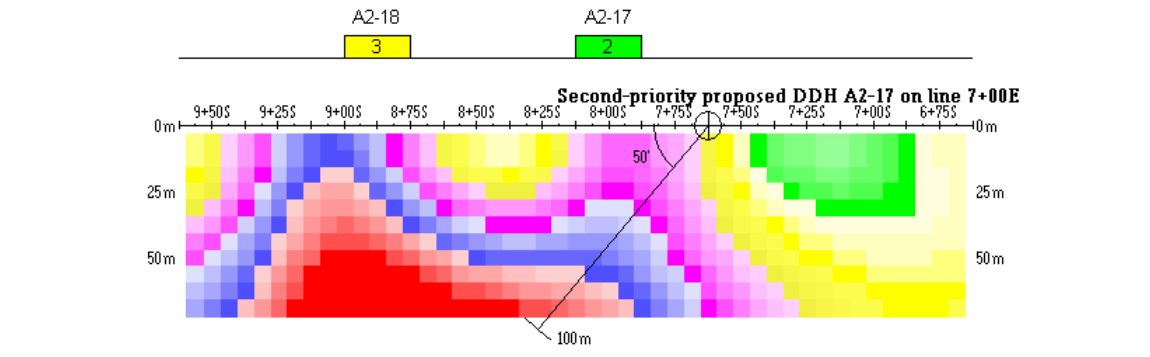
SECOND-PRIORITY PROPOSED DDH A2-14 ON LINE 13+00E:



SECOND-PRIORITY PROPOSED DDH A2-15 ON LINE 9+00E:



SECOND-PRIORITY PROPOSED DDH A2-17 ON LINE 7+00E:



7. GROUND *INFINITEM*® SURVEY- RESULTS & RECOMMENDATIONS

One conductor (**A2-EM01**) has been identified from the ground *InfiniTEM*® survey over the **A2 Grid**. Refer to Table 3 for a full description. A time constant (τ) value has been computed from the decay curve analysis for each anomalous profile segments. A good conductor would be characterized by a strong τ value. Conductors' depth-to-top was estimated to more or less a quarter of its signature wavelength. Note that this depth value may be overshot if the conductive source is not perpendicular to the survey lines.

Table 3: Description of the Ground *InfiniTEM*® Anomalies

Anomaly	Location		Conductor's quality	Estimated depth-to-top ($\lambda/4$)	Dip	Comments
	Line	Station				
A2-EM01	6+00E	2+00S	Good (τ = 2.1 ms)	Deep (-125 m)	Sub-vertical	Its signature from line 6+00E to line 8+00E corresponds to a good quality conductor. On line 7+00E, this conductor is proximal to a strongly polarizable source (**A2-09**). Therefore its source could be caused by semi-massive sulphides. **Drilling recommended on line 7+00E (see page 21).**
	8+00E	2+00S	Good (τ = 1.6 ms)	Deep (-100 m)		
	10+00E	2+00S	Poor (τ = 0.9 ms)	Deep (-150 m)		

8. FOLLOW-UP SUMMARY

❒ *PROSPECTING*

Grid	Priority	Anomaly	Location	
			Line	Station
A1	1	A1-04	1+00E	3+88N
			2+00E	3+25N
		A1-05	3+00E	2+06N
			7+00E	0+38N
	2	A1-02	4+00E	3+19N
			6+00E	2+06N
		A1-17	3+00E	3+75S
			4+00E	3+94S
	3	A1-01	8+00E	2+06N
		A1-03	9+00E	1+06N
		A1-10	3+00E	1+13S
		A1-11	5+00E	1+75S
		A1-16	4+00E	2+56S
			7+00E	3+63S
A2	1	A2-03	1+00E	2+63N
		A2-04	1+00E	1+88N
		A2-08	5+00E	0+38N
			6+00E	0+75N
			7+00E	1+06N
		A2-11	12+00E	1+13S
		A2-18	6+00E	8+44S
			9+00E	8+56S
			11+00E	8+44S
	2	A2-07	6+00E	2+69N
			7+00E	2+31N
	3	A2-06	4+00E	1+88N
		A2-12	5+00E	1+13S
			6+00E	1+44S
		A2-13	6+00E	3+88S
			7+00E	4+38S
		A2-16	9+00E	6+81S
			10+00E	7+13S

