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**REPORT ON THE SURFACE WORK AND DRILLING CAMPAIGN
ON THE MATACHEWAN PROPERTY,
ALEXANDRIA MINERALS CORP.
CAIRO TOWNSHIP, ONTARIO**

For:

ALEXANDRIA MINERALS CORP.

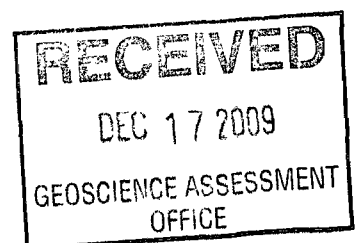
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Val-d'Or, October 20th, 2009

2-43495



SUMMARY

At the request of Dr. Eric Owens, President of Alexandria Minerals Corp and Mr. Eddy Canova, Vice-President of ALEXANDRIA MINERALS CORPORATION ('Alexandria'), I was given the mandate to prepare a report on the January – March 2008 Drilling Campaign on the Matachewan Property, Province of Ontario, Canada.

Alexandria Minerals Corporation ("Alexandria") is a public Ontario registered company trading under the symbol "AZX" on the Toronto Venture Exchange (TSX) and on the Frankfurt Stock Exchange (symbol: "A9D") with corporate offices located at 100 Adelaide St. W, Suite 405, Toronto, Ont., M5H 1S3.

The Matachewan gold exploration property is located east of the town of Matachewan in the Matachewan Mining Camp, Ontario, Canada. The property is located 3 km east of two (2) past-producing gold mines, the Young-Davidson Mine and the Matachewan Consolidated Mine, which together produced 0.96 million ounces of gold at an average grade of 0.1 oz/t Au. Northgate Minerals Corporation has recently been actively building a new ore deposit at the Young-Davidson site, which now hosts Proven and Probable Reserves of 2.8 million ounces of gold, principally hosted in altered and deformed syenite, an important rock type in the location of gold deposits along the Kirkland Lake to Matachewan stretch of the Cadillac-Larder Lake Break.

Alexandria's property is located within the Abitibi Greenstone Belt, a prolific gold and base metal producer known for such mining camps as Timmins (Ont.), Kirkland Lake (Ont.), Noranda (Qc), Val-d'Or (Qc), and Chibougamau (Qc). The Abitibi is of Archean age, comprised primarily of metavolcanic and metasedimentary rocks intruded by mafic to felsic plutonic and hypabyssal dykes and batholiths. Shear zones and faults, significant in the localization of gold deposits, developed extensively during the geologic history of the Abitibi Belt. One of these, the Larder Lake – Cadillac Break, crosses the region in the Kirkland Lake and Matachewan camps, near which numerous gold deposits occur.

The Matachewan property is underlain principally by metavolcanic and sedimentary rocks and mafic to felsic intrusive rocks of Archean age and Proterozoic diabase dykes. The most prominent geologic feature in the region is the Larder Lake and Cadillac Break (LLCB) crossing the property in ENE direction.

Past exploration work on Alexandria's property indicates that alteration consists of green carbonate in mafic volcanics and red-orange potassic, hematitic, silicified, pyritized and fine quartz vein alteration in syenites, alteration styles that are comparable to that found at the Young-Davidson gold deposit. Furthermore, alteration and deformation is widespread on the property, extending a minimum of 0.5 kilometer north of the break. Historic exploration activities on the Carmax Property have included mapping, geochemical surveys, geophysics (Mag, IP), trenching and twelve (12) previously drilled holes. One of the WMC Company drill holes drilled west of the Carmax property confirms the presence of the LLCB shear zone north of the highway and at depth.

The 2008 diamond drilling program consisted in the drilling of three (3) holes (MAT08-06, MAT08-08 and MAT08-09) totalling 1,621.0 meters of NQ core. The drilling program commenced in January 2008 and was completed on March 2008. The purpose of these drill holes was to test strong IP chargeability anomalies and low Mag anomalies.

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1.0 INTRODUCTION

The Matachewan Property is located in the Matachewan gold mining camp, in the Province of Ontario, Canada (Figure 1). Alexandria Minerals Corp. has entered into an option agreement to explore and earn 50% ownership in the mineral rights of the Carmax property. This portion of Alexandria's property is located five (5) kilometers east of two (2) mines with historic combined production of 0.9 million ounces of gold, the Young-Davidson and Matachewan Consolidated mines. These mines are the subject of extensive work by Northgate Minerals Corporation, whose Young Davidson project now hosts Proven and Probable Reserves of 2.8 million ounces of gold.

From January 2008 to March 2008, Alexandria Minerals Corporation carried out a 1,621.0 meters drilling program by drilling three (3) holes located on three (3) separate claims (Figure 2 and Table 1). The drilling tested three (3) distinct geophysical targets (IP Chargeability anomalies) (Figure 5). This report summarizes the drilling program and its salient features.

2.0 DISCLAIMER

The author referred to part of the Drill report "Drill report on the Matachewan Property, Cairo Township, Ontario" written by Mr. Eric Owens, 2005.

One of the authors has visited the property.

3.0 PROPERTY DESCRIPTION AND LOCATION

3.1 Property Location

The property is in the Southern part of the Cairo Township in the mining district of Temiscaming, province of Ontario. The center of the property is located at 80°37'W and 47°55'N, a distance of 1.5 kilometers east of the town of Matachewan, Ontario (Figure 2). The property is covered by the NTS Sheet 41P/15 at a scale of 1: 50,000. The property borders the east side of the town of Matachewan and is further bounded on the west and south by the Montreal River.

3.2 Claims Status

The property consists of thirty-five (35) Mining Titles owned by Alexandria. All the claims are in good standing (Figure 2 and Table 1) and verified on the web site of the Ministry of Northern Development and Mine (http://www.mci.mndm.gov.on.ca/Claims/Cf_Claims/clm_clr.cfm) (Verified on July 6th 2009).

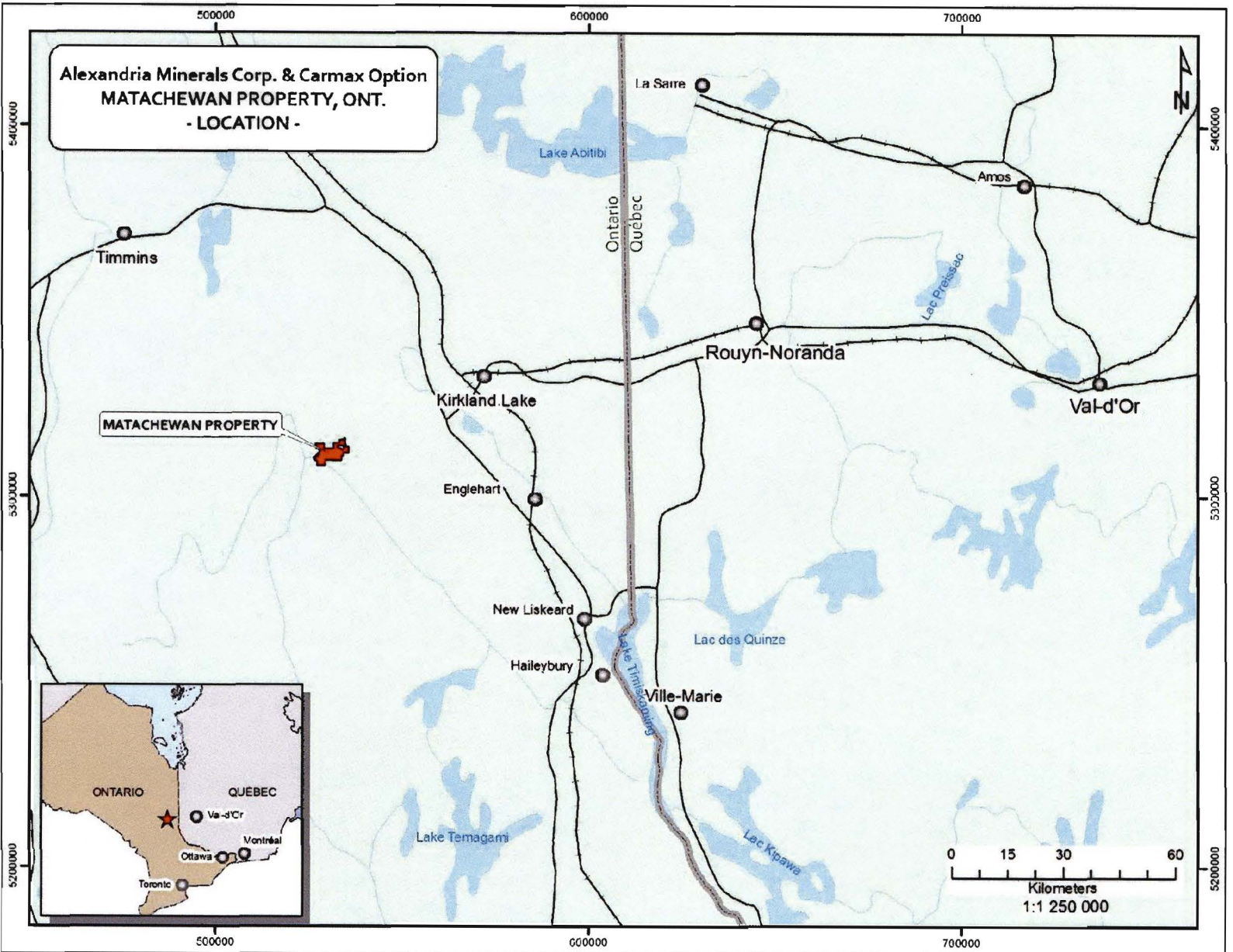


Figure 1. Location of Alexandria Matatchewan Property, Ont.

Township/ Area	Claim Number	Recording Date	Claim Due Date	Percent Option	Work Required	Total Applied	Total Reserve	Owner
CAIRO	4217725	2007-Jan-08	2010-Jan-08	100%	1,200.00 \$	1,200.00 \$	0.00 \$	Alexandria
CAIRO	4217724	2007-Jan-08	2010-Jan-08	100%	400.00 \$	400.00 \$	0.00 \$	Alexandria
CAIRO	4217709	2007-Jan-08	2010-Jan-08	100%	800.00 \$	800.00 \$	0.00 \$	Alexandria
CAIRO	4217581	2006-Nov-14	2010-Nov-14	100%	1,600.00 \$	3,200.00 \$	0.00 \$	Alexandria
CAIRO	4217580	2006-Nov-14	2010-Nov-14	100%	5,600.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	4217579	2006-Nov-14	2010-Nov-14	100%	800.00 \$	1,600.00 \$	0.00 \$	Alexandria
CAIRO	4217276	2007-Mar-22	2010-Mar-22	100%	400.0 \$	400.00 \$	0.00 \$	Alexandria
FLAVELLE	4217190	2007-Mar-09	2010-Mar-09	100%	800.0 \$	800.0 \$	0.00 \$	Alexandria
CAIRO	4211899	2006-Nov-03	2010-Nov-03	100%	1,600.00 \$	3,200.00 \$	0.00 \$	Alexandria
CAIRO	4211894	2006-Nov-03	2010-Nov-03	100%	400.00 \$	800.00 \$	0.00 \$	Alexandria
CAIRO	4211893	2006-Nov-03	2010-Nov-03	100%	400.00 \$	800.00 \$	0.00 \$	Alexandria
CAIRO	4211892	2006-Nov-03	2010-Nov-03	100%	800.00 \$	1,600.00 \$	0.00 \$	Alexandria
CAIRO	4211884	2006-Nov-03	2010-Nov-03	100%	400.00 \$	800.00 \$	0.00 \$	Alexandria
CAIRO	4211883	2006-Nov-03	2010-Nov-03	100%	800.00 \$	1,600.00 \$	0.00 \$	Alexandria
CAIRO	4207664	2006-Feb-28	2010-Feb-28	100%	1,200.00 \$	2,400.00 \$	0.00 \$	Alexandria
CAIRO	3009279	2003-Jun-30	2010-Jun-30	100%	400.00 \$	2,000.00 \$	0.00 \$	Alexandria
CAIRO	3008972	2003-Dec-01	2010-Dec-01	100%	400.00 \$	2,000.00 \$	1,171.00 \$	Alexandria
CAIRO	3008971	2003-Dec-01	2010-Dec-01	100%	1,600.00 \$	8,000.00 \$	4,257.00 \$	Alexandria
CAIRO	3003796	2004-Apr-27	2010-Apr-27	100%	400.00 \$	1,600.00 \$	0.00 \$	Alexandria
CAIRO	3003143	2003-Sep-30	2010-Sep-30	100%	3,200.00 \$	16,000.00 \$	9,315.00 \$	Alexandria
CAIRO	3003142	2002-Oct-21	2010-Oct-21	100%	4,800.00 \$	28,800.00 \$	0.00 \$	Alexandria
CAIRO	3003141	2002-Oct-21	2010-Oct-21	100%	4,800.00 \$	28,800.00 \$	0.00 \$	Alexandria
CAIRO	3002196	2002-Oct-09	2010-Oct-09	100%	1,600.00 \$	9,600.00 \$	0.00 \$	Alexandria
CAIRO	3002195	2002-Oct-09	2010-Oct-09	100%	2,800.00 \$	16,800.00 \$	0.00 \$	Alexandria
CAIRO	1239118	2002-Apr-30	2010-Apr-30	100%	800.00 \$	4,800.00 \$	0.00 \$	Alexandria
CAIRO	1202878	1994-Jun-22	2010-Jun-22	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1202877	1994-Jun-30	2010-Jun-30	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1202876	1994-Jun-30	2010-Jun-30	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1202874	1994-Jun-22	2010-Jun-22	100%	400.00 \$	5,000.00 \$	0.00 \$	Alexandria
CAIRO	1202835	1994-Aug-02	2010-Aug-02	100%	5,200.00 \$	72,800.00 \$	0.00 \$	Alexandria
CAIRO	1202834	1994-Aug-02	2010-Aug-02	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1202754	1994-May-10	2010-May-10	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1202753	1994-May-10	2010-May-10	100%	400.00 \$	5,600.00 \$	0.00 \$	Alexandria
CAIRO	1202602	1994-May-10	2010-May-10	100%	400.00 \$	5,600.00 \$	0.00 \$	Alexandria
CAIRO	1202601	1994-May-10	2010-May-10	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1202597	1994-May-10	2010-May-10	100%	400.00 \$	5,600.00 \$	0.00 \$	Alexandria
CAIRO	1200215	1994-May-10	2010-May-10	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1200214	1994-May-10	2010-May-10	100%	800.00 \$	11,200.00 \$	0.00 \$	Alexandria
CAIRO	1199660	2002-Oct-09	2010-Oct-09	100%	6,400.00 \$	38,400.00 \$	0.00 \$	Alexandria
CAIRO	1186190	1993-Jun-21	2010-Jun-21	100%	1,600.00 \$	24,000.00 \$	297.00 \$	Alexandria
					59,200.00 \$	395,800.00 \$	15,040.00 \$	

Table 1. Alexandria Matachewan Property Claims List.

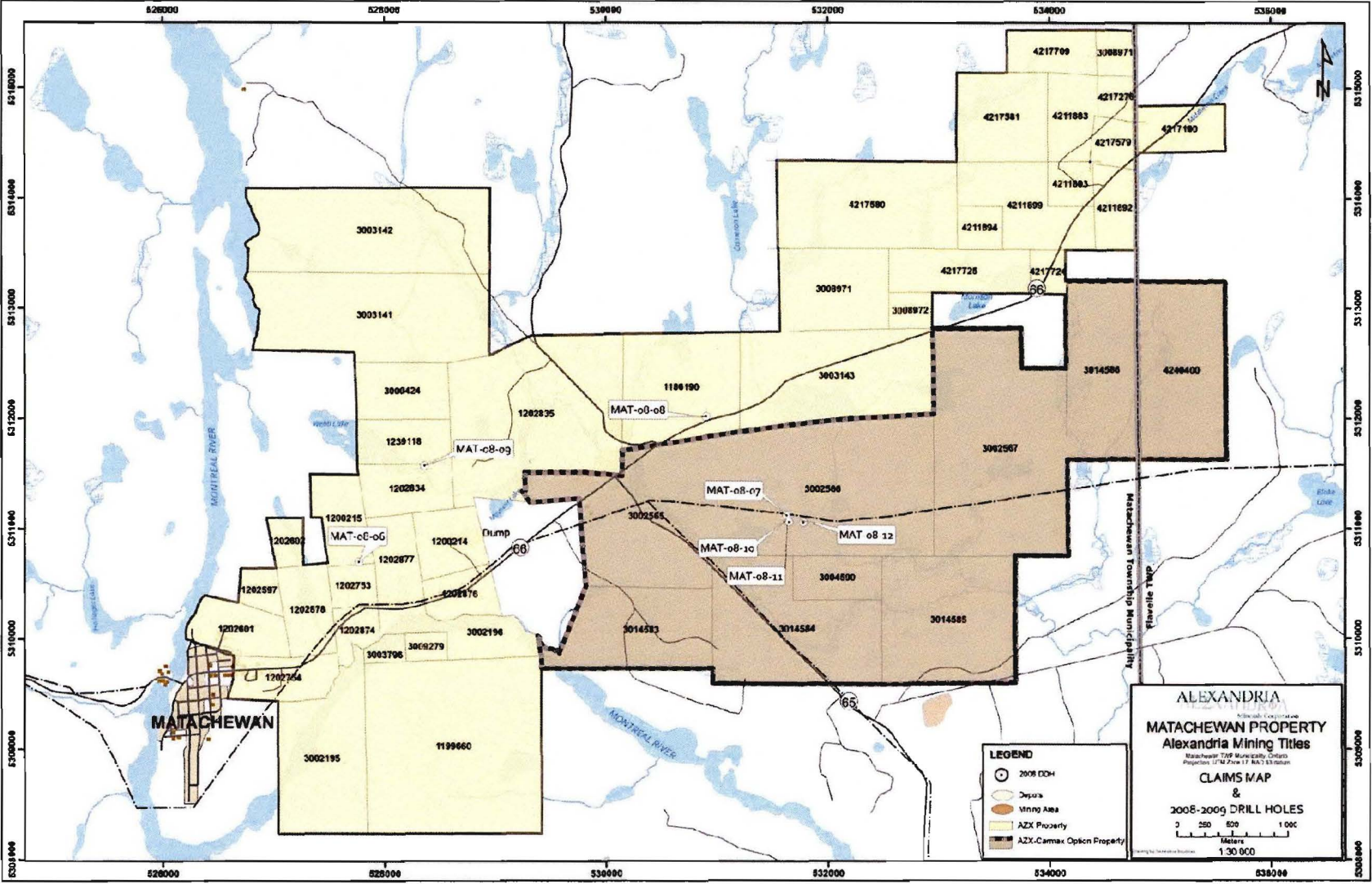


Figure 2. Mining Titles Map of Alexandria Matatchewan Property and 2008 Drill Holes location.

4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

4.1 Accessibility

The infrastructure and accessibility is excellent as it is located on the east side of Matachewan, a community with a long mining tradition, and is bisected by Highway 66. Access to the Matachewan property from Toronto is made via HWY 11 to Kirkland Lake, then west 40 kilometers along HWY 66. There are regular flights into Timmins from Toronto several times daily, and Matachewan is a one and a half hour drive from the Timmins airport.

4.2 Climate

The summer season stretches from May to October with temperatures in the pleasant 15 to 30° C range. Ideal ice conditions for winter drilling in the area are normally from early or mid January to the end of March.

4.3 Local Resources, Infrastructure and Physiography

Any service requirements for field assistance can easily be obtained from the towns of Matachewan, Kirkland Lake and Timmins, Ontario. Such services as accommodations, field equipment, contractors (line cutting, geophysics and drilling) and technicians are available on a short notice. Custom milling in the area is also available at a number of producing mines in the Kirkland Lake area.

The property is bound on the west and south sides by the Montreal River. The topography on land is rolling with relief of 50 meters or less. Outcrop exposure in the area is good. The property has seven (7) small lakes and is dissected by the Whiskyjack creek on the east side and the Montreal River on the west and central parts of the property. A forest of jack pine, white pine, spruce, poplar and birch cover the property except where bog and muskeg exists.

Permitting for drilling or for mining is favorable due to the long history of mining in the area.

5.0 HISTORY

This section is from the 2005 Owens report.

Exploration and production for gold has been carried out in the area for years and continues to be important. The areas with the most activity have been in the Kirkland Lake area along the CLLB or along parallel structures north of the break, through the syenite intrusives, and along splays off of these structures.

The Matachewan area has had a history of mineral exploration and prospecting going back to 1916. The Young-Davidson was discovered in 1916 by Jack Davidson and the Matachewan Consolidated was discovered shortly after by Sam Otisse. After intensive sampling of the Young-Davidson Property, production commenced in 1934 at a rate of 500 tons per day. The mine was shut in 1956, having mined 6,128,272 tons of ore containing 585,690 oz of Au (0.10 oz / t Au) and 132,000 oz of Ag. The Matachewan Consolidated mines started production in 1934 at a rate of 85 tons per day.

The mine was shut in 1954 with 3,535,200 tons of ore mined containing 370,427 oz of Au (0.11 oz/ t Au) and 133,710 oz of Ag. Recent exploration and metallurgical work has been carried out at the Young Davidson and Matachewan Consolidated mines in an effort to determine the feasibility of bringing them back into production. The Stancorp Mine located just 300 meters west of HWY 566, and 5 kilometers west of the Matachewan property, has several pits and trenches along mineralized quartz veins within syenites cutting Timiskaming sedimentary rocks. Assays run as high as 0.52 oz/ton Au and 1.08 oz/ton Ag.

Several gold mines in the Kirkland Lake district have operated since the early 1900's producing millions of ounces of gold along the same LLCB.

In 1995, WMC carried out a drilling program to confirm the presence of the LLCB structure. Three (3) holes were drilled and one (1) of the holes (95-3) intersected a 21 meters wide, highly altered, carbonatized and fuchsite altered section of the break with more than 5% fine pyrite. A mineralized quartz vein of 0.05 meter with pyrite, chalcopyrite and galena assayed 9.70 g/t Au. Shortly after, WMC dropped the ground.

In 2005, between October 6 and October 16, Alexandria carried out, a diamond drilling program of 754.4 meters with five (5) drill holes. The holes were located on five (5) separate IP geophysical targets and associated shear zones. A number of weak anomalous gold and silver values were obtained along some of these shear structures and weak signatures of VMS type mineralization was observed at a basalt and rhyolite contact.

The drilling was performed by Forage M Lafrenier Inc. from Nedelec (Temiskami), Quebec with two (2) – twelve (12) hour shifts, drilling 754.4 meters in eleven (11) days with one down day and ten (10) actual drill days. The technician on site supporting the drilling program was Sylvain Brousseau from Service Exploration.

6.0 GEOLOGICAL SETTING

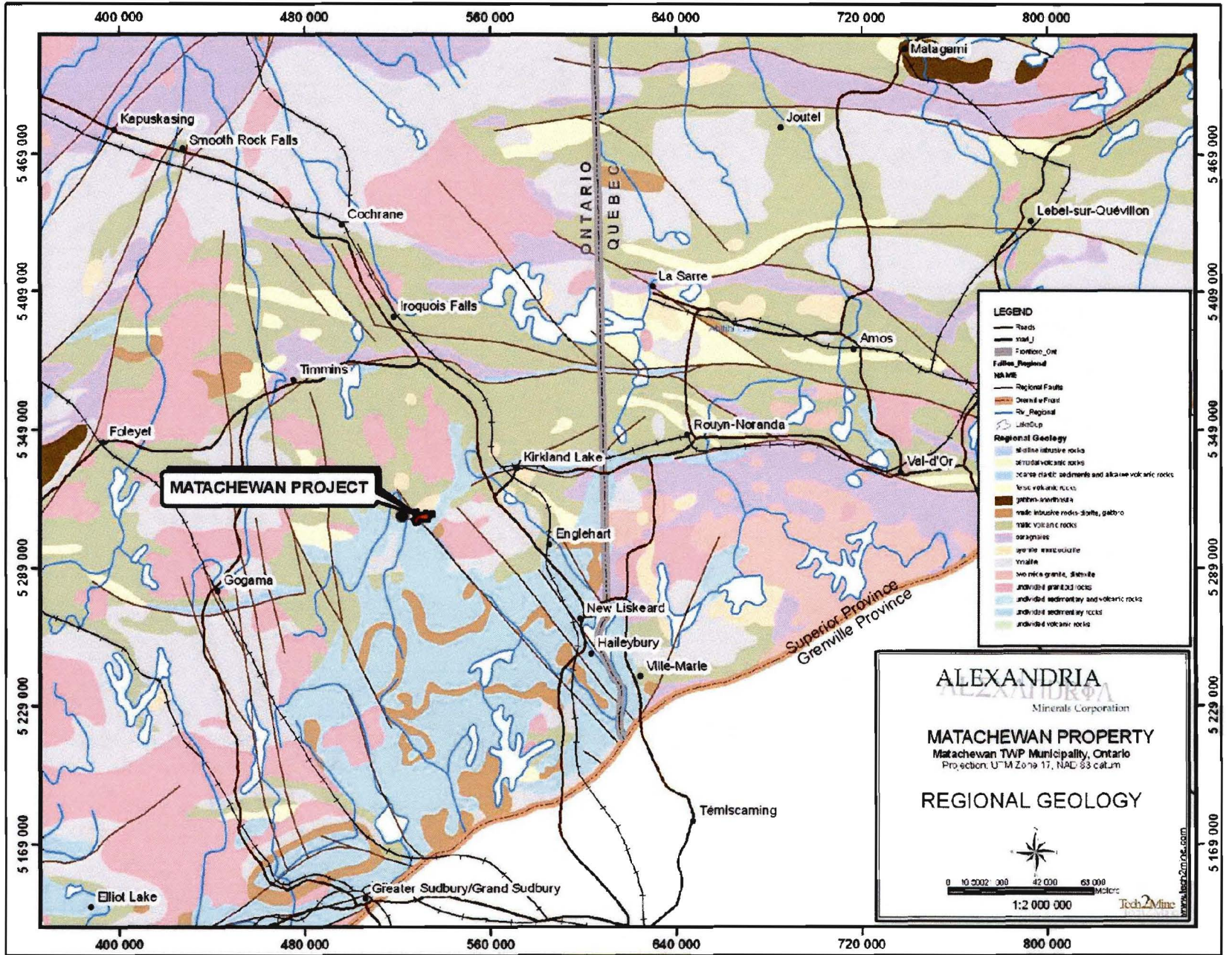
The geological section is taking from the Owens, 2005 report.

6.1 Regional Geology

The Matachewan property is in the south central part of the Abitibi Belt in the Canadian Shield (Figure 3). The Abitibi Belt consists, in general, of Archean supracrustal sequences of volcanic rocks and interbedded sedimentary rocks, intruded by plutonic rocks. The volcanic-sedimentary sequences occur in four principal depositional cycles, each cycle of which begins with komatiitic (high magnesium) or tholeiitic volcanic activity.

This activity is followed by volcanic cycle evolution to more intermediate and felsic volcanism. Furthermore, there is an evolution from tholeiitic-dominant volcanic activity in the earlier cycles evolving to calc-alkaline and alkaline dominant magmatic activity in later cycles.

Figure 3. Regional Geology.



The supracrustal sequences have been intruded by plutonic rocks ranging in composition from ultramafic and mafic to intermediate and felsic. The age of these intrusions varies from early, syntectonic to late, post-tectonic. Early intrusions are commonly related to their host volcanic rocks (eg. co-magmatic), whereas late intrusions may be non-related to the surrounding rocks. Intrusive bodies may be small and parallel to, or cross-cutting, layering in the supracrustal rocks, or form large stocks and batholiths around which the layering trends.

Deformation in the Abitibi Belt is manifest by folds, shear zones, and faults and their related rock fabrics. At least two (2) major deformation episodes resulted in regional folds of distinct styles and orientation. Major shear zones ("breaks") form lens-like packages of rocks on the order of several tens of kilometers long, elongate roughly east-west. Supracrustal sequences are unified within each lens, and may or may not be related to rocks in adjacent packages.

The region is cut by two (2) or more distinct ages of Proterozoic diabase dykes trending northeast and north-northwest.

6.2 Local Geology and Property Geology

The Matachewan area is underlain by a series of Archean mafic to intermediate volcanic rocks, and overlain by tightly folded sedimentary rocks of the Temiskaming Group (Table 3). These Archean units are cut by mafic and felsic intrusives which in turn are intruded by diabase dykes.

The units are all overlain by a series of flat lying Cobalt sediments. Late diabase dykes, Proterozoic in age, cut all of the units.

6.3 Structural Geology

The area has undergone two (2) stages of deformation characterized by folds of distinct styles, and two (2) or more stages of shear zone development and fault activity. The first deformation is expressed by folding (F1) with axial planes oriented NE-SW. The schistosity developed with F1 has been deformed by the second stage of folding (F2), oriented E-W with subvertical crenulation cleavage.

The main shears in the zone are part of the Cadillac - Larder Lake Break (CLLB) shear system. Numerous shear zones and faults cross cut the area. Shear and sub-shear zones are oriented 55° to 65° and dipping steeply to the south (CLLB) and subparallel structures trend at 70° dipping steeply to the south. The CLLB shear zone extends through the property for at least 71.4 kilometers and the subparallel shears trend for at least 3.57 kilometers and may have widths of 10 to 60 meters.

6.4 Surficial Geology

Glacial till covers much of the area. Previous drilling on the lake within the property has shown that overburden may be up to 65 meters in thickness. The eastern part of the property is also covered by overburden. The area was covered by the Labrador sector of the Laurentide Ice Sheet. Trends of surficial glacial features in the general area are SW to SSW.

6.5 Economic Geology

Two (2) principal types of gold mineralization have been exploited in the Matachewan Camp. At the former Matachewan Consolidated Mine, three (3) kilometers west of the Property, early production was from a system of irregular orebodies consisting of a series of flat-dipping quartz stringers and adjacent altered, mineralized volcanics and/or tuffs. Gold occurred free within the quartz stringers and in pyrite in the stringers and adjacent wallrock. This type of ore averaged about 0.16 oz/ton gold.

The second type of ore produced there and at the neighbouring Young-Davidson Mine was from fractured, mineralized syenite porphyry with quartz occupying the fractures and most of the gold occurring with pyrite. The porphyry appears to be metasomatically altered where quartz, albite, and calcite have been introduced, and occurs within the sediments a short distance north of the sediments-volcanics contact. These types of orebodies contains larger tonnages but at lower gold grades.

Gold mineralization has been found at several different locations on the Property during the various episodes of surface exploration. Much of this past work is not recorded. Notable quantities of copper mineralization have often been recorded with gold. Notable concentrations of other minerals such as asbestos, barite, and molybdenite have also been found in the Matachewan area.

The area east of the Webb Lake and across to the northeast of Moyneur Lake carries the best indications of economic gold mineralization on the Property. This area covers a strike length of over two (2) kilometers. The host lithology is primarily variously sheared and altered metasediments intruded by numerous small syenitic bodies. Gold mineralization accompanies pyrite and chalcopyrite. Appreciable thicknesses of low-grade gold mineralization were intersected in Minorex drilling near Webb Lake. The RC drilling by Pamour in 1983, northeast of Moyneur Lake, may indicate higher grades of similar type gold mineralization.

The next most promising situation is the CLLB beneath the Cobalt Group in the central part of the Property. The sole hole to pierce this structure intersected encouraging gold mineralization on 2.5 kilometers of otherwise untested strike length. The sub-Cobalt geology is largely unknown, but is in part comprised of variolitic komatiitic basalt. The sub-Cobalt magnetic highs in the vicinity of Moyneur Lake may be indicative of syenitic intrusions flanking the CLLB.

The area from line 5000E eastward across the St. Paul Lake area and to the eastern Property boundary is prospective for syenite-mobilized gold mineralization in shears hosted by metavolcanics and metasediments. This East End Area features several subsidiary shears of the CLLB and, in combination with syenitic intrusives; these may form favourable loci for gold mineralization.

7.0 EXPLORATION

No exploration work other than drilling was executed during this period.

8.0 DRILLING

Drilling on the Matachewan property was performed between the months of January and March 2008. Three (3) holes were drilled on the Matachewan Property (Figure 2 and 4) following up on IP Chargeability anomalies and and Low mag anomalies.

Table 2 below lists the three drill holes with their respective locations, length, orientations and objectives.

Drilling was executed by Forage Orbit-Garant from Val-d'Or and was drilled with NQ core size for a total of 1,621.0 meters. Drill logs and the assay certificates are in the Appendix I & II respectively and the drilling holes sections are in Appendix III.

Hole	Local Line	Local Station	UTM E	UTM N	Claim	Length (m)	Azimuth (°)	Dip (°)	Reason
MAT-08-06A	1700	100	527768.5	5310696.7	1200215	648.0	335	-50	South of MAT-05-2 drilling shear, contacts and IP anomalies.
MAT-08-08	5100	0	530903.0	5312016.5	1186190	416.0	335	-50	East of MAT-05-5 and test gold anomaly, IP anomaly+ low Mag
MAT-08-09	2600	650	528359.2	5311572.7	1202834	557.0	335	-50	South of MAT-05-3 drilling grades of 3 and Showing at depth IP anomaly as well
Total Length:						1,621.0	meters		

Table 2. 2008 Drilling Holes location and specifications, on Alexandria Matachewan Property.

Drill hole **MAT-08-06A** intersected greywackes, conglomerates, basalts, gabbros, ultramafics, monzodiorites, aphanitic syenites (or trachytes) and black chlorite - graphite units and with extensive shearing and mylonitization. The basalts and gabbros are frequently cut by carbonate - chlorite veinlets, and the conglomerates, monzodiorites and aphanitic syenites are often altered with hematite. The units are mineralized with traces to 3% disseminated pyrite and stringers of pyrite. Units that are more extensively altered in dark chlorite and with the presence of graphite have up to 5% pyrite present. Assay results indicate anomalous gold values up to 0.297 g/t Au over 1.5 m at a depth of 396.0 m within monzodiorites. A number of anomalous gold values occur between the depth of 348.0 m to 406.5 m grading between 0.115 g/t Au to 0.297 g/t Au (See Table 3).

Hole ID	From (m)	To (m)	Au g/t Avg	Width(m)
MAT-08-06A	348.00	350.5	0.15	2.5
MAT-08-06A	393.0	394.5	0.13	1.5
MAT-08-06A	396.0	397.5	0.297	1.5
MAT-08-06A	402.0	403.5	0.13	1.5
MAT-08-06A	405.0	406.5	0.115	1.5

Table 3. Bests results of Hole MAT-08-06A.

The second drill hole, **MAT-08-08**, intersected basalts, ultramafics, gabbros, monzodiorites, monzonite and black chlorite - graphite schists of which some of the units are partly sheared and mylonitized. A length of 34.1 meters of highly sheared units occurs at 375.2 m to 409.3 m, with high hematite, chlorite and carbonate; they may represent in part deformed – altered mafic volcanics, volcanoclastics, lapilli tuffs, conglomerates and/or blocks or tectonized – hydraulic breccias. Chlorite, carbonate, hematite and epidote are common. The pyrite content varies between 0.5% to 2%, especially in the deformed sections. The anomalous intersections presented below occur in sheared and mylonitized monzonites, ultramafics, and basalts respectively, containing 1% to 2% pyrite.

Hole ID	From (m)	To (m)	Au g/t Avg	Width(m)
MAT-08-08	92.0	93.5	0.154	1.5
MAT-08-08	101.0	102.5	0.13	1.5
MAT-08-08	260.0	261.5	0.155	1.5

Table 4. Bests results of Hole MAT-08-08.

Drill hole **MAT-08-09** intersected basalts, intermediate to mafic lapilli tuffs, gabbros, monzodiorites, monzonites and carbonate - chlorite schists. These lithological units are locally sheared and mylonitised, which tend to be sections that have anomalous gold grades (See Table 5). The deformed sections and intrusive contacts contain chlorite, carbonate, hematite, epidote and occasionally sericite. The pyrite content varies from 0.5% to 3% pyrite. The highest gold assays are presented on Table 5, with the section beginning at 368.0 m hosting anomalous grades at 0.12 g/t Au over 10.5 m tectonized and brecciated intermediate to mafic tuffs.

Hole ID	From (m)	To (m)	Au g/t Avg	Width(m)
MAT-08-09	23.0	24.5	0.11	1.5
MAT-08-09	90.5	92.0	0.103	1.5
MAT-08-09	324.5	326.0	0.12	1.5
MAT-08-09	335.0	336.5	0.21	1.5
MAT-08-09	368.0	378.5	0.12	10.5

Table 5. Bests results of Hole MAT-08-09.

9.0 SAMPLING METHOD AND APPROACH

Sampling method for this exploration program is considered to be appropriate and accurate.

10.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

For the 2008 drilling program, the core sampling protocol was established by Eric Owens of Alexandria Minerals Corporation and verified by Mr. Eddy Canova. Once the drilling core was extracted, the sampling method was as follows:

- 1) Core was washed with water and a brush;
- 2) Before logging commenced, pictures of the core boxes were taken in its entirety;
- 3) Once the geology and location of the samples were described, the geologist oriented the core, marked the start and end of the sample directly onto the core with a coloured wax crayon while the core is still intact in the core box, allowing consistent sampling.
- 4) The core is generally sampled over regular intervals varying between 30 cm minimum and 150 cm maximum;
- 5) Samples are measured to the nearest tenth of a centimeter, but sample intervals have to coincide with major lithological boundaries;

- 6) A sample tag, especially made of waterproof paper and legible ink, is placed at the start of the sample interval. Each sample number is unique and entered in the database, a distinct series is used (11001 to 11362);
- 7) Standard tags are inserted by the geologist into core boxes;
- 8) Samples were split with a hydraulic splitter in a core shack. Samples were split in half, lengthwise, using a diamond core saw (or split) in order to provide witness samples;
- 9) Half the sample, top half, (assay sample) is placed separately in a plastic bag tied with a plastic ribbon. The other half returns to the box according to its original position in the core box and retained for future reference;
- 10) In the case of "grinded core", samples are taken by hand with a scoop and a representative part is kept in the core box;
- 11) The other identical sample tag is stapled into the core box with a dymo tag with the sample number at the beginning of the marked sample interval;
- 12) Each canvas sample transport bag has 25 samples. The request form specifies the name of the laboratory, the person making the request, the date, the sample series, assaying method, the units for the results to be reported (g/t Au), the analytical method and any other special instructions;
- 13) One CRM sample was introduced within each batch of 24 core samples. The CRM sample introduced from Rocklabs Jar No. 82499 with the values of gold equal to 8.367 ppm Au and silver equal to 17.64 ppm Ag;
- 14) The bags are prepared for shipment to the laboratory with a work order sheet filled and included in the first bag;
- 15) Each bag of 25 samples are tied with a "tape" to seal the bags, these are ready to be shipped to the laboratory.

11.0 DATA VERIFICATION

The author did not take any samples to verify the assay data.

12.0 INTERPRETATION AND CONCLUSION

The Matachewan Property has a favorable geological environment in terms of gold potential. Classical Archean environments include structural deformation in the form of fault and shear zones, as manifest by the Larder Lake Cadillac Break and related faults, the presence of pre- to syntectonic intrusive rocks, and metamorphic grade. Furthermore, regional-specific geological characteristics, such as the presence of quartz-poor intrusive rocks, such as syenite, and the Archean volcanic-sedimentary boundary, both of which are related to gold deposits in the Matachewan to Kirkland Lake region, indicate a positive environment.

Exploration data, and geologic and geophysical evidence on the Matachewan property support the conclusion that the environment is consistent with attempting to discover a gold deposit: the location along strike with the 2.8 million ounce Young Davidson gold deposit; anomalous to high grade gold values in drill core and at the surface; strong IP anomalies; widespread alteration similar to that at Young Davidson.

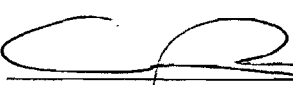
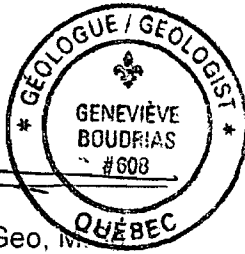
13.0 RECOMMENDATIONS

It is recommended that a program of 2000 m of drilling be setup to further follow up some of the anomalous gold mineralization values especially obtained in the previous drill holes MAT05-1,2,3,4, MAT08-6, and 9 along sheared sediments, volcanics and syenites and at the sediment – syenite sheared contacts. Further to the east, drill holes MAT05-5 and MAT-08-08 penetrated highly sheared – mylonitized volcanics in contact with syenites and this may be a favorable gold mineralizing environment.

2009 PROJECT BUDGET

Program Description	Depth - Quantity	Unit Cost /m	Estimated Cost
Diamond Drilling	2,000	63.25\$*	126,500 \$
Assaying	1,000	30\$*	30,000 \$
Geologist (1)	1.5	90,000	11,250 \$
Technician (1)	1.5	70,000	8,750 \$
Draft Person (1)	1.0	70,000	5,833 \$
Logistics (1)	1.0	10,000	10,000 \$
Management (10%)			19,233 \$
Administration (10%)			21,157 \$
Total			232,723 \$

*55\$/m +15%



Geneviève Boudrias, P. Geol., M.

Eric O. Owens, P. Geol., PhD.

Figure 5. Matachewan AZX-part DDH proposal and chargeability survey.

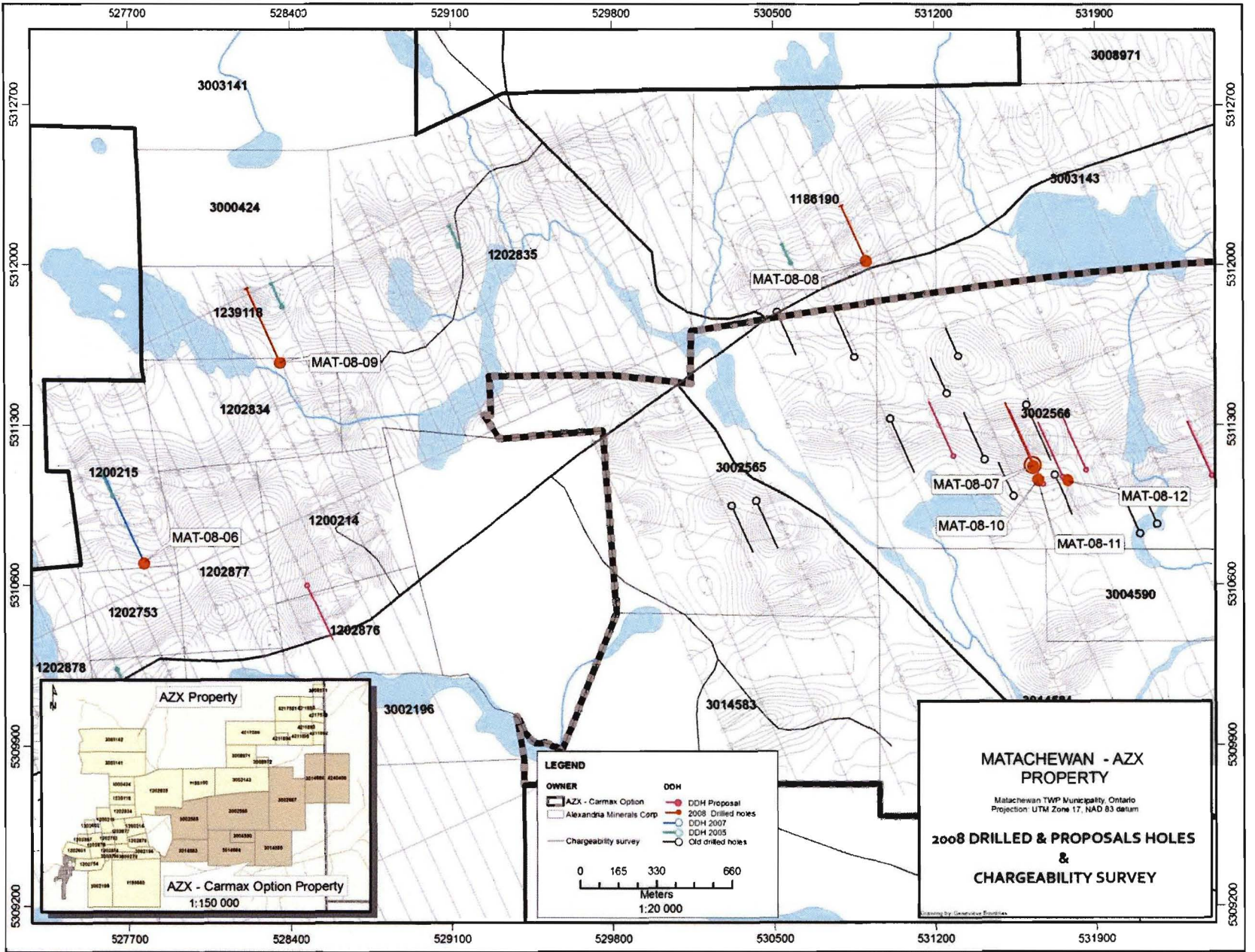


Figure 6. Matachewan AZX-part DDH proposal and total Mag survey.

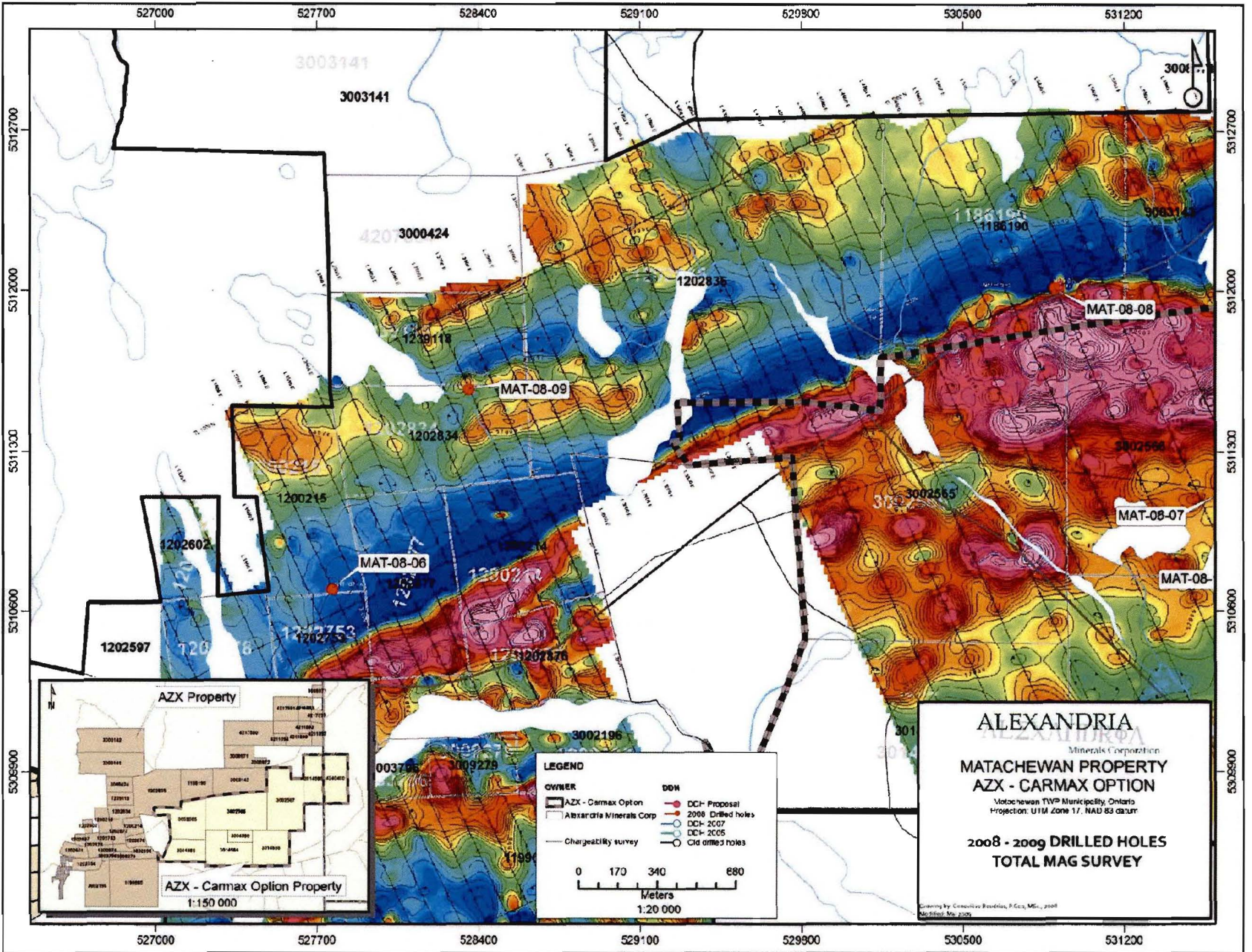


Figure 7. Matachewan AZX-part DDH proposal and Resistivity survey.

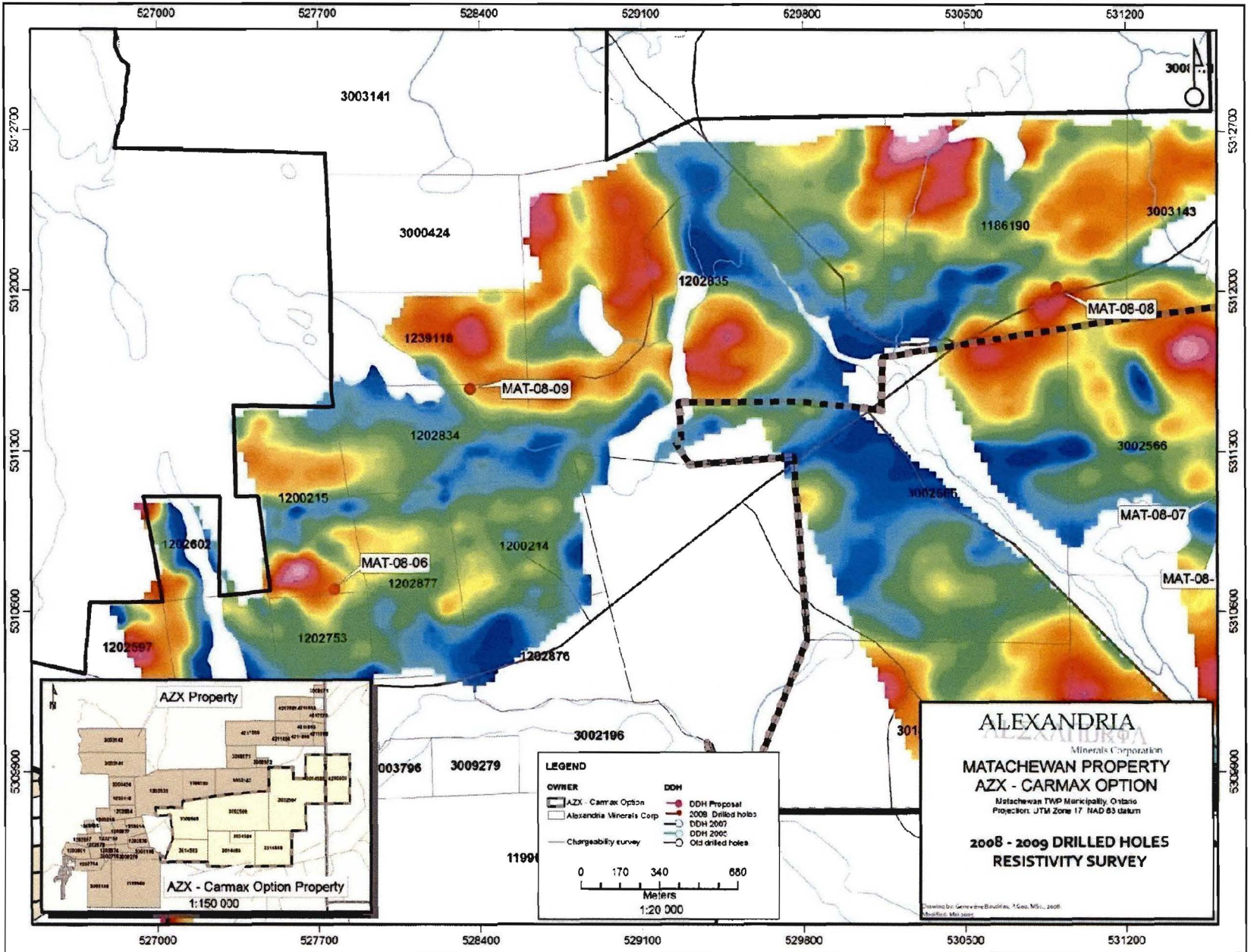
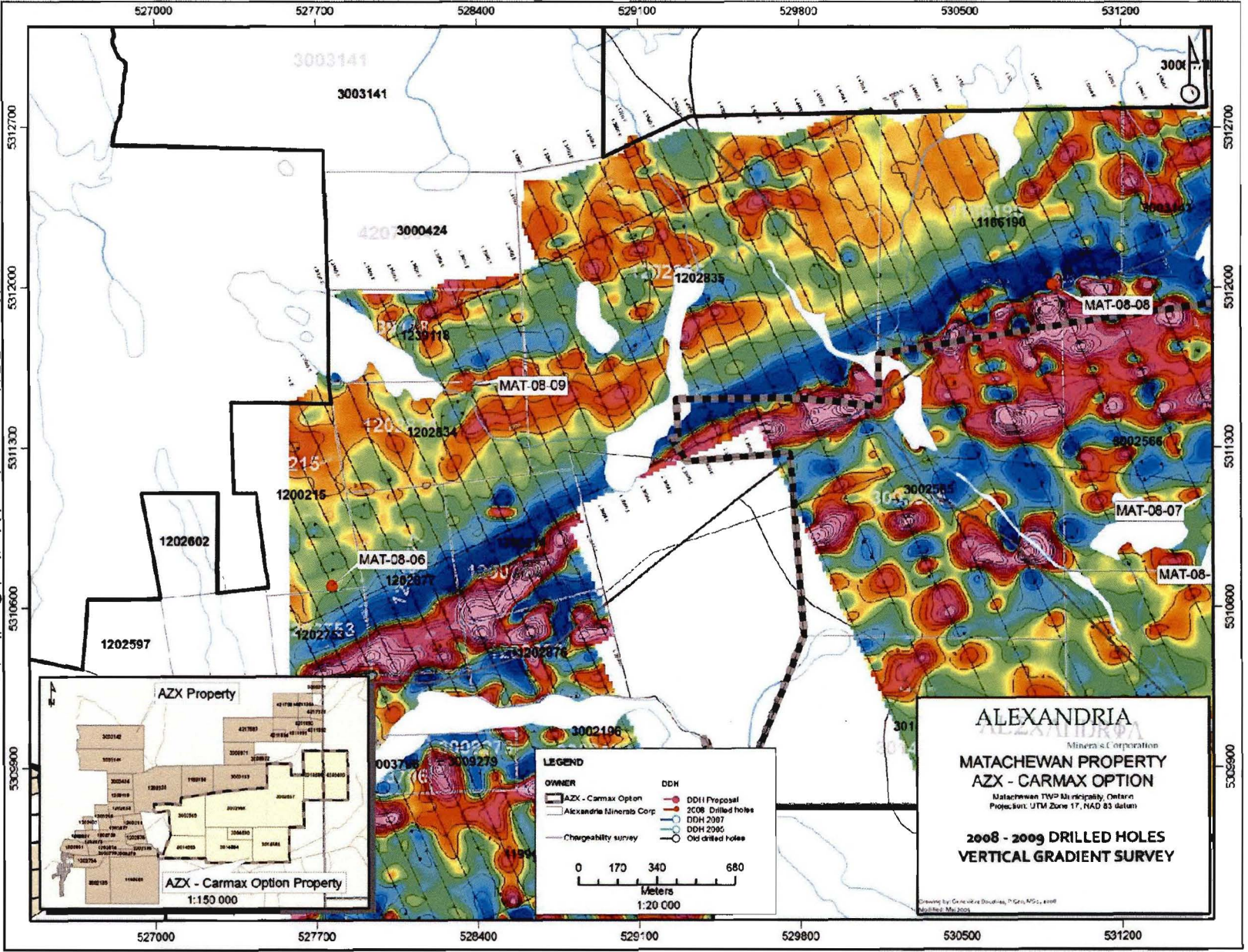


Figure 8. Matachewan AZX-part DDH proposal and Vertical Gradient survey.



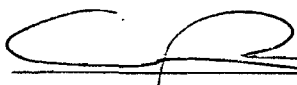
14.0 DATE AND SIGNATURE PAGE

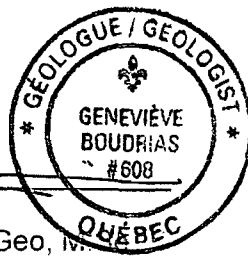
CERTIFICATE OF QUALIFICATION

I, **Geneviève Boudrias**, P.Geo. M.Sc., do hereby certify that:

1. I am a consultant geologist with office at 113, rue des Sapins, Val-d'Or, J9P 4R4, Canada.
2. I graduated with a Master degree in Geology from the University of Quebec at Montréal in 2002.
3. I am a member of the "Ordre des géologues du Québec (OGQ)", member # 608, of the Quebec Mining Exploration Association (AEMQ).
4. I have worked as a geologist for a total of 7 years.
5. I am responsible for the preparation of the report titled "Report on the 2008 drilling campaign on the Matachewan Property, Cairo Township, Ontario." and dated July 2th, 2009. I have not visited the subject property.
6. I have not had prior involvement with property that is the subject of the Report.
7. I am independent of the issuer (Alexandria Minerals Corp.).

Dated this 20th day of October, 2009.


Geneviève Boudrias, P.Geo., M.Sc.



CERTIFICATE OF QUALIFICATION

I, **Eric Owens**, P.Geo., PhD., do hereby certify that:

1. I am a geologist currently employed as President of Alexandria Minerals Corporation with an office at 100 Adelaide St. West, Ste 405, Toronto, ON, M5H 1S3, Canada.
2. I graduated with a PhD degree in Geology from the University Western Ontario in 1991.
3. I am a member of the "Association of Professional Geoscientists of Ontario (APGO)", member # 175, member of the Society of Economic Geologists, and of the Prospectors and Developers Association of Canada.
4. I have worked as a geologist for 35 years.
5. I am responsible for the factual and correct presentation of the report titled "Report on the 2008-2009 drilling campaign and mapping programme on the Matachewan Property – Carmax Option, Cairo Township, Ontario" and dated September 10th, 2009. I have visited the subject property.
6. I am not independent of the issuer (Alexandria Minerals Corp.).

Dated this 20th day of October, 2009.



Eric O. Owens, P.Geo, PhD.

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APPENDIX I
DIAMOND DRILL LOGS

Hole ID	UTM-East	UTM-North	Local E	Local N	Elevation	Length m
MAT-08-6A	527768.5	5310696.7	1700	100	330	648

Hole ID	From(m)	Azimuth	Dip	Magnetics	Grav
MAT-08-6A	0	335	-50		
MAT-08-6A	24	334.2	-50		
MAT-08-6A	81	334.5	-46.3		
MAT-08-6A	135	332.3	-46		
MAT-08-6A	183	337.9	-46.7		
MAT-08-6A	237	339.7	-47.1		
MAT-08-6A	287	340.8	-47.7		
MAT-08-6A	337	340.6	-47.9		
MAT-08-6A	387	342	-46.8		
MAT-08-6A	438	344	-45.6		
MAT-08-6A	537	346	-44.9		

Drill Hole	Depth		Lithology Code	Lithology Number	Unit	Color	Grain Size	Min 1	Min 2	Text	Structure	Struct Int	Struc CA	Mag	Grph Typo Veta	Vn %	Intensidad Alteracion / Alter. Strg															Sulfides %							Comentario		
	Fm (m)	To (m)															Lithology	Code	Unit	1-3	0-4	0/1	Si	Ca Ank	Epi	Cl	Lx	KFld Alb	Ser	Blo	Hem Mg	Ox	Tour	Talc	Fuch	Leac	Po	Sph		Cpy	Ga
MAT-08-6	99.60	100.90	VN - V3B	3.43	Carbonate-quartz vein and basalt	brownish-green							FO;VN	20	88.1	50	QZ-CL-Cb	65.0	2	2	2																				Carbonate-quartz vein and basalt; brownish - green; partly foliated; partly veined; strong alteration of quartz; moderate alterations of carbonate and chlorite; weak alterations of hematite and sericite. The unit contains 65% of quartz-chlorite-carbonate veinlets and 0.3% of pyrite. Black-grey quartz-chlorite-carbonate-pyrite vein hosted by fine-grained andesitic basalt or altered basalt. Alterations are mainly hematite-quartz-carbonate.
MAT-08-6	100.90	102.00	V3A	3.41	Andesitic basalt or altered basalt	brownish-green	fi								88.1	50	QZ-CL-CB	5.0	2	2	2																			Andesitic basalt or altered basalt; brownish - green; fine grains; moderate alterations of carbonate and chlorite; weak alterations of quartz; sil; hematite and sericite. The unit contains 5% of quartz-chlorite-carbonate veinlets and 0.1(oc.1)% of pyrite. The andesitic basalt shows foliations and laminations which are generated by two systems of fractures and veinlets. The late system is composed of minor conjugated sets of white carbonate veinlets. Weak sericite and hematite alterations suggest an andesitic aspect to the basalt. The % of pyrite, usually trace; is very locally up to 2%; disseminated or in small veins.	
MAT-08-6	102.00	102.30	T1C (V3A)	15.04	Unconsolidated mud; probably basalt	dark green	fi							50	88.1	50	CB-CL		2	2	2																		Unconsolidated mud; probably basalt; dark green; fine grains; moderate alterations of carbonate and chlorite; weak alteration of silicification. The unit contains carbonate-chlorite veinlets and 2.0% of pyrite. Mud -		
MAT-08-6	102.30	102.90	V3A	3.41	Andesitic basalt	green	fi								88.1	50	QZ-CL-CB	5.0	2	2	2																		Altered basalt or andesitic basalt; green; fine grains; moderate alterations of carbonate and chlorite; weak alterations of quartz - hematite - sericite. The unit contains 5% of quartz-chlorite-carbonate veinlets and 0.1(oc.1)% of pyrite. Foliated and laminated andesitic basalt. The andesitic basalt shows foliations and laminations which		
MAT-08-6	102.90	103.00	I3A	3.01	Gabbro	Dark green	md							22	88.1	50	CL-CB-QZ	30.0	3	2	2																		Gabbro; dark green; medium grains; strong alteration of carbonate; moderate alteration of chlorite. The unit contains 30% of chlorite-carbonate-quartz veinlets.		
MAT-08-6	103.00	111.37	V3A	3.41	Altered basalt or andesitic basalt	Green	fi							15	88.1	50	CL-CB-QZ	2.0	2	1	1																		Andesitic basalt; green; moderate alteration of carbonate; weak alterations of quartz; hematite and chlorite. The unit contains 2% of chlorite-carbonate-quartz veinlets and 0.2% of pyrite. Foliated and laminated andesitic basalt. The andesitic basalt shows foliations and laminations which are generated by two systems of fractures		
MAT-08-6	111.37	111.50	VN	15.34	Quartz-carbonate vein	greenish white	fi-co							62	88.1	50	QZ-CB-CL(HE)	95.0	2	1	1																		95 % of gray to translucent greenish white quartz-carbonate vein. Moderate alteration of carbonate; weak alterations of hematite and chlorite. The unit contains 0.7% of pyrite.		
MAT-08-6	111.50	112.40	V3A	3.41	Andesitic basalt	Brownish green	fi							68	88.1	50	QZ-CB-CL(HE)	6.0	2	1	1																		Altered basalt or andesitic basalt; brownish green; fine grains; moderate alteration of carbonate; weak alterations of quartz and chlorite. The unit contains 5% of quartz-carbonate-chlorite (hematite) veinlets and 0.2% of pyrite. Strong foliation suggests lamination-banding and is folded.		
MAT-08-6	112.40	112.70	I3A	3.01	Gabbro	Dark green	fi-md							52	88.1	50	QZ-CB-CL(HE)	3.0	2	2	2																			Gabbro; dark green; partly massive; partly foliated; fine grains; moderate alterations of carbonate and chlorite; weak alteration of hematite. The unit contains 3% of quartz-carbonate-chlorite (hematite) veinlets and 0.1% of pyrite.	
MAT-08-6	112.70	113.00	V3A	3.41	Andesitic basalt	brownish green	fi								88.1	50	QZ-CB-CL(HE)	5.0	2	1	1																			Sheared altered basalt or andesitic basalt; brownish green; fine grains; moderate alteration of carbonate; weak alterations of quartz and chlorite. The unit contains 5% of quartz-carbonate-chlorite (hematite) veinlets and 0.2% of pyrite. Strong foliation suggesting lamination-banding.	
MAT-08-6	113.00	113.10	I3A	3.01	Gabbro	dark green	fi-md							53	88.1	50	QZ-CB-CL(HE)	2.0	2	2	2																			Gabbro; dark green; fine grains; moderate alterations of carbonate and chlorite; weak alteration of silicification. The unit contains 2% of quartz-carbonate-chlorite (hematite) veinlets and 0.1% of pyrite. Mylonitised fine to medium grained gabbro; partly massive; partly foliated. Moderate alteration of carbonate and chlorite	
MAT-08-6	113.10	117.00	V3A	3.41	Andesitic basalt	brownish green	fi								88.1	50	QZ-CB-CL(HE)	2.0	2	1	1																			Sheared altered basalt or andesitic basalt; brownish green; fine grains; moderate alteration of carbonate; weak alterations of quartz and chlorite. The unit contains 2% of quartz-carbonate-chlorite (hematite) veinlets and 0.1% of pyrite. Strong foliation suggesting lamination-banding.	
MAT-08-6	117.00	117.40	VN	14.34	Carbonate-quartz vein	greenish white	fi to co								88.1	50	QZ-CB-CL(HE)	75.0	2	2	2																		75 % of carbonate-quartz vein; greenish white; fine to coarse grains; moderate alterations of carbonate and chlorite. Within altered basalt or andesitic basalt.		

Drill Hole	Depth		Lithology Code Lithology	Lithology Number Code	Unit Unit	Color	Grano metria Grain Size	Min 1	Min 2	Text	Structure	Struct Int 1-3	Struc CA 0-4	Grph Typo Vets 0/1 Vein Type	Vn %	Intensidad Alteracion / Alter. Strg											Sulfides %							Comentario						
	Fm (m)	To (m)														Sl	Ca	EpI	Cl	Lx	KFid Alb	Ser	Bio	Hem Mg	Ox	Tour	Talc	Fuch	Leac	Po	Sph	Cpy	Ga		As	Py	Total			
MAT-08-6	462.00	462.70	13A	3.01	Gabbro	green	fi					50	466.5	66	QZ-CB	3.0	1.0	1	1																					Gabbro; green; sheared; fine grains; weak alterations of carbonate, chlorite and biotite. The unit contains 3.0% of quartz-carbonate veinlets and 1% of fine pyrite.
MAT-08-6	462.70	465.35	12H	2.08	Monzodiorite	grey	fi-md					55	467.1	63	QZ-CB-CL	20.0		1	1																			Monzodiorite; grey; fine to medium grains; weak alterations of carbonate-silicification-chlorite and biotite. The unit contains 20.0% of pyrite.		
MAT-08-6	465.35	467.10	M25	14.25	Mylonite	green	fi-md					66	468	59	CB-QZ-CL	27.0	2.5	1	1																			Mylonite; green; foliated; fine to medium grains; strong alteration of carbonate; weak alteration of chlorite and 0.3% of pyrite. The unit contains 27% of carbonate-quartz-chlorite veinlets; 25% of earlier pyrite.		
MAT-08-6	467.10	467.30	13A	3.01	Gabbro	dark green	fi-md					63	473	65			1.0	1	1																		Gabbro; green; partly massive; partly sheared; fine to medium grains; weak alterations of carbonate and chlorite; 1.0% of pyrite.			
MAT-08-6	467.30	468.90	M25	14.25	Mylonite	green	fi-md					59	475.5	54	CB-QZ-CL	26.0	2.5	1	1																		Mylonite; green; foliated; fine to medium grains; moderate alteration of carbonate; weak alterations of chlorite and biotite. The unit contains 26.0% of carbonate-quartz-chlorite veinlets and 0.4% of pyrite.			
MAT-08-6	468.90	476.10	M25 (V4?)	14.25	Mylonite; possibly ultramafite	pale-green	fi					65	496.2	68	CB-QZ-CL	6.0	2.5	1	1																			Mylonite; possibly ultramafite (soft); pale green; fine grains; mainly sheared but visible massive section. The unit shows moderate alteration of carbonate; weak alterations of chlorite-talc-biotite. The unit contains 6.0% of carbonate-quartz-chlorite veinlets and 0.1% of pyrite.		
MAT-08-6	476.18	496.18	M25	14.25	Mylonite	green	fi					54	498.8	20	CB-QZ-CL	4.0	2.0	1	1																			Mylonite; green; foliated; fine grains; moderate alteration of carbonate; weak alteration of chlorite. The unit contains 4% of carbonate-quartz-chlorite veinlets and 0.4% of pyrite. Concentration of pyrite.		
MAT-08-6	496.18	498.83	12J (12F)	2.1	Diorite or monzonite	grey	fi-co					68	500.2	72	CB-QZ	4.0	2.0	1	1																			Diorite or monzonite; grey; partly massive; partly brecciated; fine to coarse grains; moderate alteration of carbonate; weak alteration of chlorite. The unit contains 4% of carbonate-quartz veinlets and 1.5% of pyrite.		
MAT-08-6	498.83	500.20	13A	3.01	Gabbro	green	fi-co					20			CB-QZ	3.0	2.5	2	2																			Gabbro; green; partly massive; partly foliated; fine to coarse grains; moderate alterations of carbonate and chlorite. The unit contains 3.0% of carbonate-quartz veinlets and 1.5% of pyrite. Schistose.		
MAT-08-6	500.20	500.90	M8 - M25	14.08	Schist - mylonite	grey-green	fi-md					72			CB-QZ	1.0	2.5	2	2																			Schist-mylonite; grey-green; foliated; fine to medium grains; moderate alterations of carbonate and chlorite. The unit contains 1.0% of carbonate-quartz veinlets and 0.5% of pyrite. Fine pyrite.		
MAT-08-6	500.90	501.87	12H	3.01	Monzodiorite	grey-green	fi-md						502.3	75	CB-QZ	2.0	2.5	2	2																			Monzodiorite; grey-green; massive; fine to medium grains; moderate alterations of carbonate and chlorite; weak alteration of biotite. The unit contains 2.0% of carbonate-quartz veinlets and 0.7% of pyrite.		
MAT-08-6	501.87	502.26	13A	3.01	Gabbro	green	fi-md								CB-QZ	3.0	2.5	2	2																			Gabbro; green; fine to medium grains; partly massive; partly sheared; moderate alterations of carbonate and chlorite; weak alteration of biotite. The unit contains 3.0% of carbonate-quartz veinlets and 1.0% of pyrite.		
MAT-08-6	502.26	502.50	12H	2.08	Monzodiorite	grey-green	fi-md					75	504	58	CB-QZ	2.0	2.5	2	2																				Monzodiorite; grey-green; massive; fine to medium grains; moderate alterations of carbonate and chlorite. The unit contains 2.0% of carbonate-quartz veinlets and 0.7% of pyrite.	
MAT-08-6	502.50	503.20	M25	14.25	Mylonite	green	fi-md				2-3		506.9	64	CB-QZ	2.0	2.5	2	2																			Mylonite; green; partly foliated; partly sheared; fine to medium grains; moderate alterations of carbonate and chlorite. The unit contains 2.0% of carbonate-quartz veinlets and 1.0% of pyrite.		
MAT-08-6	503.20	504.20	V4 (?)	4	Ultramafite	pale green	fi					58	509.4	75	CB-QZ	2.0	2.5	2	2																			Ultramafite; pale green; partly foliated; partly massive; partly sheared; fine grains; moderate alterations of carbonate and chlorite and weak alteration of biotite. The unit contains 2.0% of carbonate-quartz veinlets.		
MAT-08-6	504.20	508.40	M8 (CL-CB-TC)	14.08	Schist (ultramafite?)	green	fi to co					64	511.8	53	CB-QZ	1.0	2.5	2	2																			Schist (ultramafite?); green; sheared; fine to coarse grains; moderate alterations of carbonate-chlorite and weak alteration of biotite. The unit contains 1.0% of carbonate-quartz veinlets and 0.2% of pyrite.		
MAT-08-6	509.40	511.80	12J	2.10	Diorite	grey-green	fi-md					75	512.3	42	CB-QZ	7.0	2.0	1	1																				Strong to very strong magnetism provoked by magnetite. Diorite; grey-green; partly massive; partly fractured; fine to medium grains; moderate alteration of carbonate and weak alteration of chlorite. The unit contains 7.0% of carbonate-quartz veinlets and 0.7% of pyrite.	
MAT-08-6	511.80	512.25	13A	3.01	Gabbro	dark grey-green	fi-md				2-3	53	513.3	50	CB-QZ	8.0	2.0	1	1																			Gabbro; dark grey-green; partly massive; partly fractured; fine to medium grains; moderate alteration of carbonate; weak alteration of chlorite. The unit contains 8.0% of carbonate-quartz veinlets and 0.4% of pyrite.		
MAT-08-6	512.25	513.34	12J	2.10	Diorite	grey-green	fi-md					42	517.5	63	CB-QZ	6.0	2.0	1	1																			Diorite; grey-green; partly massive; partly fractured; fine to medium grains; moderate alteration of carbonate; weak alteration of chlorite. The unit contains 6.0% of carbonate-quartz veinlets and 1.5% of pyrite.		
MAT-08-6	513.34	520.30	CB-CL M25-M8	14.08	Carbonate-chlorite mylonite-schist	green to dark green	fi-md					50	529.6	45	CB-QZ	3.0	2.5	2	2																			Carbonate-chlorite mylonite-schist; green to dark green; partly fractured; partly laminated-banded; partly foliated; fine to medium grains; moderate alterations of carbonate and chlorite and weak alteration of hematite. The unit contains 3.0% of carbonate-quartz veinlets and 1.5% of pyrite.		
MAT-08-6	529.40	534.10	M25-M8 (V3B?)	14.25	Mylonite; possibly basalt	green	fi				3	45	534.1	58	CB-CL-QZ	4.0	2.0	2.5	2.5																			Mylonite; possibly basalt; green; partly foliated and partly brecciated; fine grains; moderate alterations of carbonate and chlorite. The unit contains 4.0% of carbonate-chlorite-quartz veinlets and 0.7% of pyrite.		