❒ *DRILLING*

Grid	Priority	Anomaly	DDH target (not collar) (*)		
			Line	Station	Estimated Vertical Depth (m)
A1	1	A1-04	1+00E	3+87N	30
			2+00E	3+25N	35
		A1-05	3+00E	2+06N	30
			7+00E	0+31N	40
		A1-07	4+00E	0+56N	65
	2	A1-02	6+00E	2+63N	25
		A1-12	8+00E	2+68S	35
		A1-17	4+00E	3+93S	35
A2	1	A2-03	1+00E	2+63N	30
		A2-04	1+00E	1+88N	35
		A2-03 & A2-04	2+00E	1+93N	55
		A2-05	3+00E	1+88N	40
		A2-08	7+00E	1+06N	35
		A2-09	7+00E	1+94S	55
		A2-11	12+00E	1+13S	60
		A2-18	6+00E	8+43S	65
			11+00E	8+43S	55
	2	A2-02	3+00E	2+94N	55
		A2-07	7+00E	2+31N	35
		A2-09	8+00E	1+63S	50
		A2-14	13+00E	3+68S	65
		A2-15	9+00E	5+31S	70
		A2-17	7+00E	8+00S	45
(*) Pending prospecting results.					

❒ *SURVEY EXTENSIONS*

Grid	Extensions Suggested	Comments
A1	From line 0+00E towards the west	To follow the northwest extensions of **A1-05**, **A1-04** and **A1-01**.
	From line 0+00E to line 4+00E towards the north	
	From line 9+00E towards the east	To follow the eastern extensions of **A1-12**, **A1-05** and **A1-01**.
A2	From line 0+00E to line 4+00E towards the south	To better define **A2-08** from line 1+00E to line 3+00E (open-ended anomalies). To follow the western extensions of **A2-12**, **A2-13**, **A2-17**, **A2-18** and **A2-19**.
	From line 0+00E towards the west	To follow the western extensions of **A2-03**, **A2-04** and **A2-08**.
	From line 13+00E towards the east	To follow the eastern extensions of **A2-11**, **A2-14**, **A2-18** and **A2-20**.

The interpretation of the geophysical data embodied in this report is essentially a geophysical appraisal of the Arianne Property. As such, it incorporates only as much geoscientific information as the author has on hand at the time. Geoscientists thoroughly familiar with the area are in a better position to evaluate the geological significance of the various geophysical signatures. Moreover, as time passes and information provided by follow-up programs are compiled, exploration targets recognized in this study might be down-graded or up-graded.

Respectfully submitted,
Abitibi Geophysics Inc.

Antonia Alvarado, MASc

Steve Boucher, MASc, Eng.,
Geophysicist

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A1 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A1-01	5+00E	3+88N	1	-	Weakly polarizable anomaly. Not very well defined. NW-SE trending, extends on approximately 300 m. Probably shallow sources. **Prospecting suggested on line 8+00E.**	**3**
	6+00E	3+38N	1	-		
	7+00E	2+88N	1	↑		
	8+00E	2+06N	1	-		
A1-02	4+00E	3+19N	2	↑↑	Moderately polarizable anomaly embodied within a resistive zone. Its source could be related to quartz veins style mineralization. NW-SE trending, extends on approximately 300 m. Could be caused by shallow sources (likely outcropping). **Initial prospecting is recommended on lines 4+00E and 6+00E, followed by possible drilling on line 6+00E.**	**2**
	5+00E	2+63N	2	↑↑		
	6+00E	2+06N	2	-		
	7+00E	1+38N	1	↓		
A1-03	9+00E	1+06N	1	-	Single line weakly polarizable anomaly. Could be caused from variations of the overburden thickness. Faint signature, likely outcropping. Could be interpreted as the southeastern extension of **A1-01**. **Could be investigated by prospecting to establish a correlation with A1-01.**	**3**
A1-04	0+00E	4+00N	2	↑↑	Moderately polarizable trend associated with a resistivity high. Its signature could be related to quartz veins style mineralization. NW-SE trending, extends on approximately 500 m. Best responses on lines 1+00E, 2+00E and 5+00E. **Prospecting suggested on lines 1+00E and 2+00E. Pending results, drilling could be carried out on both lines.**	**1**
	1+00E	3+88N	2	↑↑		
	2+00E	3+25N	2	↑↑		
	3+00E	2+88N	1	↑↑		
	4+00E	2+38N	1	-		
	5+00E	1+81N	2	-		