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU	Au Pyro	Au Pyro	Au g/t	Au AuGrav	Au AuGrav	Au Avg	AG	CU	ZN	Pb
						PPM	Grav 1	Grav 2	Msieve	Pulpe	Reject	g/t	PPM	PPM	PPM	
TechLat TechLab																
MAT-08-6A	114473	27.00	28.50	1.50	Wacke; slightly conglomeratic	0.005						0.005	-0.2	51	86	
MAT-08-6A	114474	33.00	34.50	1.50	Wacke; slightly conglomeratic	0.005						0.005	0.2	42	87	
MAT-08-6A	114475	42.00	43.50	1.50	Wacke; slightly conglomeratic	-0.005						0.002	0.3	109	86	
MAT-08-6A	114476	51.00	52.50	1.50	Wacke	-0.005						0.002	-0.2	42	93	
MAT-08-6A	114477	60.00	61.50	1.50	Conglomeratic wacke	-0.005						0.002	-0.2	37	34	
MAT-08-6A	114478	63.00	64.50	1.50	Conglomeratic wacke	-0.005						0.002	-0.2	33	49	
MAT-08-6A	114479	66.00	67.50	1.50	Conglomeratic wacke	0.005						0.005	-0.2	31	70	
MAT-08-6A	114480	st-10			standard - 10	7.18						7.18	1	120	91	
MAT-08-6A	114481	69.00	70.50	1.50	Conglomeratic wacke	-0.005						0.002	0.3	36	65	
MAT-08-6A	114482	78.50	79.50	1.00	Wacke	-0.005						0.002	-0.2	25	73	
MAT-08-6A	114483	87.00	88.50	1.50	Wacke; slightly conglomeratic	0.005						0.005	-0.2	32	69	
MAT-08-6A	114484	91.50	93.00	1.50	Basalt	-0.005						0.002	-0.2	96	106	
MAT-08-6A	114485	98.00	99.50	1.50	Basalt	-0.005						0.002	-0.2	156	138	
MAT-08-6A	114486	99.50	101.00	1.50	Carbonate-quartz vein and basalt	-0.005						0.002	-0.2	94	112	
MAT-08-6A	114487	101.00	102.00	1.00	Altered basalt or altered basalt with shorts	-0.005						0.002	-0.2	22	129	
MAT-08-6A	114488	101.00	102.00	1.00	duplicata	-0.005						0.002	-0.2	27	136	
MAT-08-6A	114489	102.00	103.50	1.50	Unconsolidated mud (probably altered basalt or	-0.005						0.002	0.2	207	120	
MAT-08-6A	114490	103.50	105.00	1.50	Altered basalt basalt or andesitic basalt	-0.005						0.002	-0.2	53	116	
MAT-08-6A	114491	105.00	106.50	1.50	Altered basalt basalt or andesitic basalt	-0.005						0.002	-0.2	77	102	
MAT-08-6A	114492	blank			blank	-0.005						0.002	-0.2	4	43	
MAT-08-6A	114493	106.5	108.00	1.50	Altered basalt basalt or andesitic basalt	0.011						0.011	0.2	80	118	
MAT-08-6A	114494	108.00	109.50	1.50	Altered basalt basalt or andesitic basalt	-0.005						0.002	0.3	106	230	
MAT-08-6A	114495	109.50	111.00	1.50	Altered basalt basalt or andesitic basalt	-0.005						0.002	-0.2	109	107	
MAT-08-6A	114496	blank			blank	-0.005						0.002	-0.2	10	34	
MAT-08-6A	114497	111.0	112.5	1.50	Quartz -carbonate vein - altered basalt or andesitic basalt	-0.005						0.002	0.4	230	338	
MAT-08-6A	114498	112.50	114.00	1.50	Gabbro - Altered basalt or andesitic basalt	-0.005						0.002	0.8	178	1325	
MAT-08-6A	114499	114.00	115.50	1.50	Altered basalt basalt or andesitic basalt	0.038						0.038	0.5	286	283	
MAT-08-6A	114500	st-16			standard -16	1.05						1.05	-0.2	57	71	
MAT-08-6A	548351	115.50	117.00	1.50	Andesitic basalt	-0.005						0.002	-0.2	132	181	
MAT-08-6A	548352	117.00	118.50	1.50	Carbonate - chlorite vein - Gabbro	-0.005						0.002	-0.2	75	276	
MAT-08-6A	548353	118.50	120.00	1.50	Altered basalt basalt or andesitic basalt	-0.005						0.002	0.3	71	495	
MAT-08-6A	548354	120.00	121.50	1.50	Basalt	-0.005						0.002	0.4	63	264	
MAT-08-6A	548355	121.50	123.00	1.50	Gabbro and basalt	0.051						0.051	0.4	77	243	
MAT-08-6A	548356	121.50	123.00	1.50	duplicata	-0.005						0.002	-0.2	92	194	
MAT-08-6A	548357	123.00	124.50	1.50	Basalt	0.028						0.028	-0.2	120	180	
MAT-08-6A	548358	blank			blank	-0.005						0.002	-0.2	1	42	
MAT-08-6A	548359	124.50	126.00	1.50	Basalt	0.04						0.04	-0.2	128	155	
MAT-08-6A	548360	126.00	127.50	1.50	Basalt	0.019						0.019	-0.2	110	150	
MAT-08-6A	548361	127.50	129.00	1.50	Basalt	-0.005						0.002	-0.2	116	153	
MAT-08-6A	548362	129.00	130.50	1.50	Basalt	-0.005						0.002	-0.2	77	219	
MAT-08-6A	548363	136.00	137.00	1.00	Basalt	-0.005						0.002	0.3	125	772	
MAT-08-6A	548364	137.00	138.50	1.50	Basalt	-0.005						0.002	-0.2	127	399	
MAT-08-6A	548365	145.50	147.00	1.50	Altered basalt basalt or andesitic basalt	0.006						0.006	-0.2	72	126	
MAT-08-6A	548366	150.00	151.50	1.50	Mylonitised basalt -Vein	-0.005						0.002	-0.2	61	101	
MAT-08-6A	548367	151.50	153.00	1.50	Quartz vein - mylonitised basalt	-0.005						0.002	-0.2	79	82	
MAT-08-6A	548368	153.00	154.50	1.50	Mylonitised basalt	-0.005						0.002	-0.2	122	67	
MAT-08-6A	548369	154.50	156.00	1.50	Altered basalt basalt or andesitic basalt	-0.005						0.002	-0.2	152	98	
MAT-08-6A	548370	154.50	156.00	1.50	duplicata	-0.005						0.002	-0.2	84	93	
MAT-08-6A	548371	157.50	159.00	1.50	Altered basalt basalt or andesitic basalt (Vein)	-0.005						0.002	-0.2	68	203	
MAT-08-6A	548372	161.50	162.00	0.50	Altered basalt basalt or andesitic basalt	-0.005						0.002	-0.2	70	88	
MAT-08-6A	548373	163.50	165.00	1.50	Altered basalt basalt or andesitic basalt -Vein	-0.005						0.002	-0.2	66	98	
MAT-08-6A	548374	169.50	171.00	1.50	Basalt	-0.005						0.002	-0.2	93	134	
MAT-08-6A	548375	171.00	172.50	1.50	Basalt	-0.005						0.002	-0.2	91	139	
MAT-08-6A	548376	172.50	174.00	1.50	Basalt	0.011						0.011	0.5	99	702	
MAT-08-6A	548377	blank			blank	-0.005						0.002	-0.2	2	61	
MAT-08-6A	548378	178.50	180.00	1.50	Basalt	0.007						0.007	-0.2	128	153	
MAT-08-6A	548379	180.00	181.50	1.50	Basalt	-0.005						0.002	0.3	86	140	
MAT-08-6A	548380	st-16			standard -16	1.005						1.005	0.3	55	70	
MAT-08-6A	548381	183.00	184.50	1.50	Basalt and gabbro	-0.005						0.002	0.2	133	219	
MAT-08-6A	548382	184.50	186.00	1.50	Basalt	0.006						0.006	0.2	315	271	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU	Au Pyro	Au Pyro	Au g/t	Au AuGrav	Au AuGrav	Au Avg	AG	CU	ZN	Pb
						PPM	Grav 1	Grav 2	Msieve	Pulpe	Reject	g/t	PPM	PPM	PPM	
MAT-08-6A	548383	187.50	189.00	1.50	Basalt	0.011						0.011	0.2	142	361	
MAT-08-6A	548384	189.00	190.50	1.50	Mylonite (cataclasite)	-0.005						0.002	-0.2	107	229	
MAT-08-6A	548385	190.50	192.00	1.50	Gabbro Mylonite	-0.005						0.002	0.7	102	365	
MAT-08-6A	548386	192.00	193.50	1.50	Gabbro - gabbro	-0.005						0.002	-0.2	78	181	
MAT-08-6A	548387	193.50	195.00	1.50	Basalt	-0.005						0.002	0.2	97	168	
MAT-08-6A	548388	blank			blank	-0.005						0.002	-0.2	2	42	
MAT-08-6A	548389	196.50	198.00	1.50	Basalt	0.006						0.006	-0.2	108	125	
MAT-08-6A	548390	199.50	201.00	1.50	Basalt	-0.005						0.002	-0.2	111	139	
MAT-08-6A	548391	201.00	202.50	1.50	Basalt	-0.005						0.002	-0.2	78	167	
MAT-08-6A	548392	205.50	207.00	1.50	Basalt	-0.005						0.002	-0.2	128	163	
MAT-08-6A	548393	207.00	208.50	1.50	Basalt	-0.005						0.002	-0.2	98	145	
MAT-08-6A	548394	211.50	213.00	1.50	Gabbro -basalt	-0.005						0.002	-0.2	131	214	
MAT-08-6A	548395	211.50	213.00	1.50	duplicata	-0.005						0.002	0.2	147	209	
MAT-08-6A	548396	213.00	214.50	1.50	Feldspathic gabbro - basalt (Vein -basalt)	-0.005						0.002	0.2	146	182	
MAT-08-6A	548397	216.00	217.40	1.40	Gabbro - carbonate-quartz-chlorite Vein	-0.005						0.002	0.2	69	85	
MAT-08-6A	548398	217.40	218.00	0.60	Carbonate-quartz-chlorite vein- gabbro	-0.005						0.002	-0.2	16	81	
MAT-08-6A	548399	221.50	222.00	0.50	Basalt? - gabbro	-0.005						0.002	-0.2	113	87	
MAT-08-6A	548400	st-10			standard -10	7.34						7.34	1	117	92	
MAT-08-6A	548401	231.00	232.50	1.50	Basalt some sheared black chlorite material.	0.015						0.015	-0.2	351	174	
MAT-08-6A	548402	237.00	238.50	1.50	Basalt	-0.005						0.002	-0.2	123	72	
MAT-08-6A	548403	240.00	241.50	1.50	Basalt with veins	-0.005						0.002	-0.2	63	75	
MAT-08-6A	548404	241.50	243.00	1.50	Basalt with veins	0.005						0.005	-0.2	79	89	
MAT-08-6A	548405	243.00	244.50	1.50	Basalt with veins	0.01						0.01	-0.2	104	63	
MAT-08-6A	548406	243.00	244.50	1.50	duplicata	0.018						0.018	-0.2	93	71	
MAT-08-6A	548407	244.50	246.00	1.50	Basalt	-0.005						0.002	-0.2	141	97	
MAT-08-6A	548408	246.00	247.50	1.50	Basalt with veins	-0.005						0.002	-0.2	128	80	
MAT-08-6A	548409	247.50	249.00	1.50	Basalt with veins	-0.005						0.002	-0.2	86	91	
MAT-08-6A	548410	249.00	250.50	1.50	Basalt with veins	-0.005						0.002	-0.2	85	71	
MAT-08-6A	548411	250.50	252.00	1.50	Basalt with veins	-0.005						0.002	-0.2	124	371	
MAT-08-6A	548412	blank			blank	0.007						0.007	-0.2	9	44	
MAT-08-6A	548413	252.00	253.50	1.50	Basalt - (Chlorite-graphite) mylonite	0.005						0.005	-0.2	184	709	
MAT-08-6A	548414	253.50	255.00	1.50	Basalt	-0.005						0.002	-0.2	97	74	
MAT-08-6A	548415	255.00	256.50	1.50	Basalt	-0.005						0.002	-0.2	112	62	
MAT-08-6A	548416	256.50	258.00	1.50	Basalt	-0.005						0.002	-0.2	106	60	
MAT-08-6A	548417	258.00	259.50	1.50	Basalt	-0.005						0.002	-0.2	165	42	
MAT-08-6A	548418	259.50	261.00	1.50	Basalt - feldspathic gabbro	-0.005						0.002	-0.2	122	59	
MAT-08-6A	548419	267.00	268.50	1.50	Basalt - mylonite	-0.005						0.002	-0.2	222	292	
MAT-08-6A	548420	st-54			standard -54	3.01						3.01	4.6	>10000	107	
MAT-08-6A	548421	268.50	270.00	1.50	Mylonite with relics of basalt and gabbro - gabbro local vein	-0.005						0.002	-0.2	99	598	
MAT-08-6A	548422	270.00	271.50	1.50	Mylonite with relics of basalt and gabbro	-0.005						0.002	-0.2	110	163	
MAT-08-6A	548423	273.00	274.50	1.50	Mylonite- gabbro	0.005						0.005	-0.2	123	274	
MAT-08-6A	548424	274.50	276.00	1.50	Altered basalt or andesitic basalt and basalt	-0.005						0.002	-0.2	66	897	
MAT-08-6A	548425	276.00	277.50	1.50	Altered basalt or andesitic basalt and basalt	0.006						0.008	-0.2	78	234	
MAT-08-6A	548426	277.50	279.00	1.50	Altered basalt or andesitic basalt and basalt	-0.005						0.002	-0.2	100	137	
MAT-08-6A	548427	279.00	280.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	165	93	
MAT-08-6A	548428	282.00	283.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	197	75	
MAT-08-6A	548429	blank			blank	-0.005						0.002	-0.2	5	44	
MAT-08-6A	548430	285.00	287.50	2.50	Gabbroic diorite	-0.005						0.002	-0.2	170	78	
MAT-08-6A	548431	288.00	289.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	171	91	
MAT-08-6A	548432	294.00	295.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	142	63	
MAT-08-6A	548433	298.50	300.00	1.50	Gabbroic diorite	-0.005						0.002	-0.2	170	76	
MAT-08-6A	548434	303.00	304.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	165	70	
MAT-08-6A	548435	303.00	304.50	1.50	duplicata	-0.005						0.002	-0.2	173	73	
MAT-08-6A	548436	307.50	309.00	1.50	Gabbroic diorite	-0.005						0.002	-0.2	160	71	
MAT-08-6A	548437	310.50	312.00	1.50	Gabbroic diorite	-0.005						0.002	-0.2	143	80	
MAT-08-6A	548438	315.00	316.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	165	65	
MAT-08-6A	548439	319.50	321.00	1.50	Gabbroic diorite	-0.005						0.002	-0.2	208	55	
MAT-08-6A	548440	st-10			standard -10	7.31						7.31	0.9	117	89	
MAT-08-6A	548441	322.50	324.00	1.50	Gabbroic diorite	0.021						0.021	-0.2	229	60	
MAT-08-6A	548442	327.00	328.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	199	62	
MAT-08-6A	548443	331.50	333.00	1.50	Gabbroic diorite	0.005						0.005	-0.2	169	80	
MAT-08-6A	548444	333.00	334.50	1.50	Gabbroic diorite	-0.005						0.002	-0.2	169	84	
MAT-08-6A	548445	334.50	336.00	1.50	Gabbroic diorite	-0.005						0.002	-0.2	146	78	
MAT-08-6A	548446	336.00	339.00	3.00	Basalt (local gabbro)	-0.005						0.002	-0.2	117	91	
MAT-08-6A	548447	339.00	340.50	1.50	Basalt	-0.005						0.002	-0.2	226	225	
MAT-08-6A	548448	342.00	343.50	1.50	Basalt	-0.005						0.002	-0.2	54	67	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU	Au	Au	Au	Au	Au	Au	AG	CU	ZN	Pb
						PPM	Pyro Grav 1	Pyro Grav 2	Msieve	Au Grav Pulpe	Au Grav Reject	g/t				
MAT-08-6A	548449	348.00	350.50	2.50	Basalt	0.15						0.15	<0.2	133	60	
MAT-08-6A	548450	354.00	355.50	1.50	Basalt	-0.005						0.002	<0.2	104	76	
MAT-08-6A	560851	blank			blank	0.026						0.026	<0.2	5	37	
MAT-08-6A	560852	358.50	360.00	1.50	Diorite or Monzodiorite (local basalt)	-0.005						0.002	<0.2	102	107	
MAT-08-6A	560853	360.00	361.50	1.50	Diorite or Monzodiorite	-0.005						0.002	<0.2	98	98	
MAT-08-6A	560854	361.50	363.00	1.50	Diorite or Monzodiorite	-0.005						0.002	<0.2	140	112	
MAT-08-6A	560855	363.00	364.00	1.00	Diorite - chlorite-graphite schist.	-0.005						0.002	<0.2	192	149	
MAT-08-6A	560856	364.00	365.00	1.00	Diorite - chlorite-graphite schist.	0.008						0.008	0.5	191	607	
MAT-08-6A	560857	365.00	366.00	1.00	Chlorite and graphite mylonite - schist and alt. basalt or andesitic basalt	0.006						0.006	0.7	183	862	
MAT-08-6A	560858	366.00	367.50	1.50	altered basalt or andesitic basalt	-0.005						0.002	-0.2	41	353	
MAT-08-6A	560859	366.00	367.50	1.50	duplicata	-0.006						0.002	0.2	43	630	
MAT-08-6A	560860	st-10			standard -10	7.25						7.25	1	115	93	
MAT-08-6A	560861	372.00	373.50	1.50	Basalt and veins	0.009						0.009	-0.2	30	227	
MAT-08-6A	560862	373.50	375.00	1.50	Gabbro (altered Basalt)	0.011						0.011	0.3	103	656	
MAT-08-6A	560863	376.50	378.00	1.50	Basalt	-0.005						0.002	-0.2	67	266	
MAT-08-6A	560864	379.50	381.00	1.50	Gabbro - ultramafite	0.013						0.013	0.2	69	370	
MAT-08-6A	560865	385.50	387.00	1.50	Gabbro with some section of basalts	-0.005						0.002	-0.2	74	130	
MAT-08-6A	560866	387.00	388.50	1.50	Gabbro with some section of basalts	-0.005						0.002	0.8	60	1655	
MAT-08-6A	560867	blank			blank	-0.005						0.002	-0.2	5	72	
MAT-08-6A	560868	388.50	390.00	1.50	Sheared basalt?	-0.005						0.002	-0.2	44	75	
MAT-08-6A	560869	390.00	391.50	1.50	Sheared basalt?	0.05						0.05	-0.2	46	49	
MAT-08-6A	560870	391.50	393.00	1.50	Sheared basalt - (graphite-chlorite) mylonite - schist	0.053						0.053	-0.2	53	234	
MAT-08-6A	560871	393.00	394.50	1.50	Monzodiorite	0.13						0.13	-0.2	45	93	
MAT-08-6A	560872	394.50	396.00	1.50	Monzodiorite	0.097						0.097	-0.2	39	143	
MAT-08-6A	560873	396.00	397.50	1.50	Monzodiorite	0.297						0.297	-0.2	41	90	
MAT-08-6A	560874	397.50	399.00	1.50	Monzodiorite	0.006						0.006	-0.2	42	103	
MAT-08-6A	560875	399.00	400.50	1.50	Monzodiorite	0.007						0.007	-0.2	52	92	
MAT-08-6A	560876	400.50	402.00	1.50	Monzodiorite	-0.005						0.002	-0.2	42	161	
MAT-08-6A	560877	402.00	403.50	1.50	Monzodiorite	0.13						0.13	0.2	43	87	
MAT-08-6A	560878	403.50	405.00	1.50	Monzodiorite	0.077						0.077	0.3	44	83	
MAT-08-6A	560879	405.00	406.50	1.50	Monzodiorite	0.083						0.083	-0.2	30	88	
MAT-08-6A	560880	st-15			standard -15	1.035						1.035	-0.2	56	72	
MAT-08-6A	560881	405.00	406.50	1.50	duplicata	0.115						0.115	-0.2	31	88	
MAT-08-6A	560882	406.50	408.00	1.50	Monzodiorite - mylonite (possibly monzodiorite)	0.037						0.037	-0.2	61	96	
MAT-08-6A	560883	408.00	409.50		Mylonite (possibly monzodiorite)	0.009						0.009	-0.2	74	106	
MAT-08-6A	560884	409.50	411.00	1.50	Monzodiorite	0.017						0.017	-0.2	39	93	
MAT-08-6A	560885	411.00	412.50	1.50	Monzodiorite	0.035						0.035	-0.2	15	87	
MAT-08-6A	560886	412.50	414.00	1.50	Monzodiorite	0.01						0.01	-0.2	18	91	
MAT-08-6A	560887	414.00	415.50	1.50	Monzodiorite	0.013						0.013	0.2	15	92	
MAT-08-6A	560888	415.50	417.00	1.50	Monzodiorite	-0.005						0.002	-0.2	15	112	
MAT-08-6A	560889	417.00	418.50	1.50	Black chlorite and graphitic schistose unit - monzodiorite	0.082						0.082	0.4	269	1260	
MAT-08-6A	560890	418.50	420.25	1.75	Black chlorite and graphite schistose unit	0.052						0.052	0.3	225	1665	
MAT-08-6A	560891	420.25	421.50	1.25	Monzodiorite	0.023						0.023	0.2	55	209	
MAT-08-6A	560892	420.25	421.50	1.25	duplicata	0.014						0.014	-0.2	55	252	
MAT-08-6A	560893	421.50	423.00	1.50	Monzodiorite	0.027						0.027	0.2	42	81	
MAT-08-6A	560894	423.00	424.50	1.50	Monzodiorite	0.032						0.032	-0.2	38	107	
MAT-08-6A	560895	424.50	426.00	1.50	Monzodiorite	0.027						0.027	-0.2	40	210	
MAT-08-6A	560896	426.00	427.50	1.50	Monzodiorite	0.014						0.014	0.2	53	127	
MAT-08-6A	560897	427.50	429.00	1.50	Monzodiorite	0.014						0.014	0.4	38	91	
MAT-08-6A	560898	429.00	430.50	1.50	Monzodiorite	-0.005						0.002	0.5	44	383	
MAT-08-6A	560899	430.50	432.00	1.50	Monzodiorite	0.066						0.066	-0.2	43	204	
MAT-08-6A	560900	st-10			standard -10	7.6						7.6	1	115	90	
MAT-08-6A	560901	432.00	433.50	1.50	Monzodiorite	0.007						0.007	0.2	77	328	
MAT-08-6A	560902	433.50	435.00	1.50	Anastomosed schist	0.008						0.008	-0.2	34	127	
MAT-08-6A	560903	436.50	438.00	1.50	Anastomosed schist	0.013						0.013	-0.2	36	181	
MAT-08-6A	560904	439.50	441.00	1.50	Anastomosed schist monzodiorite	-0.005						0.002	0.3	25	75	
MAT-08-6A	560905	blank			blank	-0.005						0.002	-0.2	11	39	
MAT-08-6A	560906	441.00	442.50	1.50	Mylonite-monzodiorite	-0.005						0.002	-0.2	82	211	
MAT-08-6A	560907	444.00	445.50	1.50	Monzodiorite - (carbonate -chlorite) mylonite - schist	-0.005						0.002	-0.2	35	233	
MAT-08-6A	560908	blank			blank	-0.005						0.002	0.2	6	39	
MAT-08-6A	560909	445.50	447.00	1.50	Mylonite	-0.005						0.002	-0.2	68	283	
MAT-08-6A	560910	453.00	454.50	1.50	Mylonite	-0.005						0.002	0.5	92	682	
MAT-08-6A	560911	454.50	456.00	1.50	Mylonite	-0.005						0.002	0.6	70	989	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU	Au Pyro	Au Pyro	Au g/t	Au AuGrav	Au AuGrav	Au Avg	AG	CU	ZN	Pb
						PPM	Grav 1	Grav 2	Msieve	Pulpe	Reject	g/t	PPM	PPM	PPM	
MAT-08-6A	560912	456.00	457.50	1.50	(Carbonate-chlorite) mylonite - schist	-0.005						0.002	-0.2	75	113	
MAT-08-6A	560913	457.50	459.00	1.50	(Carbonate-chlorite) mylonite - schist	0.006						0.006	0.2	75	120	
MAT-08-6A	560914	459.00	460.50	1.50	(Carbonate-chlorite) mylonite - schist	0.007						0.007	-0.2	86	112	
MAT-08-6A	560915	460.00	460.50	1.50	duplicata	0.008						0.008	0.2	82	109	
MAT-08-6A	560916	460.50	462.00	1.50	(Carbonate-chlorite) mylonite - schist	0.006						0.006	-0.2	73	111	
MAT-08-6A	560917	462.00	463.50	1.50	Gabbro-Monzodiorite	0.008						0.008	0.2	29	104	
MAT-08-6A	560918	463.50	465.00	1.50	Monzodiorite	-0.005						0.002	0.2	30	92	
MAT-08-6A	560919	465.00	466.50	1.50	Mylonite-monzodiorite	0.007						0.007	-0.2	59	125	
MAT-08-6A	560920	st-15			standard -15	1.01						1.01	0.3	56	69	
MAT-08-6A	560921	466.50	468.00	1.50	Gabbro-Mylonite	0.009						0.009	2.1	73	98	
MAT-08-6A	560922	468.00	469.50	1.50	Mylonite	-0.005						0.002	-0.2	70	95	
MAT-08-6A	560923	472.50	474.00	1.50	Mylonite; possibly ultramafite	-0.005						0.002	-0.2	105	142	
MAT-08-6A	560924	495.00	496.50	1.50	Mylonite - diorite	0.006						0.006	-0.2	75	104	
MAT-08-6A	560925	496.50	498.00	1.50	Diorite or monzonite	-0.005						0.002	-0.2	46	92	
MAT-08-6A	560926	498.00	499.50	1.50	gabbro -diorite	0.011						0.011	-0.2	84	118	
MAT-08-6A	560927	499.50	501.00	1.50	Monzodiorite-gabbro - mylonite -schist	0.006						0.006	-0.2	50	124	
MAT-08-6A	560928	501.00	502.50	1.50	Monzodiorite- Gabbro	0.005						0.005	-0.2	50	95	
MAT-08-6A	560929	502.50	504.00	1.50	Monzodiorite - Mylonite	-0.005						0.002	0.3	79	127	
MAT-08-6A	560930	504.00	505.50	1.50	Chlorite-carbonate-(talc) schist	0.008						0.008	-0.2	73	108	
MAT-08-6A	560931	508.50	510.00	1.50	Chlorite-carbonate-(talc) schist	0.012						0.012	-0.2	83	94	
MAT-08-6A	560932	blank			blank	-0.005						0.002	-0.2	3	40	
MAT-08-6A	560933	510.00	511.50	1.50	Diorite	0.046						0.046	-0.2	35	104	
MAT-08-6A	560934	511.50	513.00	1.50	Diorite - Gabbro	0.082						0.082	-0.2	19	114	
MAT-08-6A	560935	511.50	513.00	1.50	duplicata	0.079						0.079	0.3	16	134	
MAT-08-6A	560936	513.00	514.50	1.50	Diorite - (chlorite- carbonate - (graphite)) mylonite	0.083						0.083	-0.2	74	87	
MAT-08-6A	560943	514.50	516.00	1.50	chlorite-graphite mylonite	0.025						0.025	-0.2	102	118	
MAT-08-6A	560944	516.00	517.50	1.50	chlorite-graphite mylonite	0.022						0.022	-0.2	76	130	
MAT-08-6A	560945	517.50	519.00	1.50	chlorite-graphite mylonite	0.021						0.01	-0.2	72	95	
MAT-08-6A	560937	519.00	520.50	1.50	Carbonate-chlorite mylonite - schist	0.017						0.017	-0.2	95	81	
MAT-08-6A	560938	520.50	522.00	1.50	gabbro	0.01						0.01	-0.2	131	59	
MAT-08-6A	560939	525.00	526.50	1.50	gabbro	-0.005						0.002	-0.2	146	46	
MAT-08-6A	560940	st-10			standard-10	7.43						7.43	1	120	96	
MAT-08-6A	560941	529.50	531.00	1.50	Cataclasite-mylonite	0.006						0.006	-0.2	60	95	
MAT-08-6A	560942	531.00	532.50	1.50	Mylonite; possibly basalt	-0.005						0.002	0.2	58	98	
MAT-08-6A	560946	532.50	534.00	1.50	Mylonite; possibly basalt	-0.005						0.002	-0.2	60	101	
MAT-08-6A	560947	535.50	537.00	1.50	Mylonite; possibly basalt	0.005						0.005	-0.2	65	103	
MAT-08-6A	560948	540.00	541.50	1.50	Mylonite	0.005						0.005	-0.2	72	106	
MAT-08-6A	560949	541.50	543.00	1.50	Mylonite	-0.005						0.002	-0.2	60	113	
MAT-08-6A	560950	543.00	544.50	1.50	Mylonite Gabbro	0.011						0.011	0.3	77	107	
MAT-08-6A	560951	546.00	547.50	1.50	Mylonite	0.005						0.005	-0.2	80	108	
MAT-08-6A	560952	547.50	549.00	1.50	Mylonite	0.005						0.005	-0.2	85	111	
MAT-08-6A	560953	549.00	550.50	1.50	Mylonite-Diorite	0.007						0.007	-0.2	126	104	
MAT-08-6A	560954	553.50	555.00	1.50	Mylonite-Diorite	0.005						0.005	-0.2	91	105	
MAT-08-6A	560955	555.00	556.50	1.50	Mylonite	-0.005						0.002	-0.2	74	103	
MAT-08-6A	560956	558.00	559.50	1.50	Mylonite	-0.005						0.002	-0.2	75	107	
MAT-08-6A	560957	558.00	559.50	1.50	duplicata	-0.005						0.002	0.2	74	106	
MAT-08-6A	560958	562.50	564.00	1.50	Mylonite	0.006						0.006	0.2	78	102	
MAT-08-6A	560959	562.50	564.00	1.50	duplicata	0.008						0.008	-0.2	80	103	
MAT-08-6A	560960	st-54			standard-54	2.92						2.92	4.9	>1000	113	
MAT-08-6A	560981	564.00	566.50	2.50	Mylonite-Diorite	0.014						0.014	-0.2	91	127	
MAT-08-6A	560982	570.50	571.50	1.00	Mylonite	0.018						0.018	0.2	87	119	
MAT-08-6A	560983	blank			blank	-0.005						0.002	-0.2	20	40	
MAT-08-6A	560984	571.50	573.00	1.50	Monzodiorite	0.02						0.02	0.4	50	150	
MAT-08-6A	560985	573.00	574.50	1.50	Monzodiorite	0.011						0.011	0.2	43	106	
MAT-08-6A	560986	574.50	576.00	1.50	Monzodiorite	0.041						0.041	0.3	126	108	
MAT-08-6A	560987	576.00	577.50	1.50	Monzodiorite	0.044						0.044	0.2	116	80	
MAT-08-6A	560988	blank			blank	0.013						0.013	-0.2	37	38	
MAT-08-6A	560989	577.50	579.00	1.50	Mylonite and some monzodiorites	0.023						0.023	0.4	87	107	
MAT-08-6A	560970	579.00	580.50	1.50	Monzodiorite	0.072						0.072	0.2	74	87	
MAT-08-6A	560971	580.50	582.00	1.50	Monzodiorite	0.042						0.042	0.2	62	107	
MAT-08-6A	560972	582.00	583.50	1.50	Monzodiorite	0.017						0.017	0.2	66	95	
MAT-08-6A	560973	583.50	585.00	1.50	Mylonite and some monzodiorites	0.093						0.093	0.2	43	89	
MAT-08-6A	560974	585.00	586.50	1.50	Syenite or trachyte	0.008						0.008	-0.2	19	41	
MAT-08-6A	560975	586.50	588.00	1.50	duplicata	0.018						0.018	-0.2	18	42	
MAT-08-6A	560976	588.00	588.00	1.50	Syenite or trachyte	-0.005						0.002	-0.2	16	26	
MAT-08-6A	560977	588.00	589.50	1.50	Syenite or trachyte	0.009						0.009	-0.2	30	40	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU	Au Pyro	Au Pyro	Au g/t	Au	Au	Au Avg	AG	CU	ZN	Pb
						PPM	Grav 1	Grav 2	Msieve	AuGrav Pulpe	AuGrav Reject	g/t	PPM	PPM	PPM	
MAT-08-6A	560978	589.50	591.00	1.50	Syenite or trachyte	0.014						0.014	0.3	48	41	
MAT-08-6A	560979	591.00	592.50	1.50	Syenite or trachyte	0.016						0.016	-0.2	10	40	
MAT-08-6A	560980	st-15			standard-15	0.992						0.992	0.2	55	73	
MAT-08-6A	560981	592.50	594.00	1.50	Syenite or trachyte	0.034						0.034	-0.2	22	51	
MAT-08-6A	560982	594.00	595.50	1.50	Syenite or trachyte	0.01						0.01	-0.2	31	31	
MAT-08-6A	560983	595.50	597.00	1.50	Syenite or trachyte	0.01						0.01	-0.2	32	33	
MAT-08-6A	560984	597.00	598.50	1.50	Syenite or trachyte	0.007						0.007	-0.2	39	32	
MAT-08-6A	560985	598.50	600.00	1.50	Syenite or trachyte	0.008						0.008	-0.2	38	34	
MAT-08-6A	560986	600.00	601.50	1.50	Syenite or trachyte	0.011						0.011	-0.2	45	36	
MAT-08-6A	560987	600.00	601.50	1.50	Syenite or trachyte	0.01						0.01	-0.2	55	35	
MAT-08-6A	560988	601.50	603.00	1.50	Syenite or trachyte	0.007						0.007	-0.2	48	43	
MAT-08-6A	560989	603.00	604.50	1.50	Syenite or trachyte	-0.005						0.002	-0.2	23	44	
MAT-08-6A	560990	604.50	606.00	1.50	Syenite or trachyte	0.005						0.005	-0.2	50	48	
MAT-08-6A	560991	606.00	607.50	1.50	Syenite or trachyte	0.009						0.009	-0.2	43	45	
MAT-08-6A	560992	607.50	609.00	1.50	Syenite or trachyte	0.011						0.011	-0.2	14	41	
MAT-08-6A	560993	609.50	610.50	1.00	Syenite or trachyte	0.014						0.014	-0.2	24	44	
MAT-08-6A	560994	610.50	612.00	1.50	Syenite or trachyte	0.018						0.018	-0.2	20	43	
MAT-08-6A	560995	612.00	613.50	1.50	Syenite or trachyte	0.006						0.006	-0.2	24	49	
MAT-08-6A	560996	613.50	615.00	1.50	Syenite or trachyte	0.005						0.005	-0.2	23	49	
MAT-08-6A	560997	615.00	616.50	1.50	Syenite or trachyte	0.011						0.011	-0.2	31	55	
MAT-08-6A	560998	616.50	618.00	1.50	Syenite or trachyte	-0.005						0.002	-0.2	61	52	
MAT-08-6A	560999	blank			blank	-0.005						0.002	-0.2	3	47	
MAT-08-6A	561000	st-10			standard -10	6.59						6.59	0.9	116	90	
MAT-08-6A	590651	618.00	619.50	1.50	Gabbro	0.018						0.018	-0.2	18	80	
MAT-08-6A	590652	619.50	621.00	1.50	Syenite or trachyte	0.008						0.008	-0.2	23	60	
MAT-08-6A	590653	621.00	622.50	1.50	Syenite or trachyte	0.006						0.006	-0.2	34	62	
MAT-08-6A	590654	622.50	624.00	1.50	Syenite or trachyte	-0.005						0.002	-0.2	36	75	
MAT-08-6A	590655	624.00	625.50	1.50	Syenite or trachyte	-0.005						0.002	-0.2	38	84	
MAT-08-6A	590656	625.50	627.00	1.50	Syenite or trachyte	0.014						0.014	-0.2	56	93	
MAT-08-6A	590657	627.00	628.50	1.50	Monzonite (or trachyte) and vein	0.016						0.016	-0.2	58	96	
MAT-08-6A	590658	628.50	630.00	1.50	Syenite or trachyte	0.031						0.031	0.4	63	105	
MAT-08-6A	590659	630.00	631.50	1.50	Syenite or trachyte	0.005						0.005	-0.2	45	88	
MAT-08-6A	590660	st-15			standard-15	1.025						1.025	-0.2	57	70	
MAT-08-6A	590661	631.50	633.00	1.50	Syenite or trachyte	0.049						0.049	-0.2	29	89	
MAT-08-6A	590662	633.00	634.50	1.50	Trachyte or syenite Monzonite (or trachyte) and vein	-0.005						0.002	-0.2	26	63	
MAT-08-6A	590663	634.50	636.00	1.50	Syenite or trachyte	-0.005						0.002	-0.2	26	79	
MAT-08-6A	590664	blank			blank	-0.005						0.002	-0.2	38	43	
MAT-08-6A	590665	636.00	637.50	1.50	Syenite or trachyte	0.009						0.009	-0.2	42	94	
MAT-08-6A	590666	637.50	639.00	1.50	Syenite or trachyte	-0.005						0.002	-0.2	21	109	
MAT-08-6A	590667	639.00	640.50	1.50	Monzonite (or trachyte) and vein	0.006						0.006	-0.2	70	106	
MAT-08-6A	590668	639.00	640.50	1.50	Syenite or trachyte	0.009						0.009	-0.2	115	100	
MAT-08-6A	590669	640.50	642.00	1.50	Syenite or trachyte	0.007						0.007	-0.2	38	149	
MAT-08-6A	590670	642.00	643.50	1.50	Syenite or trachyte	0.009						0.009	-0.2	26	81	
MAT-08-6A	590671	643.50	648.00	1.50	Syenite or trachyte	0.01						0.01	-0.2	56	64	
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Hole ID	De m	A m	Actual Drilled m	Recovery Recupera cion	RQD Measured	Num Fracture
MAT-08-6A	0	22.6	22.60			casing
MAT-08-6A	22.6	24	1.40	100	1.34	96
MAT-08-6A	24	27	3	100	2.74	91
MAT-08-6A	27	30	3	100	2.70	90
MAT-08-6A	30	33	3	100	2.74	91
MAT-08-6A	33	36	3	100	2.54	85
MAT-08-6A	36	39	3	100	2.61	87
MAT-08-6A	39	42	3	100	1.20	40
MAT-08-6A	42	45	3	100	2.03	68
MAT-08-6A	45	48	3	100	2.62	87
MAT-08-6A	48	51	3	100	2.43	81
MAT-08-6A	51	54	3	100	2.52	84
MAT-08-6A	54	57	3	100	2.58	86
MAT-08-6A	57	60	3	100	2.64	88
MAT-08-6A	60	63	3	100	2.87	96
MAT-08-6A	63	66	3	100	2.50	83
MAT-08-6A	66	69	3	100	2.70	90
MAT-08-6A	69	72	3	100	2.47	82
MAT-08-6A	72	75	3	100	2.57	86
MAT-08-6A	75	78	3	100	2.58	86
MAT-08-6A	78	81	3	100	2.10	70
MAT-08-6A	81	84	3	100	2.92	97
MAT-08-6A	84	87	3	100	2.20	73
MAT-08-6A	87	90	3	100	2.15	72
MAT-08-6A	90	93	3	100	2.51	84
MAT-08-6A	93	96	3	100	2.55	85
MAT-08-6A	96	99	3	100	2.88	96
MAT-08-6A	99	102	3	100	2.81	94
MAT-08-6A	102	105	3	100	1.80	60
MAT-08-6A	105	108	3	100	1.70	57
MAT-08-6A	108	111	3	100	0.50	17
MAT-08-6A	111	114	3	100	0.77	26
MAT-08-6A	114	117	3	100	0.53	18
MAT-08-6A	117	120	3	100	2.05	68
MAT-08-6A	120	123	3	100	2.79	93
MAT-08-6A	123	126	3	100	2.80	93