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A1 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A1-05	0+00E	3+00N	2	↑	Weakly to moderately polarizable anomaly extending NW-SE across the complete grid. The northern portion (from line 0+00E to line 3+00E) is located within a resistive background. Its signature could be related to a quartz veins style mineralization. The southern portion (from line 4+00E to line 7+00E) is mostly located within a conductive zone. Its signature on line 8+00E could be simply the result of variations in the overburden thickness. Its source could be outcropping towards the east from line 2+00E to line 8+00E. **Prospecting suggested on lines 3+00E and 7+00E. Pending results, drilling could be carried out on both lines 3+00E and 7+00E.**	**1**
	1+00E	2+75N	1	↑		
	2+00E	2+38N	2	(R)		
	3+00E	2+06N	2	(R)		
	4+00E	1+63N	1	-		
	5+00E	1+13N	1	-		
	6+00E	0+63N	2	-		
	7+00E	0+38N	2	-		
	8+00E	0+38S	1	-		
A1-06	0+00E	1+88N	1	↑	Weakly polarizable anomaly. Not very well defined. Source likely outcropping. NW-SE trending. No further work recommended for the moment.	4
	1+00E	1+75N	1	↓		
	2+00E	1+38N	?	-		
A1-07	3+00E	0+69N	1	-	Weakly to moderately polarizable anomaly partially associated with a resistivity low. E-W trending. Its signature could be associated with semi-massive or disseminated sulphides. Could be caused by a deep source. **Drilling is recommended on line 4+00E.**	**1**
	4+00E	0+56N	2	↓↓		
A1-08	3+00E	0+13S	1	↑	Weakly polarizable and partially conductive anomaly. Rather ill-defined. No further work recommended for the moment.	4
	4+00E	0+25S	1	↓		
	5+00E	0+38S	?	↓		
A1-09	0+00E	0+13N	1	↑	Single line weakly polarizable and resistive anomaly. Faint signature, could be caused by a shallow source. **Could be investigated by prospecting.**	4
A1-10	2+00E	0+75S	?	-	Weakly polarizable anomaly. Faint signature. Likely outcropping. Could be interpreted as the southeastern extension of **A1-09**. **Could be investigated by prospecting on line 3+00E to establish a correlation with A1-09.**	**3**
	3+00E	1+13S	1	-		

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A1 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A1-11	5+00E	1+75S	1	-	Single line weakly polarizable anomaly embodied within a conductive background. Faint signature. Likely outcropping. Could be interpreted as the southeastern extension of **A1-10**. **Could be investigated by prospecting to establish a correlation with A1-10.**	**3**
A1-12	7+00E	2+19S	1	-	Weakly polarizable anomaly located within a conductive background. Its signature could be caused by disseminated sulphides. NW-SE trending, extends on approximately 300 m. Best responses on lines 8+00E and 9+00E. Could be interpreted as the southeastern extension of **A1-11**. **Drilling recommended on line 8+00E.**	**2**
	8+00E	2+69S	1	↓		
	9+00E	3+00S	1	-		
A1-13	1+00E	1+13S	?	↑	Single line polarizable anomalies. Rather ill-defined. No further work recommended at the moment.	4
A1-14	0+00E	2+44S	1	R		
A1-15	1+00E	1+94S	1	-	Weakly polarizable single line anomaly. Rather ill-defined. May be the result of variations in the overburden thickness. No further work recommended at the present time.	4
A1-16	4+00E	2+56S	1	-	Weakly polarizable anomaly. NW-SE trending, extends on approximately 300 m. Not very well defined on all its extension. Likely outcropping. Shows its higher chargeability amplitudes on lines 4+00E and 7+00E. **Prospecting is recommended on lines 4+00E and 7+00E.**	**3**
	5+00E	2+63S	1	↓		
	6+00E	3+13S	?	↑		
	7+00E	3+63S	1	↑		
A1-17	1+00E	3+50S	?	(R)	Weakly polarizable anomaly extending NW-SE on approximately 500 m. Could be caused by shallow sources. Best responses on lines 3+00E and 4+00E. **Initial prospecting on line 3+00E and 4+00E, followed by possible drilling is recommended on line 4+00E.**	**3**
	2+00E	3+31S	1	-		
	3+00E	3+75S	1	-		
	4+00E	3+94S	1	-		
	5+00E	South End	1	↑		
	6+00E	South End	?	-		

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A1 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A1-18	1+00E	South End	1	↑	Single line weakly and conductive polarizable anomalies. Rather ill-defined. No further work recommended at the moment.	4
A1-19	2+00E	4+19S	1	-		

LEGEND:

Chargeability Increase
? = Marginal
1 = Weak
2 = Moderate
3 = High
4 = Very High

Resistivity Increase
↑ = Resistive
↑↑ = Very Resistive
(R) = Wide Resistive Zone

Decrease
↓ = Conductive
↓↓ = Very Conductive

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A2 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A2-01	3+00E	4+13N	1	-	Single line weakly polarizable anomaly. Faint signature. Source likely outcropping. Could be caused from variations in overburden thickness. No further work recommended at the moment.	4
A2-02	2+00E	3+00N	2	↓	Moderately polarizable and conductive trend. Its signature could be related to disseminated sulphides. E-W trending. Deep sources. Best responses on lines 1+00E, 2+00E, 4+00E and 5+00E. **Drilling suggested on line 3+00E.**	**2**
	3+00E	2+94N	2	↓↓		
A2-03	0+00E	2+63N	2	-	Moderately polarizable trends. E-W trending, both extends on approximately 200 m each. Their proximity and chargeability amplitudes on lines 0+00E and 2+00E suggest that these anomalies could share the same source. Both seem to be outcropping on line 1+00E. **Initial prospecting on line 1+00E followed by drilling of both anomalies is suggested.** **Also, drilling of both anomalies could be carried out on line 2+00E using a single DDH.**	**1**
	1+00E	2+63N	2	-		
	2+00E	2+25N	3	-		
A2-04	0+00E	1+88N	2	-		**1**
	1+00E	1+88N	3	-		
	2+00E	1+63N	2	-		
A2-05	3+00E	1+88N	4	-	Single line highly polarizable anomaly. Its signature could be the result of its proximity to a shear zone. Caused by a shallow source (outcropping). Could be the eastern extension of the merged responses of **A2-03** and **A2-04**. **Drilling is recommended.**	**1**
A2-06	4+00E	1+88N	1	-	Single line weakly polarizable anomaly. Could be caused by a shallow source. Faint signature, likely outcropping. Could be interpreted as the eastern extension of **A2-05**. **Prospecting is suggested in order to establish its correlation with A2-05.**	**3**

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A2 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A2-07	5+00E	2+56N	1	(R)	Weakly to moderately polarizable trend. Partially associated with a resistivity high. E-W trending, extends on approximately 200 m. Likely caused by shallow sources. Could be interpreted as the eastern extension of **A2-02**. **Prospecting recommended on lines 6+00E and 7+00E. Pending results, drilling could be carried on line 7+00E.**	**2**
	6+00E	2+69N	2	↑		
	7+00E	2+31N	3	-		
A2-08	1+00E	South End	2	-	Moderately to strongly polarizable E-W trend, extending on approximately 600 m. Partially associated with a resistivity high towards the east (from line 5+00E to line 7+00E). Its signatures could be caused by a quartz vein style mineralization. Its signature is incomplete towards the west from line 1+00E to line 4+00E. Likely outcropping **A survey extension towards the south is recommended from line 1+00E to line 4+00E.** **Prospecting suggested on lines 5+00E, 6+00E and 7+00E. Pending results, drilling could be carried out on line 7+00E.**	**1**
	2+00E	South End	3	-		
	3+00E	South End	3	-		
	4+00E	South End	4	-		
	5+00E	0+38N	3	(R)		
	6+00E	0+75N	4	(R)		
	7+00E	1+06N	3	↑		
A2-09	5+00E	0+63S	4	↓↓	Moderately to strongly polarizable anomaly. E-W trending, extends on approximately 300 m. Best response on the western portion (lines 5+00E and 6+00E) located within a chargeable and conductive area. From the ground *InfiniTEM*® survey, a conductor of good quality was identified on lines 6+00E and 8+00E. Its proximity to **A-12** on line 6+00E could mask its signature. Likely caused by deep sources. **Drilling recommended on lines 7+00E and 8+00E.**	**1**
	6+00E	0+88S	4	↓↓		
	7+00E	1+94S	3	-		
	8+00E	1+63S	2	-		
A2-10	8+00E	North End	2	↑	Single line moderately polarizable and resistive anomaly. Its signature is not completely defined (open-ended anomaly). **A survey extension towards the north will allow to better define its source.**	**3**