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- cion	RQD Measured	Num Fracture
MAT-08-6A	126	129	3	100	2.92	97
MAT-08-6A	129	132	3	100	2.77	92
MAT-08-6A	132	135	3	100	2.74	91
MAT-08-6A	135	138	3	100	2.90	97
MAT-08-6A	138	141	3	100	2.79	93
MAT-08-6A	141	144	3	100	3.05	102
MAT-08-6A	144	147	3	100	2.98	99
MAT-08-6A	147	150	3	100	3.03	101
MAT-08-6A	150	153	3	100	2.89	96
MAT-08-6A	153	156	3	100	2.94	98
MAT-08-6A	156	159	3	100	3.04	101
MAT-08-6A	159	162	3	100	2.71	90
MAT-08-6A	162	165	3	100	2.88	95
MAT-08-6A	165	168	3	100	3.05	102
MAT-08-6A	168	171	3	100	2.94	98
MAT-08-6A	171	174	3	100	2.48	83
MAT-08-6A	174	177	3	100	2.72	91
MAT-08-6A	177	180	3	100	2.72	91
MAT-08-6A	180	183	3	100	2.87	96
MAT-08-6A	183	186	3	100	2.80	93
MAT-08-6A	186	189	3	100	3.00	100
MAT-08-6A	189	192	3	100	2.88	96
MAT-08-6A	192	195	3	100	2.93	98
MAT-08-6A	195	198	3	100	2.83	94
MAT-08-6A	198	201	3	100	2.92	97
MAT-08-6A	201	204	3	100	2.75	92
MAT-08-6A	204	207	3	100	1.65	55
MAT-08-6A	207	210	3	100	2.65	88
MAT-08-6A	210	213	3	100	2.66	89
MAT-08-6A	213	216	3	100	2.82	94
MAT-08-6A	216	219	3	100	2.94	98
MAT-08-6A	219	222	3	100	2.74	91
MAT-08-6A	222	225	3	100	2.94	98
MAT-08-6A	225	228	3	100	3.00	100
MAT-08-6A	228	231	3	100	2.98	99
MAT-08-6A	231	234	3	100	3.02	101

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- tion	RQD Measured	Num Fracture
MAT-08-6A	234	237	3	100	2.71	90
MAT-08-6A	237	240	3	100	2.59	86
MAT-08-6A	240	243	3	100	2.81	94
MAT-08-6A	243	248	3	100	2.76	92
MAT-08-6A	246	249	3	100	2.82	94
MAT-08-6A	249	252	3	100	2.82	94
MAT-08-6A	252	255	3	100	2.46	82
MAT-08-6A	255	258	3	100	2.90	97
MAT-08-6A	258	261	3	100	2.91	97
MAT-08-6A	261	264	3	100	2.77	92
MAT-08-6A	264	267	3	100	2.87	96
MAT-08-6A	267	270	3	100	1.90	63
MAT-08-6A	270	273	3	100	1.33	44
MAT-08-6A	273	276	3	100	1.88	63
MAT-08-6A	276	279	3	100	1.80	60
MAT-08-6A	279	282	3	100	1.95	65
MAT-08-6A	282	285	3	100	1.96	65
MAT-08-6A	285	288	3	100	2.10	70
MAT-08-6A	288	291	3	100	1.88	63
MAT-08-6A	291	294	3	100	2.12	71
MAT-08-6A	294	297	3	100	1.95	65
MAT-08-6A	297	300	3	100	2.84	95
MAT-08-6A	300	303	3	100	2.92	97
MAT-08-6A	303	306	3	100	1.86	62
MAT-08-6A	306	309	3	100	0.87	29
MAT-08-6A	309	312	3	100	0.90	30
MAT-08-6A	312	315	3	100	1.86	65
MAT-08-6A	315	318	3	100	2.16	72
MAT-08-6A	318	321	3	100	2.24	75
MAT-08-6A	321	324	3	100	2.54	85
MAT-08-6A	324	327	3	100	2.74	91
MAT-08-6A	327	330	3	100	2.25	75
MAT-08-6A	330	333	3	100	1.41	47
MAT-08-6A	333	336	3	100	0.93	31
MAT-08-6A	336	339	3	100	2.10	70
MAT-08-6A	339	342	3	100	2.80	93
MAT-08-6A	342	345	3	100	2.30	77
MAT-08-6A	345	348	3	100	2.98	99
MAT-08-6A	348	351	3	100	2.93	98
MAT-08-6A	351	354	3	100	2.76	92
MAT-08-6A	354	357	3	100	3.00	100
MAT-08-6A	357	360	3	100	2.91	97
MAT-08-6A	360	363	3	100	3.02	101

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera cion	RQD Measured	Num Fracture
MAT-08-6A	363	366	3	100	1.66	55
MAT-08-6A	366	369	3	100	2.89	96
MAT-08-6A	369	372	3	100	2.81	94
MAT-08-6A	372	375	3	100	2.73	91
MAT-08-6A	375	378	3	100	2.60	87
MAT-08-6A	378	381	3	100	2.88	96
MAT-08-6A	381	384	3	100	2.75	92
MAT-08-6A	384	387	3	100	2.85	95
MAT-08-6A	387	390	3	100	2.54	85
MAT-08-6A	390	393	3	100	2.91	97
MAT-08-6A	393	396	3	100	2.77	92
MAT-08-6A	396	399	3	100	2.75	92
MAT-08-6A	399	402	3	100	2.23	74
MAT-08-6A	402	405	3	100	2.70	90
MAT-08-6A	405	408	3	100	2.50	83
MAT-08-6A	408	411	3	100	2.66	89
MAT-08-6A	411	414	3	100	2.70	90
MAT-08-6A	414	417	3	100	2.77	92
MAT-08-6A	417	420	3	100	2.11	70
MAT-08-6A	420	423	3	100	2.63	88
MAT-08-6A	423	426	3	100	2.66	89
MAT-08-6A	426	429	3	100	2.73	91
MAT-08-6A	429	432	3	100	2.30	77
MAT-08-6A	432	435	3	100	1.76	59
MAT-08-6A	435	438	3	100	0.97	32
MAT-08-6A	438	441	3	100	1.12	37
MAT-08-6A	441	444	3	100	2.40	80
MAT-08-6A	444	447	3	100	2.25	75
MAT-08-6A	447	450	3	100	2.98	99
MAT-08-6A	450	453	3	100	1.82	61
MAT-08-6A	453	456	3	100	2.15	72
MAT-08-6A	456	459	3	100	3.00	100
MAT-08-6A	459	462	3	100	2.93	98
MAT-08-6A	462	465	3	100	3.00	100
MAT-08-6A	465	468	3	100	1.71	57
MAT-08-6A	468	471	3	100	2.00	67
MAT-08-6A	471	474	3	100	2.34	78
MAT-08-6A	474	477	3	100	2.35	78
MAT-08-6A	477	480	3	100	2.86	95
MAT-08-6A	480	483	3	100	2.95	98
MAT-08-6A	483	486	3	100	2.97	99
MAT-08-6A	486	489	3	100	2.82	94
MAT-08-6A	489	492	3	100	3.00	100
MAT-08-6A	492	495	3	100	3.00	100
MAT-08-6A	495	498	3	100	2.90	97
MAT-08-6A	498	501	3	100	1.85	65
MAT-08-6A	501	504	3	100	2.24	75
MAT-08-6A	504	507	3	100	2.84	95
MAT-08-6A	507	510	3	100	2.82	94
MAT-08-6A	510	513	3	100	2.88	96
MAT-08-6A	513	516	3	100	2.84	95
MAT-08-6A	516	519	3	100	2.88	96
MAT-08-6A	519	522	3	100	2.48	83

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- tion	RQD Measured	Num Fracture
MAT-08-6A	522	525	3	100	0.86	29
MAT-08-6A	525	528	3	100	2.03	68
MAT-08-6A	528	531	3	100	2.43	81
MAT-08-6A	531	534	3	100	2.56	85
MAT-08-6A	534	537	3	100	2.92	97
MAT-08-6A	537	540	3	100	1.04	35
MAT-08-6A	540	543	3	100	3.00	100
MAT-08-6A	543	546	3	100	1.40	47
MAT-08-6A	546	549	3	100	2.85	95
MAT-08-6A	549	552	3	100	2.14	71
MAT-08-6A	552	555	3	100	2.75	92
MAT-08-6A	555	558	3	100	1.55	52
MAT-08-6A	558	561	3	100	2.82	94
MAT-08-6A	561	564	3	100	2.95	98
MAT-08-6A	564	567	3	100	1.59	53
MAT-08-6A	567	570	3	100	1.65	55
MAT-08-6A	570	573	3	100	1.32	44
MAT-08-6A	573	576	3	100	2.48	83
MAT-08-6A	576	579	3	100	2.65	88
MAT-08-6A	579	582	3	100	2.70	90
MAT-08-6A	582	585	3	100	2.60	87
MAT-08-6A	585	588	3	100	2.85	95
MAT-08-6A	588	591	3	100	2.70	90
MAT-08-6A	591	594	3	100	2.90	97
MAT-08-6A	594	597	3	100	2.94	98
MAT-08-6A	597	600	3	100	3.02	101
MAT-08-6A	600	603	3	100	2.70	90
MAT-08-6A	603	606	3	100	2.72	91
MAT-08-6A	606	609	3	100	2.70	90
MAT-08-6A	609	612	3	100	1.93	64
MAT-08-6A	612	615	3	100	2.97	99
MAT-08-6A	615	618	3	100	2.52	84
MAT-08-6A	618	621	3	100	2.93	98
MAT-08-6A	621	624	3	100	2.10	70
MAT-08-6A	624	627	3	100	2.74	91
MAT-08-6A	627	630	3	100	3.00	100
MAT-08-6A	630	633	3	100	2.87	96
MAT-08-6A	633	636	3	100	2.88	96
MAT-08-6A	636	639	3	100	2.95	98
MAT-08-6A	639	642	3	100	2.70	90
MAT-08-6A	642	645	3	100	2.62	87
MAT-08-6A	645	648	3	100	2.92	97

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Hole ID	UTM-East	UTM-North	Local E	Local N	Elevation	Length m
MAT-08-8	530903	5312016.5	5100	0	330	412.6

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Hole ID	From(m)	Azimuth	Dip	Magnetics	Grav
MAT-08-8	0	335	-50		
MAT-08-8	20	334.9	-49.4		
MAT-08-8	50	335.7	-48.8		
MAT-08-8	80	334.7	-48.4		
MAT-08-8	110	334.3	-48.1		
MAT-08-8	140	333	-46.3		
MAT-08-8	170	331.5	-44.8		
MAT-08-8	200	331.3	-43.6		
MAT-08-8	230	332.9	-42.5		
MAT-08-8	260	334.9	-41.6		
MAT-08-8	290	335	-40.7		
MAT-08-8	332	335.5	-39.8		
MAT-08-8	362	335.8	-38.6		
MAT-08-8	401	340.9	-37.5		

NTS: 41P/15		Coordinates: 530903 5312016.5		Dip Tests		Dip		Hole No.: MAT-08-8	
Collar Elevation: 330		Core Size:		Type: NQ		Depth (m)		Sheet No.: 1186190	
Dip at Collar: -50		Horizontal Project:						Date: May 21 / 2009	
Bearing: 335		Vertical Project:						Contractor: Forage Mercier	
Total Length: 412.97								Logged by: R.Sanfacon/E.Canova	

Drill Hole	Depth		Lithology Code	Lithology	Unit	Color	Grano metria Grain Size	Min 1	Min 2	Text	Structure	Struct Int 1-3	Struc CA	Mag 0-4	Grph 0/1	Type Vein	Vn %	Intensidad Alteracion / Alter. Strg											Sulfides %						Comentario		
	Fm (m)	To (m)																Si	Ca	Ank	Epi	Cl	Lx	KFld Alb	Ser	Blo	Hem Mg	Ox	Tour	Talc	Fuch	Leac	Po	Sph		Cpy	Ga
MAT-08-8	12.80	19.30	V3B		Basalt	grey-green fi					MA; BR				CB-C	4		1	1																	0.3	Basalt; grey-green; partly massive; partly brecciated; fine grains; weak alterations of carbonate and chlorite. The unit contains 4% of carbonate-chlorite veinlets and 0.3% of fine pyrite. Strong magnetism-magnetite.
MAT-08-8	19.30	19.75	I2F		Monzonite	red-grey co		PLG	CL-HE	(PO)	MA; BR				CB-C	3		1	1																0.3	Monzonite; red-grey; partly massive and partly brecciated; coarse grains with local porphyres of feldspath; strong alteration of hematite; weak alterations of quartz; carbonate and chlorite. The unit contains 3% of carbonate-chlorite veinlets and 0.3 % of pyrite.	
MAT-08-8	19.75	28.00	V3B		Basalt	grey-green fi					MA; BR				CB-C	10		1	1																0.3	Basalt; grey-green; partly massive; partly brecciated; fine grains; weak alterations of carbonate and chlorite. The unit contains 10% of carbonate-chlorite veinlets and 0.3% of pyrite. The veinlets generate a brecciation. Strong magnetism-magnetite.	
MAT-08-8	28.00	29.1	M8 (V3B)		Sheared basalt	grey-green fi					FO				CB-C	8		1	1																	0.3	Sheared basalt; grey-green; foliated; fine grains; weak alterations of
MAT-08-8	29.10	30.8	M24-M8 (T1C-V4?)		Cataclasite; Gauge; schist; possibly ultramafite	green fi					BR; MUD				CB-C	3		2	3																0.2	Cataclasite- gauge-schist; could be chloritic ultramafite; green;	
MAT-08-8	30.80	32.7	V3B		Basalt	grey-green fi					BR				CB-C	5		1	2																1	Basalt; grey-green; brecciated; fine grains; moderate alteration of	
MAT-08-8	32.70	33.5	M24(T1C - V3B?)		Gauge (basalt?)	grey-green fi					MUD; BR		60		CB-C	1		2	3																0.3	Gauge; could be basalt or ultramafite; grey-green; brecciated; fine	
MAT-08-8	33.50	37.2	M24 (V3B)		Cataclasite-basalt	grey-green fi					BR				CB-C	4																			0.5	Cataclasite-basalt; grey-green; brecciated; fine grains. The unit contains 4% of carbonate-quartz veinlets and 0.5% of pyrite.	
MAT-08-8	37.20	41	V3B (or V3A?)		Altered Basalt	yellow-green to green			EP		BR; MA		50		CB-C	2		2	2	2															0.4	Altered basalt; yellow-green to green; partly brecciated; partly massive; moderate alterations of carbonate; epidote and chlorite and weak alteration of hematite. The unit contains 2% of carbonate-quartz veinlets and 0.4 % of pyrite.	
MAT-08-8	41.00	43.5	V3B-M8		Shistose basalt	green		CL; PLG			MA; FO; BR		45		CB-C	4		2	1	2																0.3	Shistose basalt; green; less altered; partly massive; partly foliated; partly brecciated; moderate alterations of carbonate and of chlorite; weak alteration of epidote. The unit contains 4% of carbonate-quartz veinlets and 0.3% of pyrite.
MAT-08-8	43.50	45.5	M8 (V3B or V3A?)		Sheared altered basalt or andesitic basalt	yellow-green to green		CL; PLG			MA; FO; BR; CS				CB-C	2		2	2	2																0.2	Altered Basalt; yellow-green to green; partly sheared; partly massive; partly foliated; partly brecciated; moderate alterations of carbonate; epidote and chlorite and weak alteration of hematite. The unit contains 2% of carbonate-quartz veinlets and 0.2% of pyrite.
MAT-08-8	45.50	46.5	M25- M8 (V4?)		Sheared ultramafite (?)	green		CL; CB			FO (MA; BR)		53		CB-C	8		2	3																	0.3	Sheared ultramafite(?); green; partly foliated; partly massive and partly brecciated. Could be also a chloritic basalt; strong alteration of chlorite and moderate alteration of carbonate. The unit contains 8% of carbonate-quartz veinlets and 0.3% of pyrite.
MAT-08-8	48.50	49	I2F		Monzonite	red-grey		CL; PLG			MA; FO; BR				CB	1		1	1	1																0.4	Monzonite; red-grey; partly massive; partly foliated and partly brecciated; very fine pyrite; moderate alteration of hematite; weak alterations of carbonate; epidote and chlorite. The unit contains 1% of carbonate veinlets and 0.4% of pyrite.
MAT-08-8	49.00	53.3	M25-M8 (V4)		Sheared ultramafite	green		CL; CB			FO (MA; BR)		57		CB	6		2	3																	0.1	Sheared ultramafite; green; foliated; partly massive and brocciated; strong alteration of chlorite and moderate alteration of carbonate. The unit contains 6% of carbonate veinlets and 0.1% of pyrite.
MAT-08-8	53.30	54.8	M25-M8 (V3B)		Sheared basalt	gray-green		CL			FO (MA; BR)		38		CB	2		2	1	2																0.1	Sheared basalt; grey-green; foliated; partly massive; partly brecciated; moderate alterations of chlorite and carbonate; weak alteration of epidote. The unit contains 2% of carbonate veinlets and 0.1% of
MAT-08-8	54.60	55.2	M8 (V4)		Sheared ultramafite	green		CL			FO (MA; BR)				CB	6		2	3																	0.1	Sheared ultramafite; green; foliated; partly massive; partly brecciated; strong alteration of chlorite and moderate alteration of carbonate. The unit contains 6% of carbonate veinlets and 0.1% of pyrite.
MAT-08-8	55.20	59	V3B-M8		Sheared basalt	grey-green fi		CL			MA; FO; BR				CB	2		1	1																	0.1	Sheared basalt; grey-green; partly massive; partly foliated; partly brecciated; fine grains; weak alterations of carbonate and of chlorite; the unit contains 2% of carbonate veinlets and 0.1% of pyrite.
MAT-08-8	59	61.5	V3B or V3A		Altered Basalt or altered basalt	pinkish grey fi		CL			BR				CB-C	4		2	1	2																0.4	Altered basalt; pinkish green; brecciated; fine grains; moderate alterations of carbonate and chlorite; weak alterations of hematite and epidote. The unit contains 4% of carbonate-chlorite-hematite-quartz veinlets and 0.4% of pyrite.
MAT-08-8	61.5	65.2	M25-M8 (V4)		Sheared ultramafite	green		CL			FO		63		CB-C	6		2	3																	0.2	Sheared ultramafite; green; foliated; strong alteration of chlorite; moderate alteration of carbonate. The unit contains 6% of carbonate-chlorite veinlets and 0.2% of pyrite.
MAT-08-8	65.2	65.63	V3B		Basalt	grey-green fi		CL			MA; FR				CB	1		1	2																	2	Modification of chlorite; weak alteration of carbonate. The unit contains 1% of carbonate veinlets and 2.0% of diss. and stringers of pyrite.
MAT-08-8	65.83	66.7	M25-M8 (V4)		Mylonite (Ultramafite)	green fi		CL			FO				CB-C	5		2	3																	0.2	Mylonite (possibly ultramafite); green; foliated; fine grains; strong modification of chlorite; moderate alteration of carbonite. It could be sheared chloritized basalt or sheared chloritic vein. The unit contains 5% of carbonate-chlorite veinlets and 0.2 % of pyrite.
MAT-08-8	66.7	67.1	QZ-CB-CI VN		Quartz-carbonate-chlorite vein	grey-white co					MA; FR		65		CB	80																			0.2	Quartz-carbonate-chlorite vein; grey-white; partly massive; partly fractured; coarse grains. The unit contains 90% of carbonate veinlets and 0.2 % of pyrite.	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU PPM	Au Pyro Grav 1	Au Pyro Grav 2	Au g/t Msieve	Au AuGrav Pulpe	Au AuGrav Reject	Au Avg g/t	AG PPM	CU PPM	ZN PPM	Pb
MAT-08-8	590907	18.50	20.00	1.50	Basalt - Monzonite	-0.01						-0.005	-0.2	38	135	
MAT-08-8	590908	blank			Blank	-0.01							-0.2	1	53	
MAT-08-8	590909	26.00	27.50	1.50	Basalt	-0.01						-0.005	-0.2	49	94	
MAT-08-8	590910	30.50	32.00	1.50	Basalt - cataclasite - Mylonite (Gauge ultramafite?)	0.01						0.01	-0.2	9	103	
MAT-08-8	590911	32.00	33.50	1.50	cataclasite (Gauge - basalt ?)	0.007						0.007	-0.2	15	132	
MAT-08-8	590912	33.50	35.00	1.50	Cataclasite - basalt	0.01						0.01	-0.2	13	120	
MAT-08-8	590913	33.50	35.00	1.50	Duplicata	0.01							-0.2	11	124	
MAT-08-8	590914	38.00	39.50	1.50	Altered basalt or andesitic basalt	-0.01						-0.005	-0.2	3	66	
MAT-08-8	590915	44.00	45.50	1.50	Sheared altered basalt or andesitic basalt	-0.01						-0.005	-0.2	5	79	
MAT-08-8	590916	47.00	48.50	1.50	Mylonite - Sheared ultramafite ?	0.006						0.006	-0.2	27	162	
MAT-08-8	590917	48.50	50.00	1.50	Mylonite - Sheared ultramafite ?	0.008						0.008	-0.2	54	115	
MAT-08-8	590918	59.00	60.50	1.50	Altered basalt or andesitic basalt	0.008						0.008	-0.2	18	103	
MAT-08-8	590919	60.50	62.00	1.50	Altered Basalt - mylonite (ultramafite)	0.006						0.006	-0.2	70	142	
MAT-08-8	590920	st-15			Standard 15	0.957							-0.2	55	76	
MAT-08-8	590921	65.00	66.50	1.50	Altered Basalt - mylonite (ultramafite)	0.014						0.014	-0.2	532	131	
MAT-08-8	590922	66.50	68.00	1.50	Quartz vein - basalt - ultramafite (mylonite)	0.013						0.013	-0.2	9	111	
MAT-08-8	590923	69.50	71.00	1.50	Basalt-mylonite-cataclasite	0.005						0.005	-0.2	93	100	
MAT-08-8	590924	71.00	72.50	1.50	Sheared basalt -vein	0.005						0.005	-0.2	19	62	
MAT-08-8	590925	72.50	74.00	1.50	Basalt - cataclasite (Gauge)	0.015						0.015	0.2	6	95	
MAT-08-8	590926	74.00	75.50	1.50	Basalt - cataclasite (Gauge)	0.009						0.009	-0.2	4	85	
MAT-08-8	590927	75.50	77.00	1.50	Altered basalt or andesitic basalt	0.013						0.013	-0.2	4	97	
MAT-08-8	590928	75.50	77.00	1.50	Duplicata	0.016							0.3	4	101	
MAT-08-8	590929	77.00	78.50	1.50	Alt. Basalt - Monzonite	0.028						0.028	-0.2	26	55	
MAT-08-8	590930	78.50	80.00	1.50	Monzonite	0.067						0.067	-0.2	5	60	
MAT-08-8	590931	80.00	81.50	1.50	Monzonite	0.017						0.017	-0.2	16	52	
MAT-08-8	590932	81.50	83.00	1.50	Monzonite	0.007						0.007	0.3	7	71	
MAT-08-8	590933	blank			blank	-0.01							-0.2	-1	40	
MAT-08-8	590934	83.00	84.50	1.50	Monzonite	0.007						0.007	-0.2	4	87	
MAT-08-8	590935	84.50	86.00	1.50	Sheared monzonite	0.005						0.005	-0.2	8	48	
MAT-08-8	590936	86.00	87.50	1.50	Sheared monzonite	0.01						0.01	-0.2	8	45	
MAT-08-8	590937	87.50	89.00	1.50	Sheared monzonite and gabbro	0.007						0.007	-0.2	9	68	
MAT-08-8	590938	89.00	90.50	1.50	Sheared monzonite	0.015						0.015	-0.2	4	67	
MAT-08-8	590939	90.50	92.00	1.50	Sheared monzonite	0.087						0.087	-0.2	9	90	
MAT-08-8	590940	st-54			Standard 54	2.81	2.9						4.4	15600	111	
MAT-08-8	590941	92.00	93.50	1.50	Sheared monzonite (gabbro)	0.154						0.154	-0.2	21	109	
MAT-08-8	590942	93.50	95.00	1.50	Gabbro	-0.01						-0.005	0.2	9	165	
MAT-08-8	590943	93.50	95.00	1.50	Duplicata	-0.01							-0.2	9	163	
MAT-08-8	590944	96.50	98.00	1.50	Sheared monzonite-ultramafite - gabbro	0.095						0.095	-0.2	7	186	
MAT-08-8	590945	101.00	102.50	1.50	mylonite V47)-cataclasite (gauge)-I2J	0.13						0.13	-0.2	6	84	
MAT-08-8	590946	108.50	110.00	1.50	Mylonitised ultramafite	-0.01						-0.005	-0.2	52	57	
MAT-08-8	590947	116.00	117.50	1.50	Mylonitised ultramafite	0.009						0.009	0.2	83	65	
MAT-08-8	590948	blank			Blank	-0.01							0.3	1	44	
MAT-08-8	590949	117.50	119.00	1.50	Mylonitised ultramafite	0.01						0.01	0.7	39	60	
MAT-08-8	590950	123.40	124.90	1.50	Peridotite or gabbro	-0.01						-0.005	-0.2	18	81	
MAT-08-8	590951	129.50	131.00	1.50	Sheared ultramafite	-0.01						-0.005	-0.2	58	51	
MAT-08-8	590952	131.00	132.50	1.50	Ultramafite	-0.01						-0.005	-0.2	51	58	
MAT-08-8	590953	153.50	155.00	1.50	Sheared ultramafite	0.013						0.013	-0.2	272	82	
MAT-08-8	590954	159.00	160.00	1.00	Gabbro (ultramafite)	0.008						0.008	0.2	70	78	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU PPM	Au Pyro Grav 1	Au Pyro Grav 2	Au g/t Msieve	Au AuGrav Pulpe	Au AuGrav Reject	Au Avg g/t	AG PPM	CU PPM	ZN PPM	Pb
MAT-08-8	590955	162.30	163.30	1.00	Sheared gabbro	0.018						0.018	0.2	344	71	
MAT-08-8	590956	blank			Blank	0.011							-0.2	92	63	
MAT-08-8	590957	165.50	167.00	1.50	Mylonitised ultramafite and gabbro -Quartz vein	-0.01						-0.005	0.2	2	39	
MAT-08-8	590958	173.00	174.50	1.50	Diorite	-0.01						-0.005	-0.2	41	95	
MAT-08-8	590959	174.50	175.10	0.60	Quartz vein and diorite	-0.01						-0.005	0.4	42	98	
MAT-08-8	590960	st-10			Standard-10	7.09	7.17						1.1	116	96	
MAT-08-8	590961	177.50	179.00	1.50	Mylonitised ultramafite and gabbro	0.011						0.011	-0.2	139	104	
MAT-08-8	590962	192.50	194.00	1.50	Sheared ultramafite	0.005						0.005	-0.2	44	61	
MAT-08-8	590963	200.00	201.50	1.50	Mylonitised and carbonated ultramafite	-0.01						-0.005	-0.2	50	48	
MAT-08-8	590964	201.50	203.00	1.50	Mylonitised and carbonated ultramafite	-0.01						-0.005	-0.2	113	80	
MAT-08-8	590965	203.00	204.50	1.50	Mylonitised and carbonated ultramafite	0.006						0.006	-0.2	39	58	
MAT-08-8	590966	204.50	206.00	1.50	Mylonitised and carbonated ultramafite	0.006						0.006	-0.2	50	83	
MAT-08-8	590967	204.50	206.00	1.50	Duplicata	0.005						0.005	-0.2	58	77	
MAT-08-8	590968	210.50	212.00	1.50	Ultramafite; graphitic and chloritic ultramafite-diorite-Mylonite	0.006						0.006	-0.2	99	131	
MAT-08-8	590969	212.00	213.50	1.50	Mylonitised and carbonated ultramafite	-0.01						-0.005	0.3	66	323	
MAT-08-8	590970	218.00	219.50	1.50	Monzodiorite (ultramafite)	0.006						0.006	-0.2	14	119	
MAT-08-8	590971	222.50	224.00	1.50	Monzodiorite	0.011						0.011	-0.2	3	84	
MAT-08-8	590972	224.00	225.50	1.50	Monzodiorite	0.005						0.005	0.4	13	78	
MAT-08-8	590973	227.00	228.50	1.50	Monzodiorite	-0.01						-0.005	-0.2	3	78	
MAT-08-8	590974	231.50	233.00	1.50	Mylonitised ultramafite -monzodiorite	0.006						0.006	-0.2	60	122	
MAT-08-8	590975	234.50	236.00	1.50	Monzodiorite	0.011						0.011	-0.2	31	87	
MAT-08-8	590976	237.50	239.00	1.50	Monzodiorite	-0.01						-0.005	-0.2	13	86	
MAT-08-8	590977	240.50	242.00	1.50	Schistose basalt	0.007						0.007	-0.2	7	149	
MAT-08-8	590978	243.50	245.00	1.50	Diorite or gabbro	0.006						0.006	-0.2	90	137	
MAT-08-8	590979	245.00	246.50	1.50	Mylonitised basalt	0.011						0.011	-0.2	19.00	99	
MAT-08-8	590980	st-15			Standard-15	1.015	1.04						0.2	56.00	70	
MAT-08-8	590981	248.00	249.50	1.50	Basalt	0.01						0.01	-0.2	15.00	103	
MAT-08-8	590982	249.50	251.00	1.50	Basalt -mylonitised ultramafite	0.012						0.012	-0.2	6.00	86	
MAT-08-8	590983	251.00	252.50	1.50	Basalt -mylonitised ultramafite	0.017						0.017	-0.2	17.00	96	
MAT-08-8	590984	254.00	255.50	1.50	Basalt	0.009						0.009	-0.2	77.00	124	
MAT-08-8	590985	255.50	257.00	1.50	Basalt -mylonitised ultramafite	0.019						0.019	-0.2	71.00	79	
MAT-08-8	590986	257.00	258.50	1.50	Sheared ultramafite ?	0.006						0.006	-0.2	41.00	100	
MAT-08-8	590987	258.50	260.00	1.50	Basalt -mylonitised ultramafite	0.02						0.02	-0.2	33.00	93	
MAT-08-8	590988	258.50	260.00	1.50	Duplicata	0.037							-0.2	56.00	97	
MAT-08-8	590989	260.00	261.50	1.50	Diorite - mylonitised basalt	0.155						0.155	-0.2	13.00	82	
MAT-08-8	590990	261.50	263.00	1.50	Mylonitised basalt	0.006						0.006	-0.2	35.00	95	
MAT-08-8	590991	263.00	264.50	1.50	Diorite - mylonitised basalt	0.027						0.027	-0.2	56.00	91	
MAT-08-8	590992	264.50	266.00	1.50	Mylonitised basalt and ultramafite	0.019						0.019	-0.2	38.00	100	
MAT-08-8	590993	blank			Blank	0.452							-0.2	30.00	60	
MAT-08-8	590994	266.00	267.50	1.50	Mylonitised basalt and ultramafite-diorite	0.04						0.04	-0.2	24.00	84	
MAT-08-8	590995	267.50	269.00	1.50	Mylonitised basalt -diorite	-0.01						-0.005	-0.2	13.00	68	
MAT-08-8	590996	269.00	270.50	1.50	Mylonitised basalt and ultramafite-diorite	0.012						0.012	-0.2	14.00	78	
MAT-08-8	590997	270.50	272.00	1.50	Monzodiorite	-0.01						-0.005	-0.2	29.00	73	
MAT-08-8	590998	272.00	275.00	3.00	Monzodiorite	-0.01						-0.005	-0.2	20.00	74	
MAT-08-8	590999	275.00	276.50	1.50	Monzodiorite	-0.01						-0.005	-0.2	10.00	82	
MAT-08-8	591000	st			Standard	7.09	7.55						1.1	116.00	92	
MAT-08-8	590001	278.00	279.50	1.50	Monzodiorite	0.006						0.006	-0.2	30.00	81	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU PPM	Au Pyro Grav 1	Au Pyro Grav 2	Au g/t Msieve	Au AuGrav Pulpe	Au AuGrav Reject	Au Avg g/t	AG PPM	CU PPM	ZN PPM	Pb
MAT-08-8	590002	278.00	279.50	1.50	Duplicata	-0.01						-0.005	-0.2	28.00	79	
MAT-08-8	590003	279.50	281.00	1.50	Monzodiorite	-0.01						-0.005	-0.2	35.00	91	
MAT-08-8	590004	281.00	282.50	1.50	Monzodiorite	0.005						0.005	-0.2	25.00	83	
MAT-08-8	590005	282.50	284.00	1.50	Monzodiorite	-0.01						-0.005	-0.2	4.00	116	
MAT-08-8	590006	284.00	285.50	1.50	Monzodiorite	-0.01						-0.005	-0.2	34.00	111	
MAT-08-8	590007	285.50	287.00	1.50	Mylonitised monzodiorite and gabbro	-0.01						-0.005	-0.2	60.00	156	
MAT-08-8	590008	287.00	288.50	1.50	Mylonitised monzodiorite and gabbro	-0.01						-0.005	-0.2	90.00	141	
MAT-08-8	590009	288.50	290.00	1.50	Gabbro	0.64						0.64	-0.2	14.00	57	
MAT-08-8	590010	blank			Blank	-0.01							-0.2	120.00	143	
MAT-08-8	590011	321.50	323.00	1.50	Gabbro- mylonitised ultramafite	0.009						0.009	-0.2	83.00	175	
MAT-08-8	590012	323.00	324.50	1.50	Mylonitised ultramafite?	-0.01						-0.005	-0.2	42.00	126	
MAT-08-8	590013	324.50	326.00	1.50	Gabbro	0.005						0.005	-0.2	31.00	75	
MAT-08-8	590014	326.00	327.50	1.50	Gabbro- mylonitised ultramafite	0.005						0.005	-0.2	20.00	84	
MAT-08-8	590015	327.50	329.00	1.50	Diorite- mylonitised ultramafite	0.01						0.01	0.3	11.00	152	
MAT-08-8	590016	329.00	330.50	1.50	Diorite	0.016						0.016	-0.2	12.00	131	
MAT-08-8	590017	330.50	332.00	1.50	Diorite	0.012						0.012	-0.2	9.00	125	
MAT-08-8	590018	332.00	333.50	1.50	Diorite-Basalt	0.009						0.009	-0.2	9.00	131	
MAT-08-8	590019	333.50	335.00	1.50	Basalt	0.009						0.009	-0.2	9.00	78	
MAT-08-8	590020	st-10			Standard-10	7	7.39						1.1	120.00	94	
MAT-08-8	590021	335.00	336.50	1.50	Basalt	0.011						0.011	-0.2	34.00	76	
MAT-08-8	590022	336.50	338.00	1.50	Diorite	0.008						0.008	-0.2	25	75	
MAT-08-8	590023	341.00	342.50	1.50	Diorite	0.017						0.017	0.2	8	135	
MAT-08-8	590024	345.50	347.00	1.50	Mylonitised basalt	0.013						0.013	0.2	22	107	
MAT-08-8	590025	350.00	351.50	1.50	Mylonitised basalt	0.011						0.011	0.2	32	97	
MAT-08-8	590026	350.00	351.50	1.50	Duplicata	0.026						0.026	0.2	125	99	
MAT-08-8	590027	353.00	354.50	1.50	Mylonitised basalt	0.007						0.007	0.2	23	108	
MAT-08-8	590028	356.00	357.50	1.50	Mylonitised basalt	0.018						0.018	-0.2	7	102	
MAT-08-8	590029	357.50	359.00	1.50	Mylonitised basalt	0.022						0.022	0.2	10	113	
MAT-08-8	590030	blank			Blank	0.005							0.2	24	80	
MAT-08-8	590031	362.00	363.50	1.50	Monzodiorite	-0.01						-0.005	-0.2	11	56	
MAT-08-8	590032	363.50	365.00	1.50	Monzodiorite	0.018						0.018	0.2	14	67	
MAT-08-8	590033	365.00	366.50	1.50	Monzodiorite	0.006						0.006	0.2	96	74	
MAT-08-8	590034	366.50	368.00	1.50	Monzodiorite	-0.01						-0.005	0.2	67	70	
MAT-08-8	590035	368.00	369.50	1.50	Monzodiorite	0.03						0.03	0.2	49	71	
MAT-08-8	590036	369.50	371.00	1.50	Monzodiorite	0.014						0.014	0.2	97	56	
MAT-08-8	590037	371.00	372.50	1.50	Monzodiorite	0.009						0.009	-0.2	220	46	
MAT-08-8	590038	372.50	374.00	1.50	Altered basalt or andesitic basalt (some monzodiorite)	-0.01						-0.005	-0.2	40	36	
MAT-08-8	590039	374.00	375.50	1.50	Altered basalt or andesitic basalt - tectonic breccia	0.015						0.015	0.2	9	26	
MAT-08-8	590040	st-15			Standard-15	1.035	NSS						0.3	53	73	
MAT-08-8	590041	375.50	377.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.012						0.012	0.2	11	17	
MAT-08-8	590042	377.00	378.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.014						0.014	0.3	11	63	
MAT-08-8	590043	378.50	380.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.009						0.009	0.2	27	46	
MAT-08-8	590044	380.00	381.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.008						0.008	-0.2	19	94	
MAT-08-8	590045	381.50	383.00	1.50	Altered basalt or andesitic basalt - tectonic breccia	0.007						0.007	-0.2	18	77	
MAT-08-8	590046	blank			Blank	0.01							0.2	54	66	
MAT-08-8	590047	383.00	384.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.005						0.005	0.3	80	68	
MAT-08-8	590048	384.50	386.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.009						0.009	-0.2	18	68	