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A2 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A2-11	10+00E	North End	2	-	Moderately polarizable anomaly. E-W trending, extends on approximately 300 m. Partially embodied within a resistive zone towards the east (lines 12+00E and 13+00E). However, the west end (lines 10+00E) is located within a conductive background. Could be interpreted as the eastern extension of **A2-10**. Likely caused by deep sources; could be outcropping on line 12+00E. **A survey extension towards the north on lines 10+00E and 11+00E will allow to better define its source.** **Initial prospecting followed by possible drilling is recommended on line 12+00E.**	**1**
	11+00E	North End	2	-		
	12+00E	1+13S	3	-		
	13+00E	1+31S	3	-		
A2-12	5+00E	1+13S	4		Strongly polarizable and conductive anomaly. Well defined and likely subcropping. Could affect the signature of **A2-09** on line 5+00E. A survey extension towards the west could help to better define this anomaly. **Prospecting is suggested on lines 5+00E and 6+00E.**	**3**
	6+00E	1+44S	4			
A2-13	5+00E	4+31S	1	-	Weakly polarizable, associated with a resistivity high. E-W trending. Faint signature, likely outcropping (shallow sources). Its signature could be related to quartz veins style mineralization. **Initial prospecting followed could be carried out on lines 6+00E and 7+00E.**	**3**
	6+00E	3+88S	1	↑		
	7+00E	4+38S	1	↑		
A2-14	10+00E	4+31S	1	↑	Weakly to moderately polarizable anomaly located within a resistive background. E-W trending, extends on approximately 300 m. Could be caused by deep sources. Its signature could be related to quartz veins style mineralization Could be interpreted as the eastern extension of **A2-13**. If so, the trend **A2-13/A2-14** extents on approximately 800 m and seems to plunge towards the east. **Drilling is recommended on line 13+00E.**	**2**
	11+00E	4+19S	1	(R)		
	12+00E	3+63S	2	(R)		
	13+00E	3+69S	3	(R)		
A2-15	7+00E	5+63S	2	-	Moderately polarizable anomaly associated with a resistivity high. Its source could be caused by quartz veins style mineralization. EW trending. Shows its higher chargeability amplitude on line 9+00E. Could be caused by deep sources. **Drilling is recommended on line 9+00E.**	**2**
	8+00E	5+56S	2	↑		
	9+00E	5+31S	2	-		

DESCRIPTION OF ALL IP / RESISTIVITY ANOMALIES INTERPRETED ON THE A2 GRID

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res.		
A2-16	8+00E	6+88S	1	-	Weakly polarizable and conductive E-W trend extending on approximately 400 m. Not well defined. Likely outcropping. However, its signature on lines 11+00E and 12+00E becomes deeper. Best responses on lines 9+00E and 11+00E. Could be partially caused from variations in overburden thickness (lines 8+00E, 10+00E and 12+00E). **Could be investigated by prospecting on lines 9+00E and 10+00E.**	3
	9+00E	6+81S	1	-		
	10+00E	7+13S	1	-		
	11+00E	7+25S	1	-		
	12+00E	6+75S	?	-		
A2-17	5+00E	6+63S	2	-	Moderately polarizable anomaly. NW-SE trending. Not well defined, shows its best response on line 7+00E. Could be caused by a deep source. **Drilling is recommended on line 7+00E.**	3
	6+00E	7+25S	2	-		
	7+00E	8+00S	2	-		
A2-18	5+00E	8+00S	2	↑	Strongly polarizable E-W trend extending on approximately 800 m. Best responses from line 7+00E to 11+00E. Mostly outcropping. **A survey extension towards the south is suggested.** **Prospecting is recommended on lines 6+00E, 9+00E and 11+00E.** **Pending results, drilling is recommended on lines 6+00E and 11+00E.**	1
	6+00E	8+44S	3	-		
	7+00E	8+88S	3	-		
	8+00E	8+69S	3	↑		
	9+00E	8+56S	3	-		
	10+00E	9+06S	3	-		
	11+00E	8+44S	3	↑↑		
	12+00E	8+13S	1	-		
	13+00E	8+06S	1	-		
A2-19	5+00E	9+38S	2	-	Single line moderately polarizable anomaly. Probably caused by shallow sources. Its signature is not well defined (open-ended anomaly). **A survey extension towards the south is suggested.**	3
A2-20	12+00E	South End	2	-	Moderately polarizable anomaly located within a resistive environment. Its source could be caused by quartz veins style mineralization. Not well defined (open-ended anomaly). Its response on line 13+00E suggests that it could be outcropping. **A survey extension towards the south is suggested.**	3
	13+00E	South End	2	-		

LEGEND:

Chargeability Increase
? = Marginal
1 = Weak
2 = Moderate
3 = High
4 = Very High

Resistivity Increase
↑ = Resistive
↑↑ = Very Resistive
(R) = Wide Resistive Zone
Decrease
↓ = Conductive
↓↓ = Very Conductive

APPENDIX C

GROUND INFINITEM® SURVEY
PROFILES OF SECONDARY MAGNETIC FIELD
PARTIAL DERIVATIVES:

$\partial B_z/\partial t$
$\partial B_x/\partial t$
$\partial B_y/\partial t$