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU	Au Pyro	Au Pyro	Au g/t	Au	Au	Au Avg	AG	CU	ZN	Pb
						PPM	Grav 1	Grav 2	Msieve	AuGrav Pulpe	AuGrav Reject	g/t	PPM	PPM	PPM	
MAT-08-8	590049	386.00	387.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.007						0.007	-0.2	18	72	
MAT-08-8	590050	387.50	389.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.011						0.011	-0.2	17	59	
MAT-08-8	590051	389.00	390.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.008						0.008	-0.2	112	72	
MAT-08-8	590052	389.00	390.50	1.50	Duplicata	0.008						0.008	-0.2	14	66	
MAT-08-8	590053	390.50	392.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.008						0.008	-0.2	36	68	
MAT-08-8	590054	392.00	393.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.014						0.014	-0.2	65	56	
MAT-08-8	590055	393.50	395.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.006						0.006	-0.2	38	39	
MAT-08-8	590056	395.00	396.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.032						0.032	-0.2	19	45	
MAT-08-8	590057	396.50	398.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.071						0.071	-0.2	74	73	
MAT-08-8	590058	398.00	399.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.01						0.01	-0.2	58	83	
MAT-08-8	590059	399.50	401.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.011						0.011	-0.2	53	68	
MAT-08-8	590060	st-54			Standard-54	2.98	2.9					5.1	15400	110		
MAT-08-8	590061	401.00	402.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.008						0.008	-0.2	59	63	
MAT-08-8	590062	402.50	404.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.008						0.008	-0.2	54	52	
MAT-08-8	590063	404.00	405.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.009						0.009	-0.2	34	64	
MAT-08-8	590064	405.50	407.00	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.009						0.009	-0.2	53	68	
MAT-08-8	590065	Blank			Blank	0.026							-0.2	10	149	
MAT-08-8	590066	407.00	408.50	1.50	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.009						0.009	-0.2	62	55	
MAT-08-8	590067	408.50	409.50	1.00	Tectonic (magmatic or hydrothermal) breccias (or conglomerate or volcaniclastites)	0.014						0.014	0.2	205	78	
MAT-08-8																
E.O.H																

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- cion	RQD Measured		Num Fracture
MAT-08-8	0.00	10.50	10.50				casing
MAT-08-8	10.50	14.00	3.50	100	1.18	34	
MAT-08-8	14.00	17.00	3.00	100	2.26	75	
MAT-08-8	17.00	20.00	3.00	100	1.53	51	
MAT-08-8	20.00	23.00	3.00	100	2.39	80	
MAT-08-8	23.00	26.00	3.00	100	2.65	88	
MAT-08-8	26.00	29.00	3.00	100	1.06	35	
MAT-08-8	29.00	32.00	3.00	100	0.50	17	
MAT-08-8	32.00	35.00	3.00	100	1.63	54	
MAT-08-8	35.00	38.00	3.00	100	1.80	60	
MAT-08-8	38.00	41.00	3.00	100	1.35	45	
MAT-08-8	41.00	44.00	3.00	100	1.74	58	
MAT-08-8	44.00	47.00	3.00	100	1.71	57	
MAT-08-8	47.00	50.00	3.00	100	1.15	38	
MAT-08-8	50.00	53.00	3.00	100	1.74	58	
MAT-08-8	53.00	56.00	3.00	100	2.05	68	
MAT-08-8	56.00	59.00	3.00	100	0.36	12	
MAT-08-8	59.00	62.00	3.00	100	1.88	63	
MAT-08-8	62.00	65.00	3.00	100	2.15	72	
MAT-08-8	65.00	68.00	3.00	100	2.45	82	
MAT-08-8	68.00	71.00	3.00	100	1.58	53	
MAT-08-8	71.00	74.00	3.00	100	1.25	42	
MAT-08-8	74.00	77.00	3.00	100	0.80	27	
MAT-08-8	77.00	80.00	3.00	100	2.10	70	
MAT-08-8	80.00	83.00	3.00	100	2.85	95	
MAT-08-8	83.00	86.00	3.00	100	2.70	90	
MAT-08-8	86.00	89.00	3.00	100	2.67	89	
MAT-08-8	89.00	92.00	3.00	100	2.40	80	
MAT-08-8	92.00	95.00	3.00	100	1.56	52	
MAT-08-8	95.00	98.00	3.00	100	1.72	57	
MAT-08-8	98.00	101.00	3.00	100	1.00	33	
MAT-08-8	101.00	104.00	3.00	100	2.50	83	
MAT-08-8	104.00	107.00	3.00	100	2.85	95	
MAT-08-8	107.00	110.00	3.00	100	2.08	69	
MAT-08-8	110.00	113.00	3.00	100	2.67	89	
MAT-08-8	113.00	116.00	3.00	100	2.50	83	
MAT-08-8	116.00	119.00	3.00	100	2.80	93	
MAT-08-8	119.00	122.00	3.00	100	2.08	69	
MAT-08-8	122.00	125.00	3.00	100	2.05	68	
MAT-08-8	125.00	128.00	3.00	100	1.64	55	
MAT-08-8	128.00	131.00	3.00	100	2.58	86	
MAT-08-8	131.00	134.00	3.00	100	2.47	82	
MAT-08-8	134.00	137.00	3.00	100	1.44	48	

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- cion	RQD Measured	Num Fracture
MAT-08-8	137.00	140.00	3.00	100	2.46	82
MAT-08-8	140.00	143.00	3.00	100	1.89	63
MAT-08-8	143.00	146.00	3.00	100	2.10	70
MAT-08-8	146.00	149.00	3.00	100	1.12	37
MAT-08-8	149.00	152.00	3.00	100	1.95	65
MAT-08-8	152.00	155.00	3.00	100	2.80	93
MAT-08-8	155.00	158.00	3.00	100	2.55	85
MAT-08-8	158.00	161.00	3.00	100	2.54	85
MAT-08-8	161.00	164.00	3.00	100	2.21	74
MAT-08-8	164.00	167.00	3.00	100	2.80	93
MAT-08-8	167.00	170.00	3.00	100	2.84	95
MAT-08-8	170.00	173.00	3.00	100	2.80	93
MAT-08-8	173.00	176.00	3.00	100	2.03	68
MAT-08-8	176.00	179.00	3.00	100	1.87	62
MAT-08-8	179.00	182.00	3.00	100	1.88	63
MAT-08-8	182.00	185.00	3.00	100	1.50	50
MAT-08-8	185.00	188.00	3.00	100	1.02	34
MAT-08-8	188.00	191.00	3.00	100	2.10	70
MAT-08-8	191.00	194.00	3.00	100	2.64	88
MAT-08-8	194.00	197.00	3.00	100	2.10	70
MAT-08-8	197.00	200.00	3.00	100	2.40	80
MAT-08-8	200.00	203.00	3.00	100	2.92	97
MAT-08-8	203.00	206.00	3.00	100	2.64	88
MAT-08-8	206.00	209.00	3.00	100	2.44	81
MAT-08-8	209.00	212.00	3.00	100	2.51	84
MAT-08-8	212.00	215.00	3.00	100	2.86	95
MAT-08-8	215.00	218.00	3.00	100	2.33	78
MAT-08-8	218.00	221.00	3.00	100	2.33	78
MAT-08-8	221.00	224.00	3.00	100	2.50	83
MAT-08-8	224.00	227.00	3.00	100	2.86	95
MAT-08-8	227.00	230.00	3.00	100	2.16	72
MAT-08-8	230.00	233.00	3.00	100	2.68	89
MAT-08-8	233.00	236.00	3.00	100	2.33	78
MAT-08-8	236.00	239.00	3.00	100	2.26	75
MAT-08-8	239.00	242.00	3.00	100	2.70	90
MAT-08-8	242.00	245.00	3.00	100	2.33	78
MAT-08-8	245.00	248.00	3.00	100	2.76	92
MAT-08-8	248.00	251.00	3.00	100	2.61	87
MAT-08-8	251.00	254.00	3.00	100	2.82	94
MAT-08-8	254.00	257.00	3.00	100	2.27	76
MAT-08-8	257.00	260.00	3.00	100	2.54	85
MAT-08-8	260.00	263.00	3.00	100	2.44	81
MAT-08-8	263.00	266.00	3.00	100	2.76	92

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- cion	RQD Measured	Num Fracture
MAT-08-8	266.00	269.00	3.00	100	2.54	85
MAT-08-8	269.00	272.00	3.00	100	2.60	87
MAT-08-8	272.00	275.00	3.00	100	2.89	96
MAT-08-8	275.00	278.00	3.00	100	2.39	80
MAT-08-8	278.00	281.00	3.00	100	2.13	71
MAT-08-8	281.00	284.00	3.00	100	2.83	94
MAT-08-8	284.00	287.00	3.00	100	2.67	89
MAT-08-8	287.00	290.00	3.00	100	2.40	80
MAT-08-8	290.00	293.00	3.00	100	2.73	91
MAT-08-8	293.00	296.00	3.00	100	2.76	92
MAT-08-8	296.00	299.00	3.00	100	1.97	66
MAT-08-8	299.00	302.00	3.00	100	2.28	76
MAT-08-8	302.00	305.00	3.00	100	2.96	99
MAT-08-8	305.00	308.00	3.00	100	2.83	94
MAT-08-8	308.00	311.00	3.00	100	2.80	93
MAT-08-8	311.00	314.00	3.00	100	2.67	89
MAT-08-8	314.00	317.00	3.00	100	2.48	83
MAT-08-8	317.00	320.00	3.00	100	2.04	68
MAT-08-8	320.00	323.00	3.00	100	1.69	56
MAT-08-8	323.00	326.00	3.00	100	2.57	86
MAT-08-8	326.00	329.00	3.00	100	2.03	68
MAT-08-8	329.00	332.00	3.00	100	1.00	33
MAT-08-8	332.00	335.00	3.00	100	1.95	65
MAT-08-8	335.00	338.00	3.00	100	2.60	87
MAT-08-8	338.00	341.00	3.00	100	2.05	68
MAT-08-8	341.00	344.00	3.00	100	1.53	51
MAT-08-8	344.00	347.00	3.00	100	1.80	60
MAT-08-8	347.00	350.00	3.00	100	2.42	81
MAT-08-8	350.00	353.00	3.00	100	2.43	81
MAT-08-8	353.00	356.00	3.00	100	1.31	44
MAT-08-8	356.00	359.00	3.00	100	0.60	20
MAT-08-8	359.00	362.00	3.00	100	1.23	41
MAT-08-8	362.00	365.00	3.00	100	2.95	98
MAT-08-8	365.00	368.00	3.00	100	2.97	99
MAT-08-8	368.00	371.00	3.00	100	2.82	94
MAT-08-8	371.00	374.00	3.00	100	2.95	98
MAT-08-8	374.00	377.00	3.00	100	2.60	87
MAT-08-8	377.00	380.00	3.00	100	2.83	94
MAT-08-8	380.00	383.00	3.00	100	2.08	69
MAT-08-8	383.00	386.00	3.00	100	1.83	61
MAT-08-8	386.00	389.00	3.00	100	1.56	52
MAT-08-8	389.00	392.00	3.00	100	2.07	69
MAT-08-8	392.00	395.00	3.00	100	2.47	82
MAT-08-8	395.00	398.00	3.00	100	2.20	73
MAT-08-8	398.00	401.00	3.00	100	2.30	77
MAT-08-8	401.00	404.00	3.00	100	2.65	88
MAT-08-8	404.00	407.00	3.00	100	2.92	97
MAT-08-8	407.00	410.00	3.00	100	1.72	57
MAT-08-8	410.00	413.00	3.00	100	1.63	54
MAT-08-8	413.00	416.00	3.00	100	2.50	83

E.O.H

Hole ID	UTM-East	UTM-North	Local E	Local N	Elevation	Length m
MAT-08-9	528359.2	5311572.7	2600	650	330	557

Hole ID	From(m)	Azimuth	Dip	Magnetics	Grav
MAT-08-9	0	335	-50		
MAT-08-9	15	338.8	-49.2		
MAT-08-9	18	338	-49.3		
MAT-08-9	45	338.1	-48.8		
MAT-08-9	48	339.8	-48.7		
MAT-08-9	75	341.7	-48.1		
MAT-08-9	78	341	-47.9		
MAT-08-9	108	343.3	-47.3		
MAT-08-9	125	344.3	-47.1		
MAT-08-9	138	345.6	-47		
MAT-08-9	168	347	-46.6		
MAT-08-9	175	346.6	-46.7		
MAT-08-9	198	347.7	-46		
MAT-08-9	225	349.1	-45.6		
MAT-08-9	228	348.7	-45.4		
MAT-08-9	258	350.7	-45		
MAT-08-9	275	350.6	-44.7		
MAT-08-9	288	351.9	-44.3		
MAT-08-9	318	352.4	-43.9		
MAT-08-9	325	352.4	-43.8		
MAT-08-9	348	351.3	-43.6		
MAT-08-9	375	355.4	-43.2		
MAT-08-9	378	355	-43.2		
MAT-08-9	425	356.5	-41.1		
MAT-08-9	438	348.3	-41.3		
MAT-08-9	468	356.9	-41.1		
MAT-08-9	475	357.2	-41.1		
MAT-08-9	498	358.3	-40.8		
MAT-08-9	525	359.5	-39.5		
MAT-08-9	528	367.1	-39.7		
MAT-08-9	555	362.3	-38.5		
	E.O.H				

NTS: 41P/15	Dip Tests		
Coordinates: 528359 5311572.7	Type:	Dip	
Collar Elevation: 330	Core Size:	Depth (m)	
Dip at Collar: -50	NQ		
Bearing: 335	Horizontal Project:		
Total Length: 557	Vertical Project:		
			Hole No.: MAT-08-9
			Claim.: 1202834
			Date: June 15 / 2009
			Contractor: Forage Mercier
			Logged by: R.Sanfacon/E.Canova

Drill Hole	Depth		Lithology Code	Lithology Unit	Color	Grano metria Grain Size	Min 1	Min 2	Text	Structure	Struct Int 1-3	Strud CA 0-4	Mag 0/1	Grph Veta Type	Vn %	Intensidad Alteracion / Alter. Strig												Sulfides %						Comentario					
	Fm (m)	To (m)														S	Ca	Ep	Cl	Lx	KFld Alb	Ser	Biel	Hem Mg	Ox	Tour	Talc	Fuch	Leac	Po	Sph	Cpy	Ge		As	Py	Total		
MAT-08-9	8.00	10.00	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co			FO	53	2		CbQz	4		1	1	2																			0.1	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains; moderate alteration of chlorite; weak alterations of carbonate-hematite-epidote. The unit contains 4% of quartz-carbonate-hematite veinlets and 0.1% of pyrite. The protolith is distinguishable but foliated and sheared. Strong magnetism due to magnetite.
MAT-08-9	10.00	10.10	I2F	2.06	Monzonite	red	fi			MA	85			CbQz	1		1																				1	Monzonite; red; massive; fine grains; strong alteration of hematite; weak alterations of quartz-carbonate. The unit contains 1% of quartz-carbonate veinlets and 1.0% of pyrite.	
MAT-08-9	10.10	11.00	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co			FO	68	2		CbQz	4		1	1	2																		0.1	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains; moderate alteration of chlorite; weak alterations of carbonate-hematite-epidote. The unit contains 4% of quartz-carbonate-hematite veinlets and 0.1% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	11.00	11.1	(CL) M25-M8	14.25	Chlorite mylonite	green	fi			CS; FO				CbQz	3		1	3																		0.1	Chlorite mylonite; green; partly sheared; partly foliated; fine grains;		
MAT-08-9	11.10	14.15	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co			FO		2		CbQz	3		1	1	2																	0.1	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains;		
MAT-08-9	14.15	14.46	I2F	2.06	Monzonite	red	fi			MA	77			CbQz	1		1																			0.5	Monzonite; red; massive; fine grains; strong alteration of hematite and		
MAT-08-9	14.46	16.6	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co			FO		2		CbQz	2		1	1	2																	0.1	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains;		
MAT-08-9	16.60	16.9	I2F	2.06	Monzonite +VN	red	fi			MA				CbQz	53		1																			0.1	Monzonite and veins; red; massive; fine grains; strong alteration of hematite and weak alterations of quartz and carbonate. The unit contains 53% of quartz-carbonate veinlets-vein and 0.1% of pyrite.		
MAT-08-9	16.90	25	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co			FO	70	2		CbQz	2		1	1	2																	0.1	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains; moderate alteration of chlorite and weak alterations of carbonate; hematite and epidote. The unit contains 2% of quartz-carbonate-hematite veinlets and 0.1% of pyrite. Strong magnetism due to magnetite.		
MAT-08-9	25.00	25.4	I3A	3.01	Gabbro		fi (md)			MA	42	3		CB	3		1	1																		0	Proterozoic ? gabbro; massive; fine to medium grains; weak alterations of carbonate and chlorite. The unit contains 3% of carbonate veinlets and 0.0% of pyrite. Very strong magnetism due to magnetite.		
MAT-08-9	25.40	35.8	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co		MG	FO	65	2		CbQz	2		1	1	2																		0.1	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains; moderate alterations of hematite-chlorite and weak alterations of carbonate-epidote. The unit contains 2% of quartz-carbonate-hematite and 0.1% of pyrite. Strong magnetism; the diorite contains stingers of magnetite.	
MAT-08-9	35.80	36.2	I2F	2.1	Monzonite	red	fi			MA	62	0		CbQz	1		1	3																		2	Monzonite; red; massive; fine grains; strong alteration of epidote; weak alterations of carbonate and hematite. The unit contains 1% of quartz-carbonate veinlets and 2.0% of pyrite. Very fine pyrite.		
MAT-08-9	36.20	43.3	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co			FO	68	2		CbQz	2		1	1	2																		0.1	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains; moderate alterations of hematite and chlorite; weak alterations of carbonate and epidote. The unit contains 2% of quartz-carbonate veinlets and 0.1% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	43.30	44	M25-M8 (I2J-I2F?) - (CL-CB) M25-M8	14.25	Sheared diorite and chlorite-carbonate schist	reddish green to green	fi to co		MG	CS; FO	80	2		CbQz	3		1	1	2																		1	Sheared diorite and chlorite-carbonate schist. The diorite exhibits moderate alterations of hematite and chlorite; weak alterations of quartz-carbonate-epidote-senecite. The unit contains 3% of quartz-carbonate-chlorite veinlets and 1.0% of pyrite. The chlorite schist shows conjugated cleavage across the diorite. Strong magnetism; disjunctive magnetite is well visible.	
MAT-08-9	44.00	46.5	I2J or I2H	2.1	Diorite or monzodiorite	reddish green	fi to co			FO	55	2		CbQz	3		1	1	2																		0.2	Diorite or monzodiorite; reddish green; foliated; fine to coarse grains; moderate alterations of hematite and chlorite; weak alterations of carbonate and epidote. The unit contains 3% of quartz-carbonate veinlets and 0.2% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	48.50	53.7	I2J or I2H	2.1	Diorite or monzodiorite	reddish to greenish grey	fi to co			FO	76	2		CbQz	1		1	1	2																		0.1	Diorite or monzodiorite; reddish to greenish grey; foliated; fine to coarse grains; moderate alteration of chlorite and weak alterations of carbonate-hematite-epidote. The unit contains 1% quartz-carbonate-epidote veinlets and 0.1% of pyrite. Less altered in hematite than preceding section. Strong magnetism due to magnetism.	
MAT-08-9	53.70	61.56	I2J or I2H	2.10	Diorite or monzodiorite	reddish green	fi to co		PO	MA; FO	60	2		CbQz	2		1	1	1																		0.3	Diorite or monzodiorite; reddish green; partly massive; partly foliated; fine to coarse grains; moderate alteration of hematite and weak alterations of quartz-carbonate-epidote-chlorite. The unit contains 2% of quartz-carbonate-chlorite-epidote-hematite veinlets and 0.3% of pyrite but between 57.3 to 58.0 : 1% of pyrite. The diorite, less foliated than preceding sections; shows porphyres of feldspaths. Strong magnetism due to magnetite.	
MAT-08-9	61.56	62.4	(CL-CB) M8	14.08	Chlorite-carbonate schist	dark green	fi to co			CS; FO	73			CbQz	4		2	3																			0.1	Chlorite-carbonate schist; dark green; partly sheared; partly foliated; fine to coarse grains; strong alteration of chlorite, moderate alteration of carbonate. The unit contains 4% of late quartz-carbonate veinlets and 0.1% of pyrite. The major foliation or cleavage cut and transposed some older carbonate veinlets.	

Drill Hole	Depth		Lithology Code Lithology	Lithology Unit Number Unit	Color	Grano metria Grain Size	Min 1	Min 2	Text	Structure	Struct Int 1-3	Struct CA	Mag 0-4	Grph 0/1	Type Veta Vein Type	Vn %	Intensified Alteracion / Alter. Strg										Sulfides %					Comentario							
	Fm (m)	To (m)															Si	Ca	Epi	Cl	Lx	KFid	Ser	Bio	Hem	Ox	Tour	Talc	Fuch	Leac	Po		Sph	Cpy	Ga	As	Py	Total	
MAT-08-9	62.4	63.75	I2H	2.08	Monzodiorite	red	fi (md)	FD	HE	MA		72			CbQz	4	2	1																				0.2	Monzodiorite; red; massive; usually fine grains; strong alteration of hematite; moderate alteration of carbonate and weak alteration of quartz-chlorite. The unit contains 4% of carbonate-quartz veinlets and 0.2% of pyrite.
MAT-08-9	63.75	64.35	(CL-CB) M8 - VN (CL-CB)	14.08	Chlorite-carbonate schist	dark green	fi (md)			FO,CS, MA		72			CbQz	8	2	3																			0.2	Chlorite-carbonate schist; dark green; partly foliated; partly massive; fine to medium grains; strong alteration of chlorite and moderate alteration of carbonate. The unit contains 8% of carbonate-quartz veinlets and 0.2% of pyrite. Some older carbonate veinlets (5%ca) are folded by the main foliation (72° ca).	
MAT-08-9	64.35	66.78	I2H	2.08	Monzodiorite	Pinkish green	fi (md)			FR; MA (FO)		73	2		CbQz		2	1																			0.3	Monzodiorite; pinkish green; partly fractured; partly massive; locally foliated; usually fine-grained; moderate alteration of carbonate; weak alteration of quartz; hematite and chlorite. The unit contains 1% of carbonate-quartz veinlets and 0.3% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	66.78	67.56	(CL-CB) M6 - CB-QZ vein	14.08	Chlorite-carbonate schist - CB-QZ vein	dark green	fi (md)			FO,MA		0			CbQz	15	2	3																			0.1	Monzodiorite; pinkish green; partly fractured; partly massive; locally foliated; usually fine-grained; moderate alteration of carbonate; weak alteration of quartz; hematite and chlorite. The unit contains 1% of carbonate-quartz veinlets and 0.3% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	67.56	67.9	I2H	2.08	Monzodiorite	greenish red	fi-md			FR; MA		70	2		CbQz	1	2	1																			0.7	Chlorite-carbonate schist and vein; dark green; partly foliated; partly massive; strong alteration of chlorite and moderate alteration of carbonate. The unit contains 15% of carbonate-quartz veinlets and 0.1% of pyrite. The cleavage or major foliation is axial plane of closed to isoclinal folds observed within older carbonate - quartz veinlets and veinlets.	
MAT-08-9	67.9	68.35	QZ-CBvein - (CL-CB) M8	14.08	Quartz-carbonate vein - (chlorite-carbonate) schist	white to dark green	fi to coarse			CS		70	2		CbQz	65	1	2																			0.1	Monzodiorite; greenish red; partly fractured; partly massive; fine to medium grains; moderate alteration of carbonate-hematite; weak alteration of quartz-chlorite. The unit contains 1% of carbonate-quartz-chlorite veinlets and 0.7% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	68.35	69.1	I2H	2.08	Monzodiorite	Pinkish green	fi-md			CS;FR		62	2		CbQz	1	2	1																			0.2	Quartz-carbonate vein and chlorite-carbonate schist; white to dark green; sheared; fine to coarse grains; moderate alteration of chlorite and weak alteration of carbonate. The unit contains 65% of quartz-carbonate veinlets-vein and 0.1% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	69.1	69.6	(CL-CB) M25- M8	14.08	Chlorite-carbonate schist	dark green	fi to co			CS;FO		77			CbQz	35	2	2																			0.1	Monzodiorite; pinkish green; partly sheared; partly fractured; fine to medium grains; moderate alteration of carbonate and weak alteration of quartz-hematite-chlorite. The unit contains 1% of carbonate-quartz-chlorite veinlets and 0.2% of pyrite. Strong magnetism due to magnetite.	
MAT-08-9	69.6	79.5	M24 - M26 (I2F or V1D or V2D)	14.25	Cataclastic-brecciated (monzonite or dacite or trachyte)	Pinkish to greenish white	fi (md)			BR; FR; (FO); clasts			2		CbQz	1	2	1																			0.2	Chlorite-carbonate schist; dark green; partly sheared; partly foliated; fine to coarse grains; moderate alteration of carbonate and chlorite. The unit contains 35% of mainly transposed older quartz-carbonate veinlets and 0.1% of pyrite.	
MAT-08-9	73.2	74.5	I2H	2.08	Monzodiorite	Pinkish to greenish white	fi to co			FR; MA; (FO)		70	2		CbQz	1	2	1																			0.4	Cataclastic - brecciated dacite or trachyte; pinkish to greenish white; partly foliated; fine to medium grains; moderate alteration of carbonate; weak alteration of hematite and chlorite. The unit contains 1% of quartz-carbonate veinlets and 0.2% of pyrite. The units exhibits 4% of clasts-diameter > 1.0 cm.	
MAT-08-9	74.5	79.5	M24 (I2F or V1D or V2D)	14.24	Cataclastic - brecciated (monzonite or dacite or trachyte)	Pinkish to greenish white	fi to co			4% FRAg; FR (FO)		70	2		CbQz	1	2	1																			0.2	Monzodiorite; pinkish to greenish white; partly fractured; partly massive; fine to coarse grains; moderate alteration of carbonate; weak alteration of hematite-chlorite. The unit contains 1% of quartz-carbonate veinlets and 0.4% of pyrite. Gradual contacts but foliated contacts with preceding and next sections.	
MAT-08-9	79.5	84.6	M25- M24 (I2F or V1D or V2D)	14.25	Mylonite - cataclastic - breccias (monzonite or dacite or trachyte)	Pinkish to greenish grey	fi (md)			FR; clasts; (FO)		68			CbQz	1	2	2																			0.5	Cataclastic - brecciated dacite or trachyte; pinkish to greenish white; partly fractured; partly foliated; fine to coarse grains; moderate alteration of carbonate; weak alteration of hematite and chlorite. The unit contains 1% of quartz-carbonate veinlets and 0.2% of pyrite. The units exhibits 4% of clasts-diameter > 1.0 cm.	
MAT-08-9	84.6	102.5	M25 (V1D or V2D) - T4? or TL?	14.25	Mylonite (dacite or trachyte) - tectonic breccia or possible lapilli tuff	Pinkish Greenish grey	Fi to co			MA; clasts		60			CbQz	1	2	1																		0.3	Mylonite-cataclastic dacite or trachyte; pinkish to greenish grey; partly fractured; partly foliated; fine to medium grains; moderate alteration of carbonate and chlorite; weak alteration of hematite. The unit contains 1% of carbonate-quartz late veinlets and 0.5% of pyrite. The units exhibits 15% of clasts-diameter > 1.0 cm. Fragmentations came from mainly transposed folds found within older carbonate-quartz (hematite) and anatomosed foliations but other sources may be possible.		

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU	AU Pyro Grav 1	AU Pyro Grav 2	AU g/t Msieve	AU AuGrav Pulpe	AU AuGrav Reject	AU Avg g/t	AG PPM	CU PPM	ZN PPM	PB PPM	%Py
MAT-08-9	590066	8.00	9.50	1.50	Diorite or monzodiorite	590066	0.061					0.061	0.2	71	108		0.1
MAT-08-9	590069	11.00	12.50	1.50	Diorite or monzodiorite	590069	0.028					0.028	-0.2	83	122		0.1
MAT-08-9	590070	14.00	15.50	1.50	Diorite or monzodiorite - chlorite schist	590070	0.011					0.011	0.4	32	90		0.1
MAT-08-9	590071	15.50	17.00	1.50	Diorite or monzodiorite - Monzonite - Quartz-chlorite vein	590071	0.034					0.034	-0.2	16	109		0.1
MAT-08-9	590072	15.50	17.00	1.50	Duplicata	590072	0.017					0.017	-0.2	32	100		
MAT-08-9	590073	18.50	20.00	1.50	Diorite or monzodiorite	590073	0.006					0.006	0.2	54	112		0.1
MAT-08-9	590074	23.00	24.50	1.50	Diorite or monzodiorite	590074	0.109					0.109	0.7	87	123		0.1
MAT-08-9	590075	26.00	27.50	1.50	Diorite or monzodiorite	590075	0.011					0.011	-0.2	51	105		0.1
MAT-08-9	590076	29.00	30.50	1.50	Diorite or monzodiorite	590076	0.022					0.022	-0.2	69	91		0.1
MAT-08-9	590077	32.00	33.50	1.50	Diorite or monzodiorite	590077	0.056					0.056	0.2	73	113		0.1
MAT-08-9	590078	35.50	36.50	1.00	Diorite or monzodiorite	590078	0.027					0.027	0.2	27	63		1.0
MAT-08-9	590079	38.00	39.50	1.50	Diorite or monzodiorite	590079	0.049					0.049	-0.2	43	93		0.1
MAT-08-9	590080	st-54			Standard 54	590080	3.04	2.89				3.04	4.8	14600	109		
MAT-08-9	590081	41.00	42.50	1.50	Diorite or monzodiorite	590081	0.024					0.024	-0.2	83	100		0.1
MAT-08-9	590082	42.50	44.00	1.50	Diorite or monzodiorite - Chlorite - carbonate schist	590082	0.023					0.023	0.2	67	96		0.7
MAT-08-9	590083	44.00	45.50	1.50	Diorite or monzodiorite	590083	0.007					0.007	-0.2	79	97		0.2
MAT-08-9	590084	blank			Blank	590084	-0.01					0.002	-0.2	11	30		
MAT-08-9	590085	47.00	48.50	1.50	Diorite or monzodiorite	590085	0.01					0.01	-0.2	47	89		0.2
MAT-08-9	590086	51.50	53.00	1.50	Diorite or monzodiorite	590086	0.01					0.01	0.2	117	118		0.1
MAT-08-9	590087	54.50	56.00	1.50	Diorite or monzodiorite	590087	0.009					0.009	0.2	53	104		0.3
MAT-08-9	590088	56.00	57.40	1.40	Diorite or monzodiorite	590088	0.055					0.055	0.2	69	107		0.3
MAT-08-9	590089	57.40	58.00	0.60	Diorite or monzodiorite	590089	0.032					0.032	0.5	87	101		1.0
MAT-08-9	590090	59.00	60.50	1.50	Diorite or monzodiorite	590090	0.05					0.05	0.2	45	124		0.3
MAT-08-9	590091	59.00	60.50	1.50	Duplicata	590091	0.043					0.043	0.2	84	136		
MAT-08-9	590092	62.00	63.50	1.50	Monzodiorite - Chlorite - carbonate schist	590092	0.064					0.064	0.3	138	141		0.1
MAT-08-9	590093	65.00	66.50	1.50	Monzodiorite	590093	0.052					0.052	0.3	49	39		0.3
MAT-08-9	590094	68.00	69.50	1.50	Quartz -carbonate vein - Chlorite carbonate schist - monzodiorite	590094	-0.01					0.002	-0.2	46	157		0.2
MAT-08-9	590095	74.00	75.50	1.50	Cataclastic (monzonite or dacite or trachyte)	590095	-0.01					0.002	-0.2	28	45		0.2
MAT-08-9	590096	77.00	78.50	1.50	Cataclastic (monzonite or dacite or trachyte)	590096	-0.01					0.002	0.2	51	51		0.5
MAT-08-9	590097	80.00	81.50	1.50	Mylonite - cataclastic (monzonite or dacite or trachyte)	590097	-0.01					0.002	0.2	34	52		0.5
MAT-08-9	590098	81.50	83.00	1.50	Mylonite - cataclastic (monzonite or dacite or trachyte)	590098	0.006					0.006	0.2	39	70		0.5
MAT-08-9	590099	83.00	84.50	1.50	Mylonite - cataclastic (monzonite or dacite or trachyte)	590099	0.006					0.006	0.2	45	79		0.5
MAT-08-9	590100	st-10			Standard-10	590100	NSS					NSS	1.2	111	95		
MAT-08-9	590101	89.00	90.50	1.50	Mylonite (dacite or trachyte) - possible tectonic breccia or possible lapilli tuff	590101	0.028					0.028	0.2	28	66		0.3
MAT-08-9	590102	90.50	92.00	1.50	Mylonite (dacite or trachyte) - possible tectonic breccia or possible lapilli tuff	590102	0.103					0.103	0.2	30	57		0.3
MAT-08-9	590103	96.00	97.50	1.50	Mylonite (dacite or trachyte) - possible tectonic breccia or possible lapilli tuff	590103	-0.01					0.002	0.2	35	55		0.3
MAT-08-9	590104	99.50	101.00	1.50	Mylonite (dacite or trachyte) - possible tectonic breccia or possible lapilli tuff	590104	0.006					0.006	0.2	25	80		0.3
MAT-08-9	590105	blank			Blank	590105	-0.01					0.002	0.3	12	75		
MAT-08-9	590106	102.50	104.00	1.50	Monzonite or monzodiorite	590106	0.005					0.005	0.2	47	89		0.6
MAT-08-9	590107	104.00	105.50	1.50	Tectonic breccias (altered basalt or andesitic basalt) or possible mafic lapilli tuff - Monzonite or monzodiorite	590107	0.033					0.033	0.3	28	84		0.3
MAT-08-9	590108	107.00	108.50	1.50	Tectonic breccias (altered basalt or andesitic basalt) or possible mafic lapilli tuff and chlorite - carbonate schist	590108	0.038					0.038	0.2	33	70		0.2
MAT-08-9	590109	110.00	111.50	1.50	Tectonic breccias (altered basalt or andesitic basalt) or possible mafic lapilli tuff	590109	0.007					0.007	0.2	39	65		0.4
MAT-08-9	590110	116.00	117.50	1.50	Tectonic breccias (altered basalt or andesitic basalt) or possible mafic lapilli tuff	590110	-0.01					0.002	0.3	43	58		
MAT-08-9	590111	116.00	117.50	1.50	Duplicata	590111	0.009					0.009	0.2	46	69		
MAT-08-9	590112	123.50	125.00	1.50	Tectonic breccias (altered basalt or andesitic basalt) or possible mafic lapilli tuff and chlorite - carbonate schist	590112	0.013					0.013	0.2	43	78		0.3
MAT-08-9	590113	127.50	128.00	0.50	Tectonic breccias (altered basalt or andesitic basalt) or possible mafic lapilli tuff and chlorite - carbonate schist	590113	0.01					0.01	0.2	46	79		0.4
MAT-08-9	590114	129.50	131.00	1.50	Lapilli tuff	590114	0.013					0.013	0.3	33	59		0.4
MAT-08-9	590115	131.00	132.50	1.50	Lapilli tuff - chlorite -carbonate schist	590115	0.008					0.008	-0.2	33	102		0.4
MAT-08-9	590116	135.50	137.00	1.50	Lapilli tuff	590116	0.007					0.007	0.4	44	112		0.8
MAT-08-9	590117	140.00	141.50	1.50	Lapilli tuff	590117	-0.01					0.002	0.3	45	69		0.5
MAT-08-9	590118	143.00	144.50	1.50	Lapilli tuff	590118	0.005					0.005	0.2	34	45		0.2
MAT-08-9	590119	155.00	156.50	1.50	Lapilli tuff	590119	-0.01					0.002	0.5	41	194		0.1
MAT-08-9	590120	st-10			Standard-10	590120	7.34	7.21				7.34	1.2	113	92		
MAT-08-9	590121	164.00	165.50	1.50	Lapilli tuff	590121	-0.01					0.002	0.7	40	242		0.2
MAT-08-9	590122	170.00	171.50	1.50	Tuff - Lapilli tuff	590122	-0.01					0.002	-0.2	34	49		0.3

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU PPM	Au Pyro Grav 1	Au Pyro Grav 2	Au g/t Msieve	Au AuGrav Pulpe	Au AuGrav Reject	Au Avg g/t	AG	CU	ZN	PB	%Py
													PPM	PPM	PPM	PPM	PPM
MAT-08-9	590123	171.50	173.00	1.50	Tuff - Lapilli tuff	590123	0.013					0.013	-0.2	26	61		0.3
MAT-08-9	590124	177.50	179.00	1.50	Tuff - Lapilli tuff	590124	0.008					0.008	-0.2	37	78		0.3
MAT-08-9	590125	186.50	188.00	1.50	Tuff - Lapilli tuff	590125	0.006					0.006	0.7	74	83		0.3
MAT-08-9	590126	blank			Blank	590126	-0.01					0.002	-0.2	4	35		
MAT-08-9	590127	188.00	189.50	1.50	Tuff - Lapilli tuff	590127	0.036					0.036	0.2	38	75		0.2
MAT-08-9	590128	189.50	191.00	1.50	Chlorite mylonite or vein and lapilli tuff.	590128	0.045					0.045	0.6	77	205		0.2
MAT-08-9	590129	179.00	180.50	1.50	Tuff -Lapilli tuff	590129	0.008					0.008	0.4	40	75		0.3
MAT-08-9	590130	180.50	182.00	1.50	Tuff -Lapilli tuff	590130	-0.01					0.002	0.2	47	57		0.3
MAT-08-9	590131	200.00	201.50	1.50	Lapilli tuff	590131	-0.01					0.002	0.4	53	96		0.2
MAT-08-9	590132	200.00	201.50	1.50	Duplicata	590132	-0.01					0.002	0.2	51	92		
MAT-08-9	590133	204.50	206.00	1.50	Lapilli tuff	590133	0.007					0.007	0.3	38	42		0.2
MAT-08-9	590134	210.50	212.00	1.50	Lapilli tuff	590134	0.005					0.005	0.2	38	81		0.4
MAT-08-9	590135	213.50	215.00	1.50	Lapilli tuff	590135	0.018					0.018	-0.2	38	91		0.4
MAT-08-9	590136	215.00	216.50	1.50	Lapilli tuff	590136	0.015					0.015	0.2	31	93		0.3
MAT-08-9	590137	216.50	218.00	1.50	Lapilli tuff	590137	-0.01					0.002	0.2	35	95		0.2
MAT-08-9	590138	219.50	221.00	1.50	Lapilli tuff	590138	-0.01					0.002	0.5	67	113		0.2
MAT-08-9	590139	224.00	225.50	1.50	Lapilli tuff	590139	-0.01					0.002	0.3	43	118		0.2
MAT-08-9	590140	st-54?			Standard	590140	3.03	NSS				3.03	5	15400	117		
MAT-08-9	590141	228.50	230.00	1.50	Lapilli tuff	590141	0.024					0.024	0.3	55	138		0.4
MAT-08-9	590142	238.50	240.00	1.50	Lapilli tuff	590142	0.038					0.038	1.4	73	538		0.7
MAT-08-9	590143	251.00	252.50	1.50		590143	0.008					0.008	0.2	45	82		0.4
MAT-08-9	590144	254.00	255.50	1.50	Lapilli tuff - tuff- (chlorite -carbonate-biotite) schist	590144	0.012					0.012	0.2	32	153		0.4
MAT-08-9	590145	254.00	255.50	1.50	Duplicata	590145	0.011					0.011	0.2	27	166		
MAT-08-9	590146	257.00	258.50	1.50	Lapilli tuff	590146	0.016					0.016	0.2	37	71		0.1
MAT-08-9	590147	258.50	260.00	1.50	Lapilli tuff	590147	0.022					0.022	0.3	88	71		0.1
MAT-08-9	590148	260.00	261.50	1.50	Lapilli tuff	590148	0.013					0.013	0.2	35	62		0.1
MAT-08-9	590149	266.00	267.50	1.50	Lapilli tuff	590149	0.04					0.04	0.3	58	49		0.6
MAT-08-9	590150	267.50	269.00	1.50		590150	0.013					0.013	0.2	62	60		0.8
MAT-08-9	590151	blank				590151	0.012					0.012	-0.2	59	33		
MAT-08-9	590152	270.30	271.30	1.00	Lapilli tuff	590152	0.071					0.071	0.5	85	65		0.3
MAT-08-9	590153	276.00	277.00	1.00	Lapilli tuff	590153	0.014					0.014	0.3	54	94		0.3
MAT-08-9	590154	281.00	282.50	1.50	Lapilli tuff	590154	0.02					0.02	0.3	53	59		0.1
MAT-08-9	590155	290.00	291.50	1.50	Lapilli tuff	590155	0.012					0.012	0.2	26	54		0.4
MAT-08-9	590156	293.00	294.50	1.50	Lapilli tuff	590156	0.014					0.014	0.2	40	57		0.4
MAT-08-9	590157	294.50	296.00	1.50	Lapilli tuff	590157	0.01					0.01	-0.2	31	52		0.4
MAT-08-9	590158	296.00	297.50	1.50	Lapilli tuff	590158	0.01					0.01	0.2	32	47		0.4
MAT-08-9	590159	297.50	299.00	1.50	Lapilli tuff	590159	0.011					0.011	0.2	57	57		0.4
MAT-08-9	590160	st-15				590160	1.0	0.94				1	0.3	55	72		
MAT-08-9	590161	300.50	302.00	1.50	Lapilli tuff	590161	0.008					0.008	0.2	17	50		0.4
MAT-08-9	590162	308.00	309.50	1.50	Sheared basalt -basalt	590162	0.007					0.007	0.2	57	51		0.3
MAT-08-9	590163	309.50	311.00	1.50	Sheared basalt -basalt	590163	0.012					0.012	-0.2	67	60		0.3
MAT-08-9	590164	311.00	312.50	1.50	Sheared basalt -basalt	590164	0.016					0.016	0.2	45	84		0.3
MAT-08-9	590165	314.00	315.50	1.50	Sheared basalt -basalt	590165	0.009					0.009	0.2	50	85		
MAT-08-9	590166	314.00	315.50	1.50	Duplicata	590166	0.008					0.008	0.3	38	94		
MAT-08-9	590167	317.00	318.50	1.50	Sheared basalt -basalt	590167	0.041					0.041	0.2	28	87		1.0
MAT-08-9	590168	318.50	320.00	1.50	Sheared basalt -basalt	590168	0.015					0.015	0.2	34	68		1.0
MAT-08-9	590169	324.50	326.00	1.50		590169	0.118					0.118	0.6	72	59		0.6
MAT-08-9	590170	330.50	332.00	1.50		590170	0.03					0.03	0.2	41	52		0.5
MAT-08-9	590171	blank			Blank	590171	0.009					0.009	0.2	52	46		
MAT-08-9	590172	333.50	335.00	1.50		590172	0.041					0.041	0.2	52	38		0.6
MAT-08-9	590173	335.00	336.50	1.50		590173	0.211					0.211	0.4	62	46		0.6
MAT-08-9	590174	345.50	347.00	1.50	Diabase-gabbro	590174	0.016					0.016	0.2	116	79		0.2
MAT-08-9	590175	356.00	357.50	1.50	Diabase-gabbro	590175	-0.01					0.002	0.3	133	66		0.2
MAT-08-9	590176	368.00	369.50	1.50	Syenite - (Chlorite -carbonate) schist	590176	0.155					0.155	0.9	55	205		1.0
MAT-08-9	590177	369.50	371.00	1.50	Altered basalt or andesitic basalt and chlorite - carbonate schist	590177	0.168					0.168	0.5	66	88		2.0
MAT-08-9	590178	371.00	372.50	1.50	Altered basalt or andesitic basalt	590178	0.126					0.126	0.3	56	75		1.0

0.2325
0.252
0.189

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU PPM	Au Pyro Grav 1	Au Pyro Grav 2	Au g/t Msieve	Au AuGrav Pulpe	Au AuGrav Reject	Au Avg g/t	AG PPM	CU PPM	ZN PPM	PB PPM	%Py
MAT-08-9	590179	372.50	374.00	1.50	Altered basalt or andesitic basalt	590179	0.085					0.085	0.4	64	95		1.0
MAT-08-9	590180	st			Standard-10	590180	7.35	6.86					1.1	119	91		0.1275
MAT-08-9	590181	374.00	375.50	1.50	Altered basalt or andesitic basalt	590181	0.057					0.057	0.2	38	46		1.0
MAT-08-9	590182	375.50	377.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590182	0.104					0.104	0.3	76	41		0.6
MAT-08-9	590183	377.00	378.50	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590183	0.116					0.116	0.2	65	58		0.6
MAT-08-9	590184	378.50	380.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590184	0.026					0.026	0.2	56	42		0.6
MAT-08-9	590185	380.00	381.50	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590185	0.028					0.028	0.2	70	39		0.6
MAT-08-9	590186	380.00	381.50	1.50	Duplicata	590186	0.036					0.036	0.3	75	46		
MAT-08-9	590187	381.50	383.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590187	0.028					0.028	0.3	101	60		0.4
MAT-08-9	590188	383.00	384.50	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590188	0.064					0.064	0.2	148	53		0.4
MAT-08-9	590189	384.50	386.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590189	0.039					0.039	0.3	94	49		2.0
MAT-08-9	590190	386.00	387.50	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590190	0.038					0.038	0.2	53	44		2.0
MAT-08-9	590191	387.50	389.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590191	0.042					0.042	0.3	35	40		2.0
MAT-08-9	590192	389.00	390.50	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590192	0.061					0.061	0.3	51	45		2.0
MAT-08-9	590193	390.50	392.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590193	0.055					0.055	0.3	59	50		2.0
MAT-08-9	590194	392.00	393.50	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590194	0.054					0.054	0.3	48	45		2.0
MAT-08-9	590195	Blank			Blank	590195	-0.01					0.002	-0.2	3	44		
MAT-08-9	590196	393.50	395.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590196	0.029					0.029	0.2	34	52		2.0
MAT-08-9	590197	395.00	396.50	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590197	0.046					0.046	0.3	61	46		2.0
MAT-08-9	590198	396.50	398.00	1.50	Tuffaceous lapilli and block or tectonic breccias -or conglomerate	590198	0.073					0.073	0.3	82	45		2.0
MAT-08-9	590199	398.00	399.50	1.50	Tuffaceous lapilli and block or tectonic breccias or conglomerate and tuff - ash tuff or mylonite	590199	0.072					0.072	0.3	116	45		2.0
MAT-08-9	590200	st-15			Standard 15	590200	1.03	NSS					0.4	58	71		
MAT-08-9	590201	399.50	401.00	1.50	Basalt	590201	0.031					0.031	0.2	46	36		2.0
MAT-08-9	590202	blank			Blank	590202	-0.01					0.002	-0.2	4	44		1.5
MAT-08-9	590203	401.00	402.50	1.50	Basalt - Sheared basalt	590203	0.017					0.017	0.3	32	37		2.0
MAT-08-9	590204	402.50	404.00	1.50	Basalt - Sheared basalt	590204	0.021					0.021	-0.2	37	40		1.5
MAT-08-9	590205	404.00	405.50	1.50	Altered basalt or andesitic basalt	590205	0.025					0.025	-0.2	27	52		0.3
MAT-08-9	590206	405.50	407.00	1.50	Altered basalt or andesitic basalt	590206	0.015					0.015	-0.2	52	52		0.3
MAT-08-9	590207	407.00	408.50	1.50	Basalt - Altered basalt-gauges of fault	590207	0.018					0.018	-0.2	40	53		0.4
MAT-08-9	590208	408.50	410.00	1.50	Basalt - gauges of fault	590208	0.028					0.028	-0.2	37	53		0.5
MAT-08-9	590209	408.50	410.00	1.50	Duplicata	590209	0.026					0.026	-0.2	43	51		
MAT-08-9	590210	410.00	411.50	1.50	Altered basalt or andesitic basalt	590210	0.011					0.011	-0.2	35	49		0.3
MAT-08-9	590211	411.50	413.00	1.50	Basalt - brecciated basalt	590211	0.01					0.01	-0.2	45	53		0.4
MAT-08-9	590212	413.00	414.50	1.50	Basalt	590212	0.012					0.012	-0.2	24	52		0.4
MAT-08-9	590213	414.50	416.00	1.50	Basalt	590213	0.016					0.016	-0.2	19	74		0.4
MAT-08-9	590214	416.00	417.50	1.50	Altered (epidote) basalt	590214	0.01					0.01	-0.2	29	56		0.7
MAT-08-9	590215	417.50	419.00	1.50	Altered (epidote) basalt - quartz vein	590215	0.057					0.057	-0.2	59	47		0.7
MAT-08-9	590216	419.00	420.50	1.50	Basalt -diorite	590216	0.092					0.092	0.3	87.00	93		2.0
MAT-08-9	590217	420.50	422.00	1.50	Diorite -quartz vein	590217	0.068					0.068	0.3	202.00	81		0.4
MAT-08-9	590218	422.00	423.50	1.50	Cataclasite-Mylonite (Sheared lapilli-Tuff?or sheared hydrothermal breccias?)	590218	0.424					0.424	0.4	187.00	77		0.4
MAT-08-9	590219	423.50	425.00	1.50	Cataclasite-Mylonite (Sheared lapilli-Tuff?or sheared hydrothermal breccias?) -basalt	590219	0.19					0.19	-0.2	75.00	58		3.0
MAT-08-9	590220	st-54			Standard - 54	590220	2.97	NSS				2.97	4.6	14400.00	107		3.0
MAT-08-9	590221	425.00	426.50	1.50		590221	0.013					0.013	-0.2	49.00	46		2.0
MAT-08-9	590222	428.80	429.80	1.00	Altered diorite or monzodiorite	590222	0.01					0.01	-0.2	25.00	18		0.3
MAT-08-9	590223	429.80	431.00	1.20	Altered diorite or monzodiorite	590223	0.012					0.012	0.4	82.00	19		0.07
MAT-08-9	590224	blank			Blank	590224	-0.01					0.002	-0.2	9.00	41		
MAT-08-9	590225	431.00	432.60	1.60	Altered basalt or andesitic basalt	590225	0.028					0.028	-0.2	59.00	63		1.5
MAT-08-9	590226	432.60	433.90	1.30	Chlorite-carbonate mylonite and sheared basalt	590226	0.145					0.145	0.3	174.00	57		2.0
MAT-08-9	590227	433.90	434.40	0.50	Chlorite-carbonate mylonite and sheared basalt	590227	0.039					0.039	-0.2	41.00	193		6.0
MAT-08-9	590228	438.50	440.00	1.50	Diorite	590228	0.282					0.282	0.6	1210.00	121		0.5
MAT-08-9	590229	441.40	443.00	1.60	Breccias - mylonite - diorite - Basalt	590229	0.13					0.13	0.2	94.00	181		0.6
MAT-08-9	590230	443.00	444.50	1.50	Basalt	590230	0.197					0.197	-0.2	78.00	40		2.0
MAT-08-9	590231	444.50	446.00	1.50	Diorite -gabbro	590231	0.104					0.104	-0.2	66.00	102		0.5
MAT-08-9	590232	444.50	446.00	1.50	Duplicata	590232	0.096					0.096	-0.2	81.00	100		
MAT-08-9	590233	446.00	447.50	1.50	Basalt	590233	0.146					0.146	-0.2	71.00	97		1.5
MAT-08-9	590234	447.50	449.00	1.50	Basalt	590234	0.027					0.027	-0.2	41.00	59		0.5

Hole ID	Sample No.	From (m)	To (m)	Width (m)	Comments	AU PPM	Au Pyro Grav 1	Au Pyro Grav 2	Au g/t Msieve	Au AuGrav Pulpe	Au AuGrav Reject	Au Avg g/t	AG PPM	CU PPM	ZN PPM	PB PPM	%Py
MAT-08-9	590235	453.50	455.00	1.50	Basalt	590235	0.012					0.012	-0.2	34.00	63		0.5
MAT-08-9	590236	458.00	459.50	1.50		590236	0.005					0.005	-0.2	17.00	16		0.3
MAT-08-9	590237	461.00	462.50	1.50		590237	-0.01					0.002	-0.2	21.00	12		0.3
MAT-08-9	590238	464.00	465.50	1.50	Monzodiorite - altered diorite	590238	-0.01					0.002	0.2	89.00	74		0.3
MAT-08-9	590239	470.00	471.50	1.50	Monzodiorite - altered diorite	590239	0.007					0.007	-0.2	21.00	12		0.3
MAT-08-9	590240	st-10				590240	7.48	NSS				7.48	1	124.00	94		
MAT-08-9	590241	476.00	477.50	1.50	Monzodiorite - altered diorite	590241	0.015					0.015	-0.2	42.00	29		0.3
MAT-08-9	590242	506.00	507.50	1.50	Monzodiorite - altered diorite	590242	-0.01					0.002	0.3	8.00	70		0.2
MAT-08-9	590243	507.90	509.00	1.10	Monzodiorite - altered diorite -quartz vein	590243	-0.01					0.002	-0.2	4.00	72		0.2
MAT-08-9	590244	507.90	509.00	1.10	Duplicata	590244	-0.01					0.002	1.2	3.00	66		
MAT-08-9	590245	509.00	510.50	1.50	Monzodiorite - altered diorite -quartz vein	590245	-0.01					0.002	-0.2	8.00	120		0.2
MAT-08-9	590246	510.50	512.00	1.50	Monzodiorite or altered diorite	590246	0.014					0.014	6.2	14.00	55		0.2
MAT-08-9	590247	518.00	519.50	1.50	Monzodiorite or altered diorite	590247	-0.01					0.002	-0.2	25.00	48		0.1
MAT-08-9	590248	527.00	528.50	1.50	Monzodiorite or altered diorite	590248	0.012					0.012	-0.2	17.00	16		0.1
MAT-08-9	590249	533.00	534.50	1.50	Monzodiorite or altered diorite	590249	-0.01					0.002	0.2	42.00	45		0.1
MAT-08-9	590250	537.50	539.00	1.50	Monzodiorite or altered diorite	590250	0.008					0.008	-0.2	58.00	18		0.1
MAT-08-9	590251	542.00	543.50	1.50	Monzodiorite or altered diorite	590251	-0.01					0.002	-0.2	17.00	72		0.1
MAT-08-9	590252	blank			Blank	590252	-0.01					0.002	-0.2	2.00	41		
MAT-08-9	590253	488.00	489.50	1.50	Monzodiorite or altered diorite and gabbro	590253	0.012					0.012	-0.2	58.00	64		0.3
MAT-08-9	590254	494.00	495.50	1.50	Monzodiorite or altered diorite	590254	0.009					0.009	-0.2	34.00	104		0.2
MAT-08-9	590255	498.50	500.00	1.50	Monzodiorite or altered diorite	590255	-0.01					0.002	0.2	19.00	123		0.2
MAT-08-9	590256	551.00	552.50	1.50	Monzodiorite or altered diorite and quartz vein	590256	-0.01					0.002	0.2	25.00	25		0.1
MAT-08-9	590257	227.00	228.50	1.50	Lapilli tuff	590257	0.01					0.01	0.2	52.00	96		0.4
MAT-08-9	590258	230.00	231.50	1.50	Lapilli tuff	590258	-0.01					0.002	0.4	23.00	124		0.4
MAT-08-9	590259	231.50	233.00	1.50	Lapilli tuff	590259	0.006					0.006	-0.2	30.00	143		0.4
MAT-08-9	590260	st			Standard	590260	1.05	0.98				1.05	0.2	52.00	68		
MAT-08-9	590261	233.00	234.50	1.50	Lapilli tuff	590261	0.005					0.005	-0.2	22.00	132		0.4
MAT-08-9	590262	234.50	236.00	1.50	Lapilli tuff	590262	0.026					0.026	0.4	16.00	81		0.4
MAT-08-9	590263	237.50	238.50	1.00	Lapilli tuff	590263	0.006					0.006	0.3	34.00	207		0.7
MAT-08-9	590264	240.00	241.50	1.50	Lapilli tuff	590264	0.02					0.02	0.4	79.00	206		0.6
MAT-08-9	590265	245.00	246.50	1.50	Lapilli tuff	590265	0.02					0.02	-0.2	53.00	165		0.3
MAT-08-9	590266	248.00	249.50	1.50	Lapilli tuff	590266	0.01					0.01	0.2	41.00	102		0.3
MAT-08-9	590267	255.50	257.00	1.50	Lapilli tuff	590267	0.013					0.013	-0.2	23.00	103		0.1
MAT-08-9	590268	426.50	427.70	1.20	Basalt	590268	0.011					0.011	0.2	56.00	50		2.0
MAT-08-9	590269	427.70	428.80	1.10	Basalt	590269	0.011					0.011	0.2	35.00	61		2.0
MAT-08-9	E.O.H																

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- cion	RQD Measured	Num Fracture
MAT-08-9	0.00	6.00	6.00	100		casing
MAT-08-9	6.00	8.00	2.00	100	1.00	50
MAT-08-9	8.00	11.00	3.00	100	1.51	50
MAT-08-9	11.00	14.00	3.00	100	2.30	77
MAT-08-9	14.00	17.00	3.00	100	1.92	64
MAT-08-9	17.00	20.00	3.00	100	1.76	59
MAT-08-9	20.00	23.00	3.00	100	2.36	79
MAT-08-9	23.00	26.00	3.00	100	2.34	78
MAT-08-9	26.00	29.00	3.00	100	0.50	17
MAT-08-9	29.00	32.00	3.00	100	1.69	56
MAT-08-9	32.00	35.00	3.00	100	1.39	46
MAT-08-9	35.00	38.00	3.00	100	1.24	41
MAT-08-9	38.00	41.00	3.00	100	1.47	49
MAT-08-9	41.00	44.00	3.00	100	2.04	68
MAT-08-9	44.00	47.00	3.00	100	1.89	63
MAT-08-9	47.00	50.00	3.00	100	1.94	65
MAT-08-9	50.00	53.00	3.00	100	2.27	76
MAT-08-9	53.00	56.00	3.00	100	1.29	43
MAT-08-9	56.00	59.00	3.00	100	1.35	45
MAT-08-9	59.00	62.00	3.00	100	1.45	48
MAT-08-9	62.00	65.00	3.00	100	1.22	41
MAT-08-9	65.00	68.00	3.00	100	1.95	65
MAT-08-9	68.00	71.00	3.00	100	1.20	40
MAT-08-9	71.00	74.00	3.00	100	2.63	88
MAT-08-9	74.00	77.00	3.00	100	2.25	75
MAT-08-9	77.00	80.00	3.00	100	2.55	85
MAT-08-9	80.00	83.00	3.00	100	2.24	75
MAT-08-9	83.00	86.00	3.00	100	1.80	60
MAT-08-9	86.00	89.00	3.00	100	2.85	95
MAT-08-9	89.00	92.00	3.00	100	2.60	87
MAT-08-9	92.00	95.00	3.00	100	3.00	100
MAT-08-9	95.00	98.00	3.00	100	2.95	98
MAT-08-9	98.00	101.00	3.00	100	3.03	101
MAT-08-9	101.00	104.00	3.00	100	2.69	90
MAT-08-9	104.00	107.00	3.00	100	2.91	97
MAT-08-9	107.00	110.00	3.00	100	2.94	98
MAT-08-9	110.00	113.00	3.00	100	2.83	94
MAT-08-9	113.00	116.00	3.00	100	2.73	91
MAT-08-9	116.00	119.00	3.00	100	2.80	93
MAT-08-9	119.00	122.00	3.00	100	2.81	94
MAT-08-9	122.00	125.00	3.00	100	2.47	82
MAT-08-9	125.00	128.00	3.00	100	2.99	100
MAT-08-9	128.00	131.00	3.00	100	2.96	99
MAT-08-9	131.00	134.00	3.00	100	2.84	95
MAT-08-9	134.00	137.00	3.00	100	2.85	95
MAT-08-9	137.00	140.00	3.00	100	2.95	98
MAT-08-9	140.00	143.00	3.00	100	2.28	76
MAT-08-9	143.00	146.00	3.00	100	2.37	79
MAT-08-9	146.00	149.00	3.00	100	2.85	95
MAT-08-9	149.00	152.00	3.00	100	2.90	97
MAT-08-9	152.00	155.00	3.00	100	2.87	96
MAT-08-9	155.00	158.00	3.00	100	2.94	98
MAT-08-9	158.00	161.00	3.00	100	2.93	98
MAT-08-9	161.00	164.00	3.00	100	2.79	93
MAT-08-9	164.00	167.00	3.00	100	2.54	85
MAT-08-9	167.00	170.00	3.00	100	2.68	89
MAT-08-9	170.00	173.00	3.00	100	3.06	102
MAT-08-9	173.00	176.00	3.00	100	2.18	73
MAT-08-9	176.00	179.00	3.00	100	2.70	90

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- cion	RQD Measured	Num Fracture
MAT-08-9	179.00	182.00	3.00	100	2.83	94
MAT-08-9	182.00	185.00	3.00	100	3.00	100
MAT-08-9	185.00	188.00	3.00	100	2.60	87
MAT-08-9	188.00	191.00	3.00	100	3.05	102
MAT-08-9	191.00	194.00	3.00	100	2.97	99
MAT-08-9	194.00	197.00	3.00	100	2.44	81
MAT-08-9	197.00	200.00	3.00	100	2.64	88
MAT-08-9	200.00	203.00	3.00	100	2.65	88
MAT-08-9	203.00	206.00	3.00	100	2.81	94
MAT-08-9	206.00	209.00	3.00	100	2.87	96
MAT-08-9	209.00	212.00	3.00	100	2.91	97
MAT-08-9	212.00	215.00	3.00	100	2.78	93
MAT-08-9	215.00	218.00	3.00	100	2.87	96
MAT-08-9	218.00	221.00	3.00	100	2.62	87
MAT-08-9	221.00	224.00	3.00	100	2.72	91
MAT-08-9	224.00	227.00	3.00	100	2.97	99
MAT-08-9	227.00	230.00	3.00	100	2.97	99
MAT-08-9	230.00	233.00	3.00	100	2.91	97
MAT-08-9	233.00	236.00	3.00	100	2.86	95
MAT-08-9	236.00	239.00	3.00	100	2.74	91
MAT-08-9	239.00	242.00	3.00	100	2.69	90
MAT-08-9	242.00	245.00	3.00	100	3.02	101
MAT-08-9	245.00	248.00	3.00	100	2.97	99
MAT-08-9	248.00	251.00	3.00	100	2.88	96
MAT-08-9	251.00	254.00	3.00	100	2.79	93
MAT-08-9	254.00	257.00	3.00	100	2.60	87
MAT-08-9	257.00	260.00	3.00	100	2.92	97
MAT-08-9	260.00	263.00	3.00	100	2.93	98
MAT-08-9	263.00	266.00	3.00	100	2.88	96
MAT-08-9	266.00	269.00	3.00	100	2.20	73
MAT-08-9	269.00	272.00	3.00	100	2.68	89
MAT-08-9	272.00	275.00	3.00	100	2.81	94
MAT-08-9	275.00	278.00	3.00	100	2.74	91
MAT-08-9	278.00	281.00	3.00	100	2.34	78
MAT-08-9	281.00	284.00	3.00	100	2.82	94
MAT-08-9	284.00	287.00	3.00	100	2.30	77
MAT-08-9	287.00	290.00	3.00	100	2.75	92
MAT-08-9	290.00	293.00	3.00	100	2.96	99
MAT-08-9	293.00	296.00	3.00	100	2.76	92
MAT-08-9	296.00	299.00	3.00	100	2.67	89
MAT-08-9	299.00	302.00	3.00	100	2.70	90
MAT-08-9	302.00	305.00	3.00	100	2.97	99
MAT-08-9	305.00	308.00	3.00	100	2.75	92
MAT-08-9	308.00	311.00	3.00	100	2.52	84
MAT-08-9	311.00	314.00	3.00	100	2.87	96
MAT-08-9	314.00	317.00	3.00	100	2.82	94
MAT-08-9	317.00	320.00	3.00	100	2.12	71
MAT-08-9	320.00	323.00	3.00	100	2.50	83
MAT-08-9	323.00	326.00	3.00	100	2.52	84
MAT-08-9	326.00	329.00	3.00	100	2.30	77
MAT-08-9	329.00	332.00	3.00	100	2.65	88
MAT-08-9	332.00	335.00	3.00	100	2.80	93
MAT-08-9	335.00	338.00	3.00	100	2.50	83
MAT-08-9	338.00	341.00	3.00	100	2.78	93
MAT-08-9	341.00	344.00	3.00	100	2.48	83
MAT-08-9	344.00	347.00	3.00	100	1.96	65
MAT-08-9	347.00	350.00	3.00	100	2.27	76
MAT-08-9	350.00	353.00	3.00	100	2.62	87
MAT-08-9	353.00	356.00	3.00	100	2.24	75
MAT-08-9	356.00	359.00	3.00	100	1.98	66
MAT-08-9	359.00	362.00	3.00	100	1.79	60
MAT-08-9	362.00	365.00	3.00	100	1.01	34
MAT-08-9	365.00	368.00	3.00	100	0.51	17
MAT-08-9	368.00	371.00	3.00	100	2.54	85
MAT-08-9	371.00	374.00	3.00	100	2.46	82
MAT-08-9	374.00	377.00	3.00	100	2.10	70
MAT-08-9	377.00	380.00	3.00	100	2.22	74
MAT-08-9	380.00	383.00	3.00	100	2.53	84
MAT-08-9	383.00	386.00	3.00	100	2.82	94
MAT-08-9	386.00	389.00	3.00	100	2.73	91
MAT-08-9	389.00	392.00	3.00	100	2.85	95
MAT-08-9	392.00	395.00	3.00	100	2.88	96

Hole ID	De m	A m	Actual Drilled m	Recovery Recupera- cion	RQD Measured	Num Fracture
MAT-08-9	395.00	398.00	3.00	100	2.86	95
MAT-08-9	398.00	401.00	3.00	100	2.54	85
MAT-08-9	401.00	404.00	3.00	100	2.74	91
MAT-08-9	404.00	407.00	3.00	100	2.26	75
MAT-08-9	407.00	410.00	3.00	100	2.18	73
MAT-08-9	410.00	413.00	3.00	100	2.28	76
MAT-08-9	413.00	416.00	3.00	100	2.82	94
MAT-08-9	416.00	419.00	3.00	100	1.67	56
MAT-08-9	419.00	422.00	3.00	100	2.55	85
MAT-08-9	422.00	425.00	3.00	100	3.10	103
MAT-08-9	425.00	428.00	3.00	100	2.35	78
MAT-08-9	428.00	431.00	3.00	100	2.35	78
MAT-08-9	431.00	434.00	3.00	100	1.63	54
MAT-08-9	434.00	437.00	3.00	100	2.71	90
MAT-08-9	437.00	440.00	3.00	100	2.70	90
MAT-08-9	440.00	443.00	3.00	100	1.59	53
MAT-08-9	443.00	446.00	3.00	100	2.50	83
MAT-08-9	446.00	449.00	3.00	100	2.27	76
MAT-08-9	449.00	452.00	3.00	100	2.56	85
MAT-08-9	452.00	455.00	3.00	100	2.67	89
MAT-08-9	455.00	458.00	3.00	100	2.50	83
MAT-08-9	458.00	461.00	3.00	100	2.68	89
MAT-08-9	461.00	464.00	3.00	100	2.30	77
MAT-08-9	464.00	467.00	3.00	100	2.57	86
MAT-08-9	467.00	470.00	3.00	100	2.55	85
MAT-08-9	470.00	473.00	3.00	100	2.60	87
MAT-08-9	473.00	476.00	3.00	100	2.93	98
MAT-08-9	476.00	479.00	3.00	100	2.77	92
MAT-08-9	479.00	482.00	3.00	100	2.71	90
MAT-08-9	482.00	485.00	3.00	100	2.87	96
MAT-08-9	485.00	488.00	3.00	100	2.70	90
MAT-08-9	488.00	491.00	3.00	100	2.26	75
MAT-08-9	491.00	494.00	3.00	100	2.86	95
MAT-08-9	494.00	497.00	3.00	100	2.80	93
MAT-08-9	497.00	500.00	3.00	100	2.91	97
MAT-08-9	500.00	503.00	3.00	100	2.86	95
MAT-08-9	503.00	506.00	3.00	100	2.44	81
MAT-08-9	506.00	509.00	3.00	100	2.43	81
MAT-08-9	509.00	512.00	3.00	100	2.03	68
MAT-08-9	512.00	515.00	3.00	100	2.97	99
MAT-08-9	515.00	518.00	3.00	100	1.87	62
MAT-08-9	518.00	521.00	3.00	100	2.77	92
MAT-08-9	521.00	524.00	3.00	100	2.26	75
MAT-08-9	524.00	527.00	3.00	100	2.14	71
MAT-08-9	527.00	530.00	3.00	100	2.87	96
MAT-08-9	530.00	533.00	3.00	100	2.78	93
MAT-08-9	533.00	536.00	3.00	100	2.16	72
MAT-08-9	536.00	539.00	3.00	100	2.76	92
MAT-08-9	539.00	542.00	3.00	100	3.01	100
MAT-08-9	542.00	545.00	3.00	100	2.82	94
MAT-08-9	545.00	548.00	3.00	100	2.86	95
MAT-08-9	548.00	551.00	3.00	100	2.64	88
MAT-08-9	551.00	554.00	3.00	100	2.68	89
MAT-08-9	554.00	557.00	3.00	100	1.09	36
MAT-08-9	E.O.H					

APPENDIX II
ASSAYS CERTIFICATES



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EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ALEXANDRIA MINERALS CORP.

100 ADELAIDE STREET WEST

UNIT 405

TORONTO ON M5H 1S3

Page: 1
Finalized Date: 8-FEB-2008

Account: ALEMIN

CERTIFICATE VO08010972

SAMPLE PREPARATION

Project: MATACHEWAN
P.O. No.: MAT-08-6A (B)
This report is for 5 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 30-JAN-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

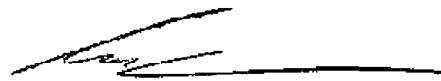
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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To: ALEXANDRIA MINERALS CORP.

100 ADELAIDE STREET WEST

UNIT 405

TORONTO ON M5H 1S3



Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 8-FEB-2008

Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08010972

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm
		0.02	0.005	0.2	1	1
548351		1.79	<0.005	<0.2	132	181
548352		3.16	<0.005	<0.2	75	276
548353		4.00	<0.005	0.3	71	495
548354		3.44	<0.005	0.4	63	264
548355		1.61	0.051	0.4	77	243



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To: ALEXANDRIA MINERALS CORP.
100 ADELAIDE STREET WEST
UNIT 405
TORONTO ON M5H 1S3



Page: 1
Finalized Date: 13-FEB-2008
Account: ALEMIN

CERTIFICATE VO08010973

Project: MATACHEWAN
P.O. No.: MAT-08-6A
This report is for 28 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 30-JAN-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 13-FEB-2008

Account: ALEMN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08010973

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.005	0.05	0.2	1	1
114473		3.80	0.005		<0.2	51	86
114474		3.59	0.005		0.2	42	87
114475		2.17	<0.005		0.3	109	86
114476		3.49	<0.005		<0.2	42	93
114477		3.22	<0.005		<0.2	37	34
114478		3.53	<0.005		<0.2	33	49
114479		3.55	0.005		<0.2	31	70
114480		0.07	7.18	7.64	1.0	120	91
114481		3.68	<0.005		0.3	36	65
114482		3.56	<0.005		<0.2	25	73
114483		3.40	0.005		<0.2	32	69
114484		4.13	<0.005		<0.2	96	106
114485		4.03	<0.005		<0.2	156	138
114486		3.72	<0.005		<0.2	94	112
114487		2.78	<0.005		<0.2	22	129
114488		1.08	<0.005		<0.2	27	135
114489		3.15	<0.005		0.2	207	120
114490		3.10	<0.005		<0.2	53	116
114491		3.03	<0.005		<0.2	77	102
114492		0.86	<0.005		<0.2	4	43
114493		3.29	0.011		0.2	80	118
114494		3.11	<0.005		0.3	106	230
114495		2.71	<0.005		<0.2	109	107
114496		0.58	<0.005		<0.2	10	34
114497		2.78	<0.005		0.4	230	338
114498		3.81	<0.005		0.8	178	1325
114499		2.18	0.038		0.5	286	283
114500		0.07	1.050	0.95	<0.2	57	71



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100 ADELAIDE STREET WEST

UNIT 405

TORONTO ON M5H 1S3

Page: 1
Finalized Date: 8-FEB-2008

Account: ALEMIN

CERTIFICATE VO08011863

SAMPLE PREPARATION

Project: MATACHEWAN
P.O. No.: MAT-08-6A
This report is for 5 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 31-JAN-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um


ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
Total # Pages: 2 (A)
Finalized Date: 8-FEB-2008
Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08011863

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt. kg	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.2	1	1
548356		4.09	<0.005	<0.2	92	194
548357		4.08	0.028	<0.2	120	180
548358		0.71	<0.005	<0.2	1	42
548359		3.61	0.040	<0.2	128	155
548360		3.26	0.019	<0.2	110	150



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100 ADELAIDE STREET WEST
UNIT 405
TORONTO ON M5H 1S3

Page: 1
Finalized Date: 19-FEB-2008
Account: ALEMIN

CERTIFICATE VO08011864

Project: MATACHEWAN
P.O. No.: MAT-08-6A (D)
This report is for 17 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 1-FEB-2008.
The following have access to data associated with this certificate:
EDDY CANOVA ERIC OWENS

SAMPLE PREPARATION

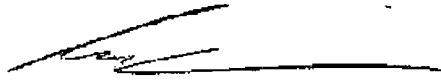
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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UNIT 405

TORONTO ON M5H 1S3

Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 19-FEB-2008

Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08011864

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm
		0.02	0.005	0.2	1	1
548361		3.40	<0.005	<0.2	116	153
548362		3.40	<0.005	<0.2	77	219
548363		2.12	<0.005	0.3	125	772
548364		3.49	<0.005	<0.2	127	399
548365		3.65	0.006	<0.2	72	126
548366		3.53	<0.005	<0.2	61	101
548367		3.42	<0.005	<0.2	79	82
548368		3.47	<0.005	<0.2	122	67
548369		3.47	<0.005	<0.2	152	98
548370		1.60	<0.005	<0.2	84	93
548371		2.93	<0.005	<0.2	68	203
548372		3.86	<0.005	<0.2	70	88
548373		3.43	<0.005	<0.2	66	98
548374		3.36	<0.005	<0.2	93	134
548375		3.42	<0.005	<0.2	91	139
548376		3.23	0.011	0.5	99	702
548377		0.80	<0.005	<0.2	2	61



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Page: 1
Finalized Date: 20-FEB-2008
Account: ALEMIN

CERTIFICATE VO08012445

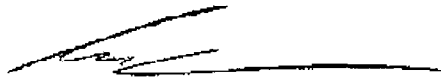
Project: MATACHEWAN
P.O. No.: MAT-08-6A (E)
This report is for 32 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 4-FEB-2008.
The following have access to data associated with this certificate:
EDDY CANOVA ERIC OWENS

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 20-FEB-2008

Account: ALEMEN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08012445

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Vt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.05	0.2	1	1
548378		3.46	0.007		<0.2	128	153
548379		3.33	<0.005		0.3	86	140
548380		0.07	1.005	1.01	0.3	55	70
548381		3.63	<0.005		0.2	133	219
548382		3.43	0.006		0.2	315	271
548383		3.71	0.011		0.2	142	361
548384		3.52	<0.005		<0.2	107	229
548385		2.73	<0.005		0.7	102	365
548386		3.33	<0.005		<0.2	78	181
548387		3.67	<0.005		0.2	97	168
548388		0.57	<0.005		<0.2	2	42
548389		3.14	0.006		<0.2	108	125
548390		3.57	<0.005		<0.2	111	139
548391		3.49	<0.005		<0.2	78	167
548392		3.72	<0.005		<0.2	128	163
548393		3.93	<0.005		<0.2	98	145
548394		3.39	<0.005		<0.2	131	214
548395		1.84	<0.005		0.2	147	209
548396		3.62	<0.005		0.2	146	182
548397		3.38	<0.005		0.2	69	85
548398		1.50	<0.005		<0.2	16	81
548399		4.09	<0.005		<0.2	113	87
548400		0.07	7.34	7.46	1.0	117	92
548401		3.40	0.015		<0.2	351	174
548402		3.55	<0.005		<0.2	123	72
548403		3.92	<0.005		<0.2	63	75
548404		3.49	0.005		<0.2	79	89
548405		3.17	0.010		<0.2	104	63
548406		1.58	0.018		<0.2	93	71
548407		3.39	<0.005		<0.2	141	97
548408		3.75	<0.005		<0.2	128	80
548409		3.55	<0.005		<0.2	86	91



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TORONTO ON M5H 1S3

Page: 1
Finalized Date: 21-FEB-2008
Account: ALEMIN

CERTIFICATE VO08013670

Project: MATACHEWAN
P.O. No.: MAT-08-6A (F)
This report is for 31 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 5-FEB-2008.

The following have access to data associated with this certificate:

EDDY CANOVA	ERIC OWENS
-------------	------------

SAMPLE PREPARATION

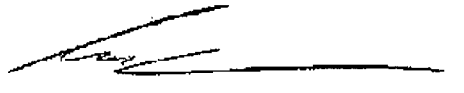
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 21-FEB-2008

Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08013670

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
		Recvd Wt. kg 0.02	Au ppm 0.005	Au ppm 0.05	Ag ppm 0.2	Cu ppm 1	Cu % 0.01	Zn ppm 1
548410		4.04	<0.005		<0.2	85		71
548411		3.52	<0.005		<0.2	124		371
548412		0.85	0.007		<0.2	9		44
548413		3.83	0.005		<0.2	184		709
548414		3.39	<0.005		<0.2	97		74
548415		4.00	<0.005		<0.2	112		62
548416		3.47	<0.005		<0.2	106		60
548417		3.42	<0.005		<0.2	165		42
548418		3.59	<0.005		<0.2	122		59
548419		3.11	<0.005		<0.2	222		292
548420		0.06	3.01	2.91	4.5	>10000	1.53	107
548421		2.96	<0.005		<0.2	99		598
548422		3.67	<0.005		<0.2	110		163
548423		3.80	0.005		<0.2	123		274
548424		2.80	<0.005		<0.2	66		897
548425		3.15	0.006		<0.2	78		234
548426		3.66	<0.005		<0.2	100		137
548427		3.30	<0.005		<0.2	165		93
548428		3.74	<0.005		<0.2	197		75
548429		0.56	<0.005		<0.2	5		44
548430		3.14	<0.005		<0.2	170		78
548431		3.13	<0.005		<0.2	171		91
548432		2.94	<0.005		<0.2	142		63
548433		3.92	<0.005		<0.2	170		76
548434		3.41	<0.005		<0.2	165		70
548435		1.65	<0.005		<0.2	173		73
548436		3.36	<0.005		<0.2	160		71
548437		3.14	<0.005		<0.2	143		80
548438		3.78	<0.005		<0.2	165		65
548439		3.50	<0.005		<0.2	208		55
548440		0.07	7.31	7.31	0.9	117		89



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TORONTO ON M5H 1S3

Page: 1
Finalized Date: 21-FEB-2008

Account: ALEMIN

CERTIFICATE VO08013801

SAMPLE PREPARATION

Project: MATACHEWAN

P.O. No.: MAT-08-6A

This report is for 16 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 5-FEB-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

ALS CODE

DESCRIPTION

WEI-21

Received Sample Weight

LOG-22

Sample login - Rcd w/o BarCode

CRU-31

Fine crushing - 70% <2mm

SPL-21

Split sample - riffle splitter

PUL-31

Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE

DESCRIPTION

INSTRUMENT

Ag-AA45

Trace Ag - aqua regia/AAS

AAS

Cu-AA45

Trace Cu-Aqua Regia Digestion

AAS

Zn-AA45

Trace Zn - aqua regia/AAS

AAS

Au-AA23

Au 30g FA-AA finish

AAS

To: ALEXANDRIA MINERALS CORP.

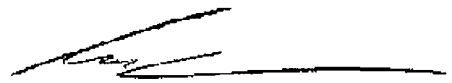
ATTN: EDDY CANOVA

1273, 5E RUE

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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 21-FEB-2008

Account: ALEMEN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08013801

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm
		0.02	0.005	0.2	1	1
548441		3.89	0.021	<0.2	229	60
548442		3.16	<0.005	<0.2	199	62
548443		3.26	0.005	<0.2	169	80
548444		3.17	<0.005	<0.2	169	84
548445		3.48	<0.005	<0.2	146	78
548446		5.88	<0.005	<0.2	117	91
548447		3.98	<0.005	<0.2	226	225
548448		3.62	<0.005	<0.2	54	67
548449		3.60	0.150	<0.2	133	60
548450		3.52	<0.005	<0.2	104	76
560851		0.56	0.026	<0.2	5	37
560852		3.18	<0.005	<0.2	102	107
560853		3.35	<0.005	<0.2	98	98
560854		3.67	<0.005	<0.2	140	112
560855		2.03	<0.005	<0.2	192	149
560856		2.22	0.008	0.5	191	607



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Page: 1

Finalized Date: 4-MAR-2008

This copy reported on 5-MAR-2008

Account: ALEMIN

CERTIFICATE VO08014624

SAMPLE PREPARATION

Project: MATACHEWAN
P.O. No.: MAT-08-6A (H)
This report is for 33 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 7-FEB-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ALEXANDRIA MINERALS CORP.

ATTN: EDDY CANOVA

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Plus Appendix Pages

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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08014624

Sample Description	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
	Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Zn ppm
Method Analyte Units LOR	0.02	0.005	0.05	0.2	1	1
560857	1.62	0.006		0.7	183	862
560858	3.06	<0.005		<0.2	41	353
560859	1.65	<0.005		0.2	43	530
560860	0.07	7.25	NSS	1.0	115	93
560861	3.47	0.009		<0.2	30	227
560862	3.16	0.011		0.3	103	656
560863	3.22	<0.005		<0.2	67	266
560864	3.20	0.013		0.2	69	370
560865	3.19	<0.005		<0.2	74	130
560866	3.30	<0.005		0.8	60	1655
560867	0.59	<0.005		<0.2	5	72
560868	3.22	<0.005		<0.2	44	75
560869	3.68	0.050		<0.2	46	49
560870	2.64	0.053		<0.2	53	234
560871	3.17	0.130		<0.2	45	93
560872	3.25	0.097		<0.2	39	143
560873	3.30	0.297		<0.2	41	90
560874	3.08	0.006		<0.2	42	103
560875	3.22	0.007		<0.2	52	92
560876	3.07	<0.005		<0.2	42	161
560877	3.50	0.130		0.2	43	87
560878	3.42	0.077		0.3	44	83
560879	2.96	0.083		<0.2	30	88
560880	0.07	1.035	1.10	<0.2	56	72
560881	1.95	0.115		<0.2	31	88
560882	2.63	0.037		<0.2	61	96
560883	3.36	0.009		<0.2	74	106
560884	3.53	0.017		<0.2	39	93
560885	3.25	0.035		<0.2	15	87
560886	3.33	0.010		<0.2	18	91
560887	3.56	0.013		0.2	15	92
560888	3.02	<0.005		<0.2	15	112
560889	3.46	0.082		0.4	269	1260



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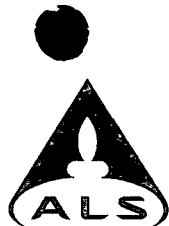


Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 4-MAR-2008
Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08014624

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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Page: 1
Finalized Date: 25-FEB-2008
Account: ALEMIN

CERTIFICATE VO08015138

Project: MATACHEWAN

P.O. No.: MAT-08-6A (I)

This report is for 33 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 8-FEB-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
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Signature: 

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 25-FEB-2008

Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08015138

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.05	0.2	1	1
560890		3.52	0.052		0.3	225	1665
560891		2.74	0.023		0.2	55	209
560892		1.34	0.014		<0.2	55	252
560893		2.85	0.027		0.2	42	81
560894		3.18	0.032		<0.2	38	107
560895		3.46	0.027		<0.2	40	210
560896		3.07	0.014		0.2	53	127
560897		3.32	0.014		0.4	38	91
560898		3.14	<0.005		0.5	44	363
560899		2.98	0.066		<0.2	43	204
560900		0.07	7.60	7.25	1.0	115	90
560901		3.67	0.007		0.2	77	328
560902		3.23	0.006		<0.2	34	127
560903		3.56	0.013		<0.2	36	181
560904		2.75	<0.005		0.3	25	75
560905		0.69	<0.005		<0.2	11	39
560906		2.89	<0.005		<0.2	82	211
560907		3.35	<0.005		<0.2	35	233
560908		0.61	<0.005		0.2	6	39
560909		2.88	<0.005		<0.2	68	263
560910		3.76	<0.005		0.5	92	682
560911		3.11	<0.005		0.6	70	989
560912		3.74	<0.005		<0.2	75	113
560913		3.77	0.006		0.2	75	120
560914		3.46	0.007		<0.2	86	112
560915		1.68	0.008		0.2	82	109
560916		3.45	0.006		<0.2	73	111
560917		3.24	0.008		0.2	29	104
560918		2.94	<0.005		0.2	30	92
560919		3.48	0.007		<0.2	59	125
560920		0.07	1.010	0.98	0.3	56	69
560921		3.77	0.009		2.1	73	98
560922		3.05	<0.005		<0.2	70	95



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Finalized Date: 26-FEB-2008

Account: ALEMIN

CERTIFICATE VO08016706

Project: MATCHWAN

P.O. No.: MAT-08-6A

This report is for 6 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 11-FEB-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS

To: **ALEXANDRIA MINERALS CORP.**

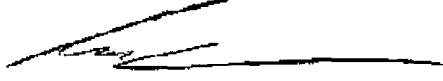
ATTN: EDDY CANOVA

1273, 5E RUE

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Signature:


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Total # Pages: 2 (A)
Finalized Date: 26-FEB-2008
Account: ALEMIN

Project: MATCHWAN

CERTIFICATE OF ANALYSIS VO08016706

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm
		0.02	0.005	0.2	1	1
560923		3.01	<0.005	<0.2	105	142
560924		2.82	0.006	<0.2	75	104
560925		3.29	<0.005	<0.2	46	92
560926		3.55	0.011	<0.2	84	118
560927		3.34	0.006	<0.2	50	124
560928		3.30	0.005	<0.2	50	95



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Page: 1
Finalized Date: 28-FEB-2008

Account: ALEMIN

CERTIFICATE VO08018098

Project: MATACHEWAN
 P.O. No.: MAT-08-6A (K)
 This report is for 32 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14-FEB-2008.
 The following have access to data associated with this certificate:
 EDDY CANOVA ERIC OWENS

SAMPLE PREPARATION

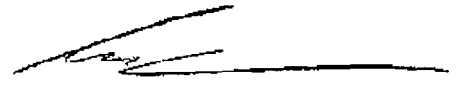
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ALEXANDRIA MINERALS CORP.
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 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Plus Appendix Pages

Finalized Date: 28-FEB-2008

Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08018098

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Cu %	Zn ppm
		0.02	0.005	0.05	0.2	1	0.01	1
560929		3.60	<0.005		0.3	79		127
560930		3.57	0.008		<0.2	73		108
560931		3.55	0.012		<0.2	83		94
560932		0.61	<0.005		<0.2	3		40
560933		2.96	0.046		<0.2	35		104
560934		3.25	0.082		<0.2	19		114
560935		1.44	0.079		0.3	16		134
560936		3.07	0.083		<0.2	74		87
560937		3.29	0.017		<0.2	95		81
560938		3.40	0.010		<0.2	131		59
560939		3.56	<0.005		<0.2	146		46
560940		0.07	7.43	7.33	1.0	120		96
560941		2.97	0.006		<0.2	60		95
560942		3.30	<0.005		0.2	58		98
560943		3.50	0.025		<0.2	102		118
560944		3.40	0.022		<0.2	76		130
560945		3.15	0.010		<0.2	72		95
560946		3.01	<0.005		<0.2	60		101
560947		3.04	0.005		<0.2	65		103
560948		3.36	0.005		<0.2	72		106
560949		3.56	<0.005		<0.2	60		113
560950		3.22	0.011		0.3	77		107
560951		3.78	0.005		<0.2	80		108
560952		3.03	0.005		<0.2	85		111
560953		3.27	0.007		<0.2	126		104
560954		3.58	0.005		<0.2	91		105
560955		3.27	<0.005		<0.2	74		103
560956		3.15	<0.005		<0.2	75		107
560957		1.71	<0.005		0.2	74		106
560958		3.12	0.006		0.2	78		102
560959		2.06	0.008		<0.2	80		103
560960		0.07	2.92	NSS	4.9	>10000	1.58	113



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 28-FEB-2008
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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08018098

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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Page: 1

Finalized Date: 27-FEB-2008

Account: ALEMIN

CERTIFICATE VO08018099

Project: MATACHEWAN

P.O. No.: MAT-08-6A (L)

This report is for 21 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14-FEB-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS

To: ALEXANDRIA MINERALS CORP.

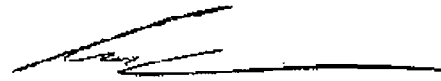
ATTN: EDDY CANOVA

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Signature:


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 Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08018099

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt. kg	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.2	1	1
560961		3.41	0.014	<0.2	91	127
560962		3.04	0.018	0.2	87	119
560963		0.22	<0.005	<0.2	20	40
560964		3.61	0.020	0.4	50	150
560965		3.31	0.011	0.2	43	106
560966		3.32	0.041	0.3	126	108
560967		3.46	0.044	0.2	116	80
560968		0.25	0.013	<0.2	37	38
560969		3.25	0.023	0.4	87	107
560970		3.14	0.072	0.2	74	87
560971		3.12	0.042	0.2	62	107
560972		2.63	0.017	0.2	66	95
560973		3.02	0.093	0.2	43	89
560974		3.07	0.008	<0.2	19	41
560975		1.76	0.018	<0.2	18	42
560976		3.10	<0.005	<0.2	16	28
560977		3.29	0.009	<0.2	30	40
560978		3.35	0.014	0.3	48	41
560979		3.11	0.016	<0.2	10	40
560980		0.07	0.992	0.2	55	73
560981		2.87	0.034	<0.2	22	51



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Page: 1
 Finalized Date: 7-MAR-2008
 Account: ALEMEN

CERTIFICATE VO08021942

Project: MATACHEWAN
 P.O. No.: MAT-08-6A (M)
 This report is for 40 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 21-FEB-2008.
 The following have access to data associated with this certificate:
 EDDY CANOVA ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

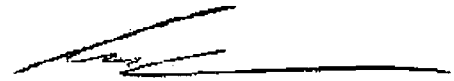
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ALEXANDRIA MINERALS CORP.
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Signature:


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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08021942

Sample Description	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
	Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Zn ppm
Method Analyte Units LOR	0.02	0.005	0.05	0.2	1	1
560982	3.28	0.010		<0.2	31	31
560983	3.38	0.010		<0.2	32	33
560984	3.17	0.007		<0.2	39	32
560985	3.34	0.008		<0.2	38	34
560986	3.05	0.011		<0.2	45	36
560987	2.14	0.010		<0.2	55	35
560988	2.74	0.007		<0.2	48	43
560989	2.93	<0.005		<0.2	23	44
560990	3.01	0.005		<0.2	50	48
560991	3.16	0.009		<0.2	43	45
560992	3.55	0.011		<0.2	14	41
560993	3.03	0.014		<0.2	24	44
560994	3.22	0.018		<0.2	20	43
560995	3.06	0.006		<0.2	24	49
560996	3.37	0.005		<0.2	23	49
560997	3.08	0.011		<0.2	31	55
560998	2.99	<0.005		<0.2	61	52
560999	0.29	<0.005		<0.2	3	47
561000	0.07	6.59	7.27	0.9	116	90
590651	3.17	0.018		<0.2	18	80
590652	3.16	0.008		<0.2	23	60
590653	2.90	0.006		<0.2	34	62
590654	2.77	<0.005		<0.2	36	75
590655	3.28	<0.005		<0.2	38	84
590656	3.06	0.014		<0.2	56	93
590657	3.35	0.016		<0.2	58	96
590658	3.23	0.031		0.4	63	105
590659	3.17	0.005		<0.2	45	88
590660	0.07	1.025	0.96	<0.2	57	70
590661	3.04	0.049		<0.2	29	89
590662	3.30	<0.005		<0.2	26	63
590663	3.12	<0.005		<0.2	26	79
590664	0.29	<0.005		<0.2	38	43
590665	3.26	0.009		<0.2	42	94
590666	3.23	<0.005		<0.2	21	109
590667	3.46	0.006		<0.2	70	106
590668	1.75	0.009		<0.2	115	100
590669	3.22	0.007		<0.2	38	149
590670	3.31	0.009		<0.2	26	81
590671	3.18	0.010		<0.2	56	64



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Page: 1

Finalized Date: 9-APR-2008

Account: ALEMEN

CERTIFICATE VO08032850

Project: MATACHEWAN

P.O. No.: MAT-08-08 (A)

This report is for 55 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 17-MAR-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
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Signature: 

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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08032850

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Cu %	Zn ppm
		0.02	0.005	0.05	0.2	1	0.01	1
590907		3.08	<0.005		<0.2	38		135
590908		0.32	<0.005		<0.2	1		53
590909		3.37	<0.005		<0.2	49		94
590910		2.89	0.010		<0.2	9		103
590911		3.49	0.007		<0.2	15		132
590912		3.11	0.010		<0.2	13		120
590913		2.42	0.010		<0.2	11		124
590914		3.12	<0.005		<0.2	3		66
590915		3.12	<0.005		<0.2	5		79
590916		3.06	0.006		<0.2	27		162
590917		2.50	0.008		<0.2	54		115
590918		3.18	0.008		<0.2	18		103
590919		3.26	0.006		<0.2	70		142
590920		0.07	0.957		<0.2	55		76
590921		3.89	0.014		<0.2	532		131
590922		3.30	0.013		<0.2	9		111
590923		3.13	0.005		<0.2	93		100
590924		2.63	0.005		<0.2	19		62
590925		3.24	0.015		0.2	6		95
590926		3.03	0.009		<0.2	4		85
590927		2.07	0.013		<0.2	4		97
590928		1.64	0.016		0.3	4		101
590929		3.14	0.028		<0.2	26		55
590930		3.16	0.067		<0.2	5		60
590931		3.39	0.017		<0.2	16		52
590932		2.98	0.007		0.3	7		71
590933		0.50	<0.005		<0.2	<1		40
590934		3.01	0.007		<0.2	4		87
590935		3.57	0.005		<0.2	8		48
590936		3.01	0.010		<0.2	8		45
590937		3.15	0.007		<0.2	9		68
590938		3.40	0.015		<0.2	4		67
590939		3.38	0.087		<0.2	9		90
590940		0.07	2.81	2.90	4.4	>10000	1.56	111
590941		3.32	0.154		<0.2	21		109
590942		2.92	<0.005		0.2	9		165
590943		1.65	<0.005		<0.2	9		163
590944		3.15	0.095		<0.2	7		186
590945		3.00	0.130		<0.2	6		84
590946		3.92	<0.005		<0.2	52		57



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Account: ALEMEN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08032850

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Cu %	Zn ppm
		0.02	0.005	0.05	0.2	1	0.01	1
590947		3.85	0.009		0.2	83		65
590948		0.27	<0.005		0.3	1		44
590949		3.64	0.010		0.7	39		60
590950		3.36	<0.005		<0.2	18		81
590951		3.60	<0.005		<0.2	58		51
590952		3.67	<0.005		<0.2	51		58
590953		3.32	0.013		<0.2	272		82
590954		2.71	0.008		0.2	70		78
590955		2.67	0.018		0.2	344		71
590956		3.75	0.011		<0.2	92		63
590957		0.29	<0.005		0.2	2		39
590958		3.57	<0.005		<0.2	41		95
590959		1.46	<0.005		0.4	42		98
590960		0.07	7.09	7.17	1.1	116		96
590961		3.85	0.011		<0.2	139		104



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Account: ALEMIN

CERTIFICATE VO08032859

Project: MATACHEWAN
 P.O. No.: MAT-08-08 (B)
 This report is for 17 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 19-MAR-2008.
 The following have access to data associated with this certificate:

EDDY CANOVA	ERIC OWENS
-------------	------------

SAMPLE PREPARATION

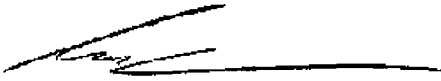
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08032859

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt. kg	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.2	1	1
590962		4.06	0.005	<0.2	44	61
590963		3.57	<0.005	<0.2	50	48
590964		3.76	<0.005	<0.2	113	80
590965		3.44	0.006	<0.2	39	58
590966		3.45	0.006	<0.2	50	83
590967		1.64	0.005	<0.2	58	77
590968		3.91	0.006	<0.2	99	131
590969		3.71	<0.005	0.3	66	323
590970		3.66	0.006	<0.2	14	119
590971		3.16	0.011	<0.2	3	84
590972		3.58	0.005	0.4	13	78
590973		3.79	<0.005	<0.2	3	78
590974		3.89	0.006	<0.2	60	122
590975		3.21	0.011	<0.2	31	87
590976		3.65	<0.005	<0.2	13	86
590977		3.57	0.007	<0.2	7	149
590978		3.77	0.006	<0.2	90	137



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CERTIFICATE VO08035884

Project: MATACHEWAN

P.O. No.: MAF-08-08G

This report is for 4 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 25-MAR-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08035884

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	Ag-AA45 Ag ppm 0.2	Cu-AA45 Cu ppm 1	Zn-AA45 Zn ppm 1
590979		3.73	0.011		<0.2	19	99
590980		0.07	1.015	1.04	0.2	56	70
590981		3.23	0.010		<0.2	15	103
590982		3.50	0.012		<0.2	6	86



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Account: ALEMIN

CERTIFICATE VO08045572

Project: MATACHEWAN

P.O. No.: MAT-08-08

This report is for 39 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14-APR-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.


ATTN: EDDY CANOVA

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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08045572

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.005	0.05	0.2	1	1
590983		4.01	0.017		<0.2	17	96
590984		3.52	0.009		<0.2	77	124
590985		3.95	0.019		<0.2	71	79
590986		3.42	0.006		<0.2	41	100
590987		3.28	0.020		<0.2	33	93
590988		1.99	0.037		<0.2	56	97
590989		3.71	0.155		<0.2	13	82
590990		3.23	0.006		<0.2	35	95
590991		3.77	0.027		<0.2	56	91
590992		3.76	0.019		<0.2	38	100
590993		0.68	0.452		<0.2	30	60
590994		3.34	0.040		<0.2	24	84
590995		2.91	<0.005		<0.2	13	68
590996		3.56	0.012		<0.2	14	78
590997		2.64	<0.005		<0.2	29	73
590998		3.38	<0.005		<0.2	20	74
590999		3.47	<0.005		<0.2	10	82
591000		0.07	7.09	7.55	1.1	116	92
590001		2.72	0.006		<0.2	30	81
590002		1.45	<0.005		<0.2	29	79
590003		2.73	<0.005		<0.2	35	91
590004		3.31	0.005		<0.2	25	83
590005		3.03	<0.005		<0.2	4	116
590006		3.15	<0.005		<0.2	34	111
590007		3.54	<0.005		<0.2	60	156
590008		3.35	<0.005		<0.2	90	141
590009		0.70	0.640		<0.2	14	57
590010		2.77	<0.005		<0.2	120	143
590011		3.21	0.009		<0.2	83	175
590012		3.00	<0.005		<0.2	42	126
590013		3.35	0.005		<0.2	31	75
590014		3.16	0.005		<0.2	20	84
590015		3.27	0.010		0.3	11	152
590016		3.29	0.016		<0.2	12	131
590017		3.34	0.012		<0.2	9	125
590018		2.97	0.009		<0.2	9	131
590019		2.37	0.009		<0.2	9	78
590020		0.07	7.00	7.39	1.1	120	94
590021		1.80	0.011		<0.2	34	76



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CERTIFICATE VO08050169

Project: MATACHEWAN
P.O. No.: MAT-08-08 (E)
This report is for 7 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 21-APR-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
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Signature: 

Colin Ramshaw, Vancouver Laboratory Manager



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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08050169

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm
		0.02	0.005	0.2	1	1
590022		3.54	0.008	<0.2	25	75
590023		3.32	0.017	0.2	8	135
590024		3.27	0.013	0.2	22	107
590025		3.03	0.011	0.2	32	97
590026		1.53	0.026	0.2	125	99
590027		3.45	0.007	0.2	23	108
590028		3.21	0.018	<0.2	7	102



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Page: 1
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CERTIFICATE VO08051512

Project: MATACHEWAN
P.O. No.: MAT-08-08 (F)
This report is for 19 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 23-APR-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

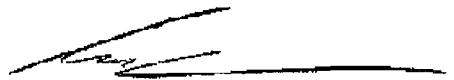
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

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CERTIFICATE OF ANALYSIS VO08051512

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.005	0.05	0.2	1	1
590029		3.31	0.022		0.2	10	113
590030		0.64	0.005		0.2	24	80
590031		3.75	<0.005		<0.2	11	56
590032		3.57	0.018		0.2	14	67
590033		3.50	0.006		0.2	96	74
590034		3.83	<0.005		0.2	67	70
590035		3.39	0.030		0.2	49	71
590036		3.38	0.014		0.2	97	56
590037		3.61	0.009		<0.2	220	46
590038		3.44	<0.005		<0.2	40	36
590039		3.36	0.015		0.2	9	26
590040		0.07	1.035	NSS	0.3	53	73
590041		3.47	0.012		0.2	11	17
590042		3.45	0.014		0.3	11	63
590043		3.51	0.009		0.2	27	46
590044		3.33	0.008		<0.2	19	94
590045		3.51	0.007		<0.2	18	77
590046		0.61	0.010		0.2	54	66
590047		3.38	0.005		0.3	80	68



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CERTIFICATE OF ANALYSIS VO08051512

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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CERTIFICATE VO08051885

Project: MATACHEWAN
P.O. No.: MAT-08-08 (G)
This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 24-APR-2008.
The following have access to data associated with this certificate:
EDDY CANOVA ERIC OWENS

SAMPLE PREPARATION

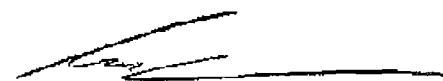
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A)

Finalized Date: 23-MAY-2008

Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08051885

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Cu %	Zn ppm
		0.02	0.005	0.05	0.2	1	0.01	1
590048		3.58	0.009		<0.2	18		68
590049		3.17	0.007		<0.2	18		72
590050		3.10	0.011		<0.2	17		59
590051		3.00	0.008		<0.2	112		72
590052		1.68	0.008		<0.2	14		66
590053		3.39	0.008		<0.2	36		68
590054		3.53	0.014		<0.2	65		56
590055		3.29	0.006		<0.2	38		39
590056		3.70	0.032		<0.2	19		45
590057		3.13	0.071		<0.2	74		73
590058		3.47	0.010		<0.2	58		83
590059		3.99	0.011		<0.2	53		68
590060		0.07	2.98	2.90	5.1	>10000	1.54	110
590061		3.73	0.008		<0.2	59		63
590062		3.83	0.008		<0.2	54		52
590063		3.79	0.009		<0.2	34		64
590064		3.66	0.009		<0.2	53		68
590065		0.72	0.026		<0.2	10		149
590066		3.49	0.009		<0.2	62		55
590067		2.18	0.014		0.2	205		78



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This copy reported on 3-JUN-2008
Account: ALEMIN

CERTIFICATE VO08051886

Project: MATACHEWAN
P.O. No.: MAT-08-09 (A)
This report is for 18 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 24-APR-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

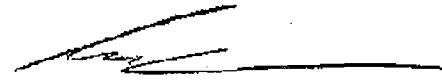
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

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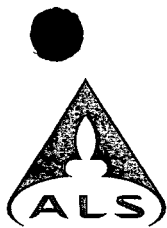
Finalized Date: 30-MAY-2008

Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08051886

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
	Analyte	Recvd Wt.	Au	Au	Ag	Cu	Cu	Zn
	Units	kg	ppm	ppm	ppm	ppm	%	ppm
LOR	LOR	0.02	0.005	0.05	0.2	1	0.01	1
590068		3.63	0.061		0.2	71		108
590069		3.42	0.028		<0.2	83		122
590070		3.16	0.011		0.4	32		90
590071		3.08	0.034		<0.2	16		109
590072		1.33	0.017		<0.2	32		100
590073		3.38	0.006		0.2	54		112
590074		3.57	0.109		0.7	87		123
590075		3.35	0.011		<0.2	51		105
590076		3.60	0.022		<0.2	69		91
590077		3.50	0.056		0.2	73		113
590078		2.39	0.027		0.2	27		63
590079		3.31	0.049		<0.2	43		93
590080		0.07	3.04	2.89	4.8	>10000	1.46	109
590081		3.59	0.024		<0.2	83		100
590082		3.21	0.023		0.2	67		96
590083		3.33	0.007		<0.2	79		97
590084		0.76	<0.005		<0.2	11		30
590085		3.41	0.010		<0.2	47		89



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CERTIFICATE VO08057752

Project:

P.O. No.: MAT-08-09

This report is for 36 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 6-MAY-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

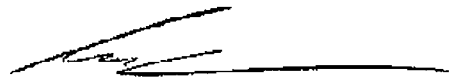
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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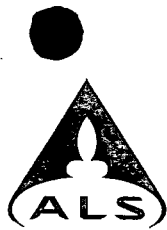
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CERTIFICATE OF ANALYSIS VO08057752

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.005	0.05	0.2	1	1
590086		3.49	0.010		0.2	117	118
590087		3.16	0.009		0.2	53	104
590088		3.23	0.055		0.2	69	107
590089		1.72	0.032		0.5	87	101
590090		3.06	0.050		0.2	45	124
590091		1.49	0.043		0.2	84	136
590092		3.72	0.064		0.3	138	141
590093		3.38	0.052		0.3	49	39
590094		3.06	<0.005		<0.2	46	157
590095		3.44	<0.005		<0.2	28	45
590096		2.95	<0.005		0.2	51	51
590097		3.42	<0.005		0.2	34	52
590098		3.28	0.006		0.2	39	70
590099		2.98	0.006		0.2	45	79
590100		0.07	NSS		1.2	111	95
590101		3.59	0.028		0.2	28	66
590102		3.10	0.103		0.2	30	57
590103		3.37	<0.005		0.2	35	55
590104		3.62	0.006		0.2	25	80
590105		0.78	<0.005		0.3	12	75
590106		3.17	0.005		0.2	47	89
590107		3.85	0.033		0.3	28	84
590108		3.53	0.038		0.2	33	70
590109		3.44	0.007		0.2	39	65
590110		3.46	<0.005		0.3	43	58
590111		1.68	0.009		0.2	46	69
590112		2.92	0.013		0.2	43	78
590113		3.67	0.010		0.2	46	79
590114		3.57	0.013		0.3	33	59
590115		3.54	0.008		<0.2	33	102
590116		3.39	0.007		0.4	44	112
590117		3.52	<0.005		0.3	45	69
590118		3.38	0.005		0.2	34	45
590119		3.68	<0.005		0.5	41	194
590120		0.07	7.34	7.21	1.2	113	92
590121		3.99	<0.005		0.7	40	242



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Page: Appendix 1
Total # Appendix Pages: 1
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CERTIFICATE OF ANALYSIS VO08057752

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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Page: 1
Finalized Date: 5-JUN-2008
Account: ALEMIN

CERTIFICATE VO08059455

Project: MATACHEWAN

P.O. No.:

This report is for 19 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 7-MAY-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
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Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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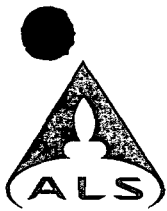
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 Plus Appendix Pages
 Finalized Date: 5-JUN-2008
 Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08059455

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Cu %	Zn ppm
		0.02	0.005	0.05	0.2	1	0.01	1
590122		3.39	<0.005		<0.2	34		49
590123		4.30	0.013		<0.2	26		61
590124		4.18	0.008		<0.2	37		78
590125		3.35	0.006		0.7	74		83
590126		0.59	<0.005		<0.2	4		35
590127		3.50	0.036		0.2	38		75
590128		3.62	0.045		0.6	77		205
590129		3.39	0.008		0.4	40		75
590130		3.47	<0.005		0.2	47		57
590131		3.48	<0.005		0.4	53		96
590132		1.82	<0.005		0.2	51		92
590133		3.53	0.007		0.3	38		42
590134		3.52	0.005		0.2	38		81
590135		3.58	0.018		<0.2	38		91
590136		3.69	0.015		0.2	31		93
590137		3.04	<0.005		0.2	35		95
590138		3.66	<0.005		0.5	67		113
590139		3.33	<0.005		0.3	43		118
590140		0.07	3.03	NSS	5.0	>10000	1.54	117



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Project: MATACHEWAN

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CERTIFICATE OF ANALYSIS VO08059455

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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CERTIFICATE VO08060093

Project: MATACHEWAN
P.O. No.: MAT-08-09 (D)
This report is for 26 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 8-MAY-2008.

The following have access to data associated with this certificate:

EDDY CANOVA	ERIC OWENS
-------------	------------

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

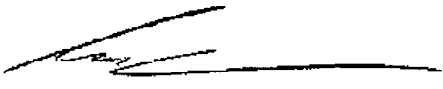
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A)

Finalized Date: 3-JUN-2008

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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08060093

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.05	0.2	1	1
590141		3.37	0.024		0.3	55	138
590142		3.36	0.038		1.4	73	538
590143		3.29	0.008		0.2	45	82
590144		3.62	0.012		0.2	32	153
590145		1.78	0.011		0.2	27	166
590146		3.75	0.016		0.2	37	71
590147		3.39	0.022		0.3	88	71
590148		3.56	0.013		0.2	35	62
590149		3.17	0.040		0.3	58	49
590150		3.10	0.013		0.2	62	60
590151		0.48	0.012		<0.2	59	33
590152		2.16	0.071		0.5	85	65
590153		2.44	0.014		0.3	54	94
590154		3.43	0.020		0.3	53	59
590155		3.59	0.012		0.2	26	54
590156		3.43	0.014		0.2	40	57
590157		3.41	0.010		<0.2	31	52
590158		3.28	0.010		0.2	32	47
590159		3.23	0.011		0.2	57	57
590160		0.07	1.000	0.94	0.3	55	72
590161		3.19	0.008		0.2	17	50
590162		3.38	0.007		0.2	57	51
590163		3.09	0.012		<0.2	67	60
590164		3.47	0.016		0.2	45	64
590165		3.23	0.009		0.2	50	85
590166		1.87	0.008		0.3	38	94



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CERTIFICATE VO08061606

Project: MATACHEWAN
P.O. No.:
This report is for 18 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 8-MAY-2008.
The following have access to data associated with this certificate:

EDDY CANOVA	ERIC OWENS
-------------	------------

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

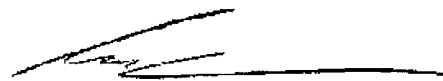
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
1273, 5E RUE
VAL-D OR QC J9P 4A1

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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08061606

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.05	0.2	1	1
590167		3.37	0.041		0.2	28	87
590168		3.27	0.015		0.2	34	68
590169		3.55	0.118		0.6	72	59
590170		2.91	0.030		0.2	41	52
590171		0.66	0.009		0.2	52	46
590172		3.61	0.041		0.2	52	38
590173		3.61	0.211		0.4	62	46
590174		3.52	0.016		0.2	116	79
590175		3.51	<0.005		0.3	133	66
590176		3.40	0.155		0.9	55	205
590177		3.47	0.168		0.5	66	88
590178		3.50	0.126		0.3	56	75
590179		3.60	0.085		0.4	64	95
590180		0.07	7.35	6.86	1.1	119	91
590181		3.49	0.057		0.2	38	46
590182		3.46	0.104		0.3	76	41
590183		3.28	0.116		0.2	65	58
590184		3.14	0.026		0.2	56	42



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CERTIFICATE VO08061614

Project: MATACHEWAN
 P.O. No.: *MAT-08-09 (F)*
 This report is for 19 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 11-MAY-2008.
 The following have access to data associated with this certificate:
 EDDY CANOVA ERIC OWENS

SAMPLE PREPARATION

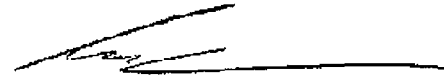
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
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VAL-D OR QC J9P 4A1

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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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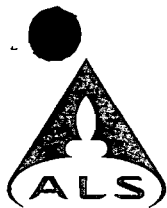
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Plus Appendix Pages
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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08061614

Sample Description	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45	
	Method Analyte Units LOR	Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Zn ppm
		0.02	0.005	0.05	0.2	1	1
590185		3.09	0.028		0.2	70	39
590186		1.50	0.036		0.3	75	46
590187		3.82	0.028		0.3	101	60
590188		3.86	0.064		0.2	148	53
590189		3.77	0.039		0.3	94	49
590190		3.60	0.038		0.2	53	44
590191		3.43	0.042		0.3	35	40
590192		3.87	0.061		0.3	51	45
590193		3.37	0.055		0.3	59	50
590194		3.70	0.054		0.3	48	45
590195		0.60	<0.005		<0.2	3	44
590196		3.81	0.029		0.2	34	52
590197		3.48	0.046		0.3	61	46
590198		3.15	0.073		0.3	82	45
590199		3.34	0.072		0.3	116	45
590200		0.07	1.030	NSS	0.4	58	71
590201		4.26	0.031		0.2	46	36
590202		0.78	<0.005		<0.2	4	44
590203		3.57	0.017		0.3	32	37



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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08061614

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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CERTIFICATE VO08062255

Project: MATACHEWAN
P.O. No.:
This report is for 12 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 12-MAY-2008.
The following have access to data associated with this certificate:
EDDY CANOVA ERIC OWENS

SAMPLE PREPARATION

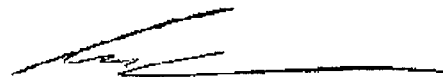
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
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VAL-D OR QC J9P 4A1

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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A)
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Account: ALEMIN

Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08062255

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt. kg	Au ppm	Ag ppm	Cu ppm	Zn ppm
590204		3.75	0.021	<0.2	37	40
590205		3.28	0.025	<0.2	27	52
590206		3.40	0.015	<0.2	52	52
590207		3.36	0.018	<0.2	40	53
590208		2.75	0.028	<0.2	37	53
590209		1.87	0.026	<0.2	43	51
590210		3.42	0.011	<0.2	35	49
590211		3.36	0.010	<0.2	45	53
590212		3.54	0.012	<0.2	24	52
590213		3.82	0.016	<0.2	19	74
590214		3.39	0.010	<0.2	29	56
590215		2.96	0.057	<0.2	59	47



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CERTIFICATE VO08062743

Project: MATACHEWAN

P.O. No.:

This report is for 40 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14-MAY-2008.

The following have access to data associated with this certificate:

EDDY CANOVA

ERIC OWENS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.

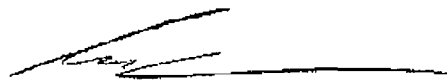
ATTN: EDDY CANOVA

1273, 5E RUE

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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Plus Appendix Pages

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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08062743

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Cu-AA46	Zn-AA45
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Cu ppm	Cu %	Zn ppm
		0.02	0.005	0.05	0.2	1	0.01	1
590216		3.36	0.092		0.3	87		93
590217		3.55	0.068		0.3	202		81
590218		3.56	0.424		0.4	187		77
590219		3.80	0.190		<0.2	75		58
590220		0.06	2.97	NSS	4.6	>10000	1.44	107
590221		3.26	0.013		<0.2	49		46
590222		2.04	0.010		<0.2	25		18
590223		2.37	0.012		0.4	82		19
590224		0.71	<0.005		<0.2	9		41
590225		2.83	0.028		<0.2	59		63
590226		3.38	0.145		0.3	174		57
590227		0.98	0.039		<0.2	41		193
590228		3.47	0.282		0.6	1210		121
590229		3.70	0.130		0.2	94		181
590230		3.17	0.197		<0.2	78		40
590231		3.07	0.104		<0.2	66		102
590232		1.45	0.096		<0.2	61		100
590233		3.04	0.146		<0.2	71		97
590234		3.63	0.027		<0.2	41		59
590235		3.35	0.012		<0.2	34		63
590236		3.32	0.005		<0.2	17		16
590237		3.20	<0.005		<0.2	21		12
590238		3.26	<0.005		0.2	69		74
590239		3.12	0.007		<0.2	21		12
590240		0.07	7.48	NSS	1.0	124		94
590241		3.45	0.015		<0.2	42		29
590242		3.28	<0.005		0.3	8		70
590243		2.68	<0.005		<0.2	4		72
590244		1.37	<0.005		1.2	3		66
590245		3.00	<0.005		<0.2	8		120
590246		3.29	0.014		6.2	14		55
590247		3.04	<0.005		<0.2	25		48
590248		3.33	0.012		<0.2	17		16
590249		3.34	<0.005		0.2	42		45
590250		3.25	0.008		<0.2	58		18
590251		3.44	<0.005		<0.2	17		72
590252		0.64	<0.005		<0.2	2		41
590253		2.93	0.012		<0.2	58		64
590254		3.30	0.009		<0.2	34		104
590255		3.22	<0.005		0.2	19		123



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Project: MATACHEWAN

CERTIFICATE OF ANALYSIS VO08062743

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.



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CERTIFICATE VO08063112

Project: MATACHEWAN
 P.O. No.: *MAT-08-09 (I)*
 This report is for 14 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 15-MAY-2008.
 The following have access to data associated with this certificate:

EDDY CANOVA	ERIC OWENS
-------------	------------

SAMPLE PREPARATION

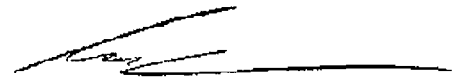
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Aqua Regia Digestion	AAS
Zn-AA45	Trace Zn - aqua regia/AAS	AAS
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Ag-AA45	Trace Ag - aqua regia/AAS	AAS

To: ALEXANDRIA MINERALS CORP.
ATTN: EDDY CANOVA
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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VO08063112

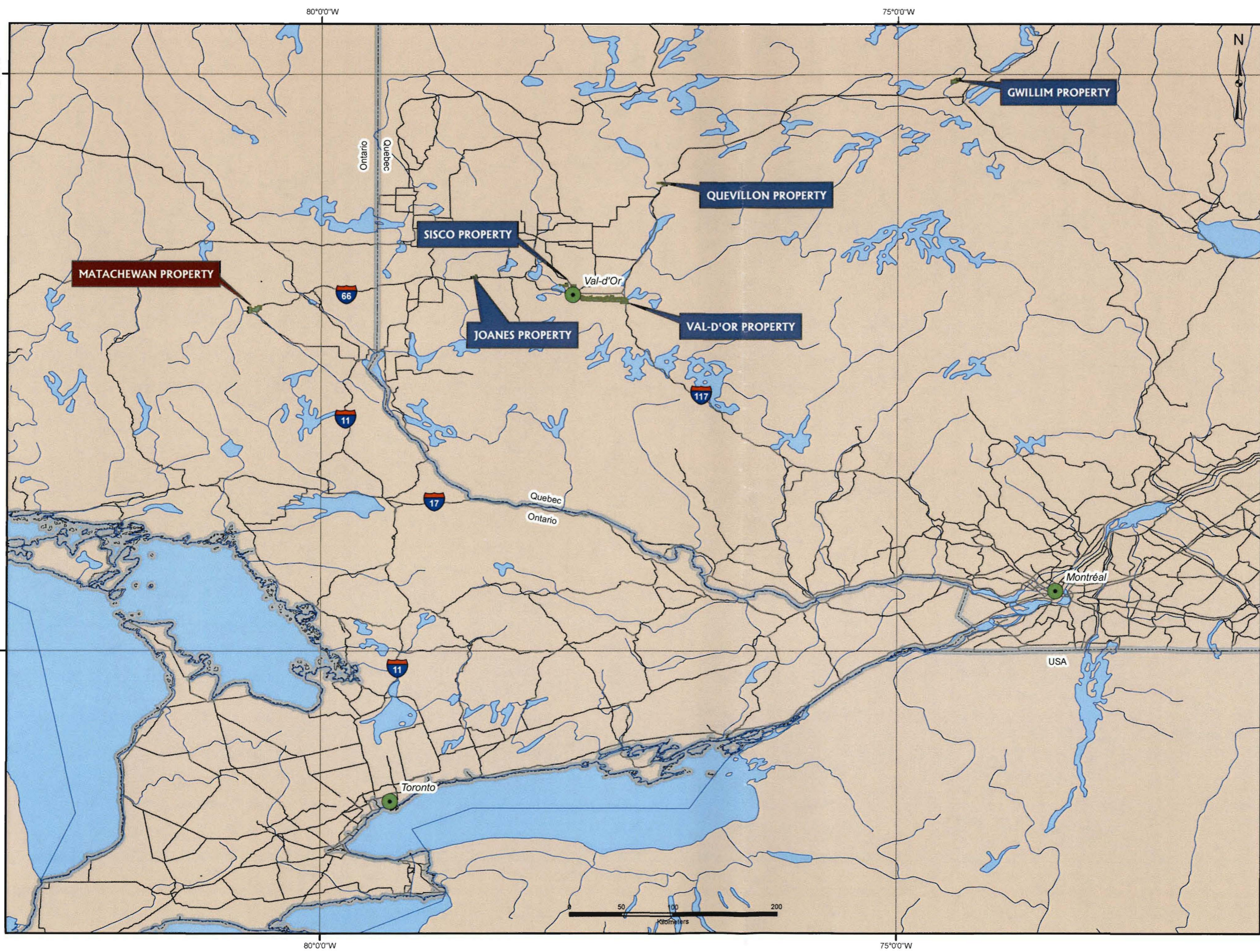
Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	Ag-AA45	Cu-AA45	Zn-AA45
		Recvd Wt.	Au	Au	Ag	Cu	Zn
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.005	0.05	0.2	1	1
590256		3.16	<0.005		0.2	25	25
590257		3.40	0.010		0.2	52	96
590258		3.83	<0.005		0.4	23	124
590259		3.45	0.006		<0.2	30	143
590260		0.07	1.050	0.98	0.2	52	68
590261		3.10	0.005		<0.2	22	132
590262		3.26	0.026		0.4	16	81
590263		2.25	0.006		0.3	34	207
590264		3.08	0.020		0.4	79	206
590265		3.63	0.020		<0.2	53	165
590266		3.82	0.010		0.2	41	102
590267		3.19	0.013		<0.2	23	103
590268		2.82	0.011		0.2	56	50
590269		2.16	0.011		0.2	35	61

APPENDIX III

Surface Maps

MATACHEWAN PROPERTY

GENERAL MAP



Legend

- City
- Property limit
- ⬮ Principal Road
- ▭ Province boundary

Projection GCS North American 1983 CSRS98

APPROVED EDDY CANOVA, geo	DRAWING BY FRÉDÉRIC VINCENT	DATE 2009/09/30
------------------------------	--------------------------------	--------------------

MATACHEWAN PROPERTY

LOCALISATION MAP
Source: BNDT data 250k

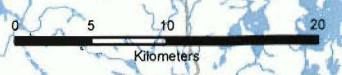
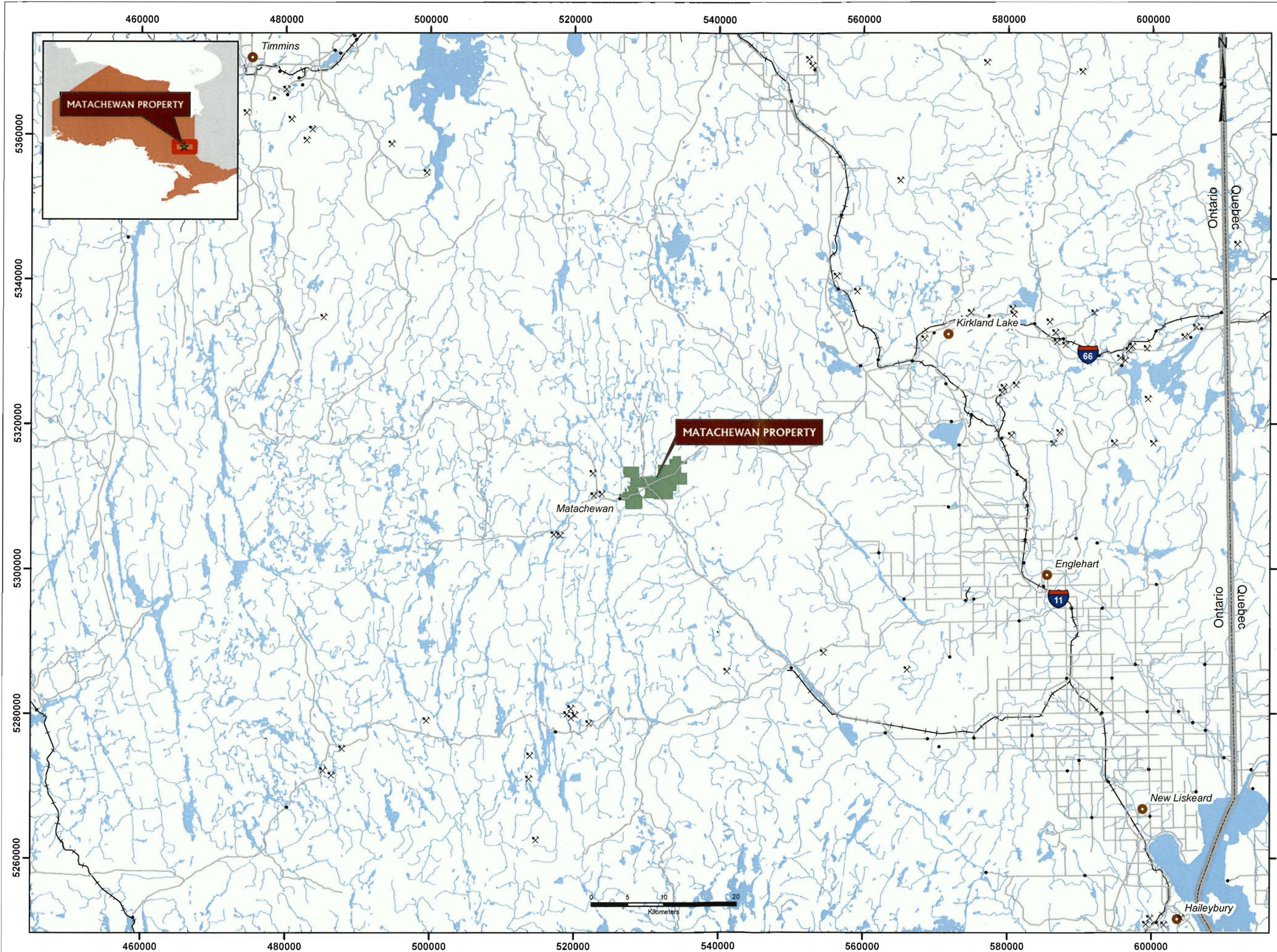
Legend

- Urban zone
- Principal city
- Village
- Mineral extraction zone
- Provinces
- Railroad
- Principal Road
- Property limit
- River
- Lake

SCALE: 1:500 000 NTS: 41P15

APPROVED: EDDY CANOVA, geo	DRAWING BY: FRÉDÉRIC VINCENT	DATE: 2009/08/14
-------------------------------	---------------------------------	---------------------

Projection NAD 83 UTM zone 17



MATACHEWAN PROPERTY

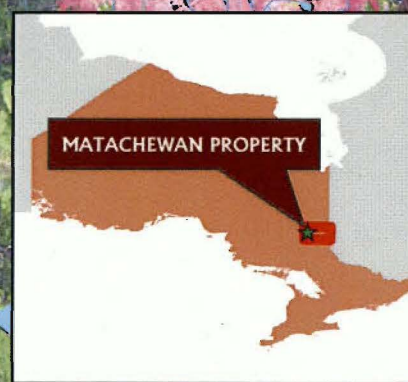
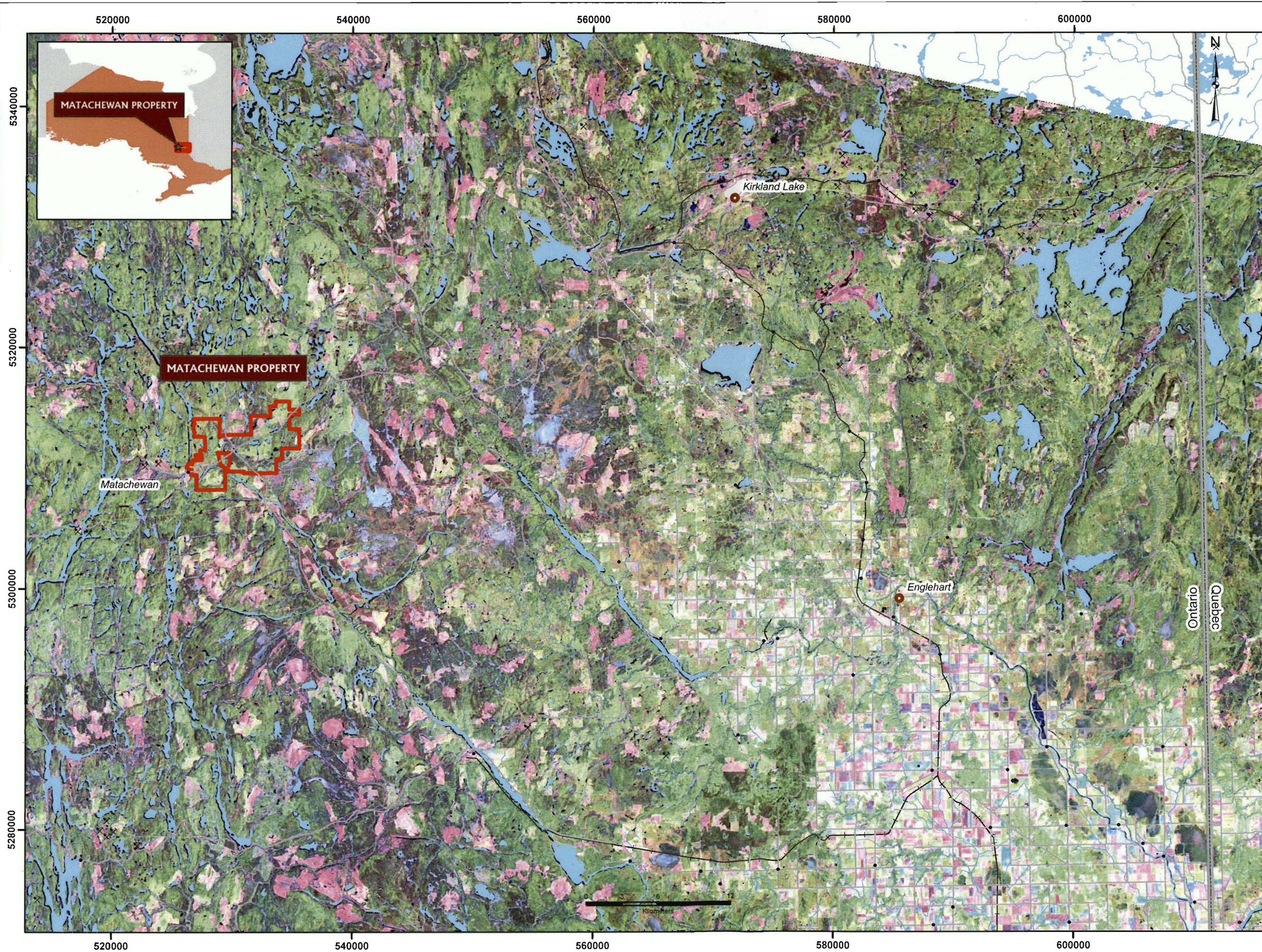
SATELLITE MAP
Source: Landsat 7

Legend

- Village
- × Mineral extraction zone
- ▭ Provinces
- Principal city
- +— Railorad
- Principal Road
- ▭ Property limit
- River
- Lake
- Urban zone

SCALE: 1:300 000	NTS: 41P15	
APPROVED: EDDY CANOVA, geo	DRAWING BY: FRÉDÉRIC VINCENT	DATE: 2009/08/14

Projection NAD 83 UTM zone 17



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520000 540000 560000 580000 600000

5340000
5320000
5300000
5280000

5340000
5320000
5300000
5280000

Kirkland Lake

Englehart

Matachewan

Ontario
Quebec

0 3 6 12
Kilometers

MATACHEWAN PROPERTY

TOPOGRAPHY MAP
Source: BNDT data 50k

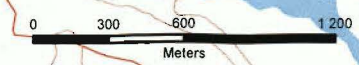
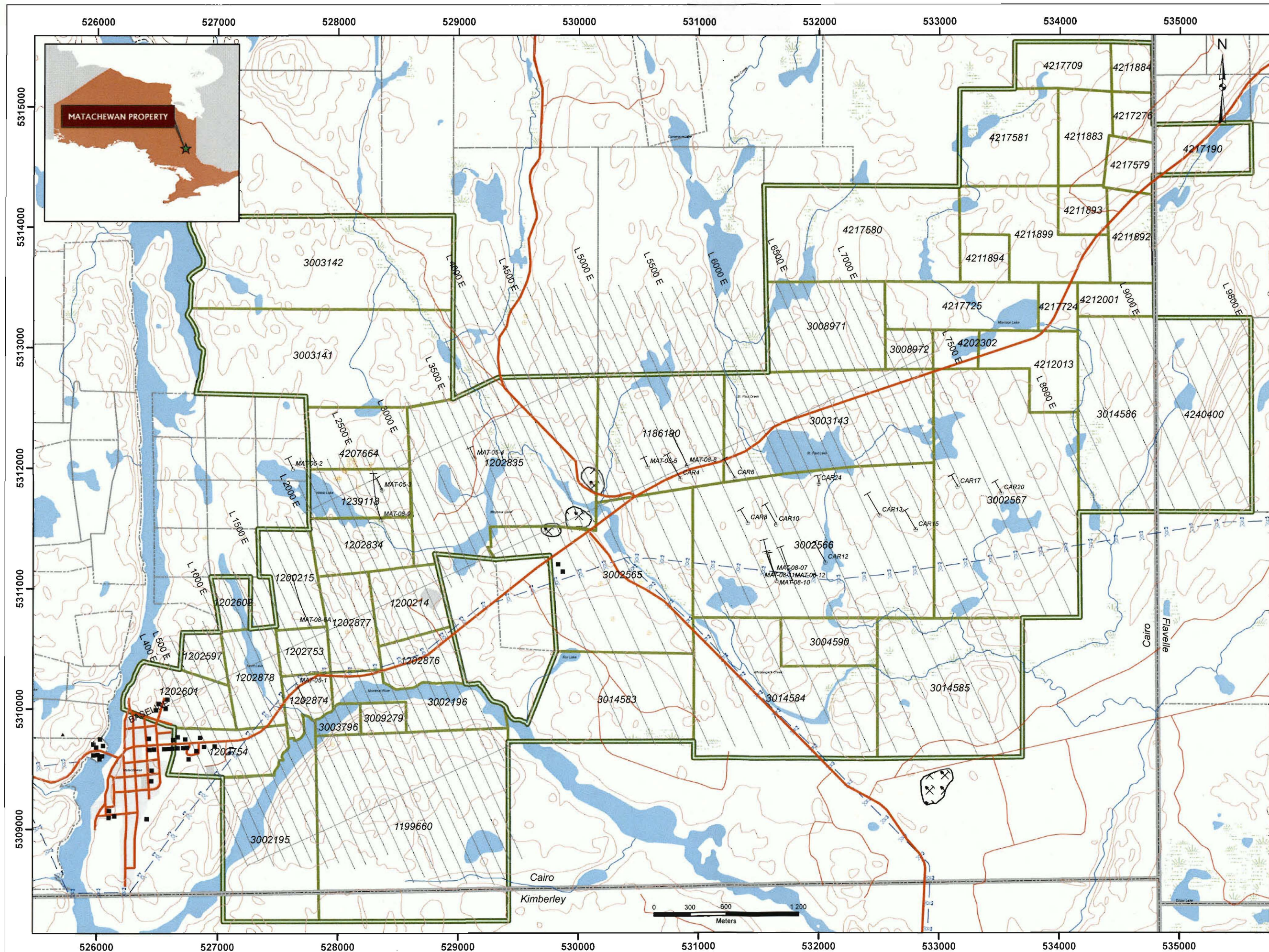
Legend

- Drillhole
- Historical drillhole
- Building
- Tower
- Mineral extraction zone
- Topography
- Railroad
- Transmission line
- Bridge
- Principal Road
- Secondary road
- Trail
- River
- Grid
- Township
- Property limit
- Alexandria Claims
- Other cie claims
- Lake
- Agglomeration
- Building
- Other municipality area
- Swamp
- Mineral extraction zone

SCALE: 1:30 000 NTS: 41P15

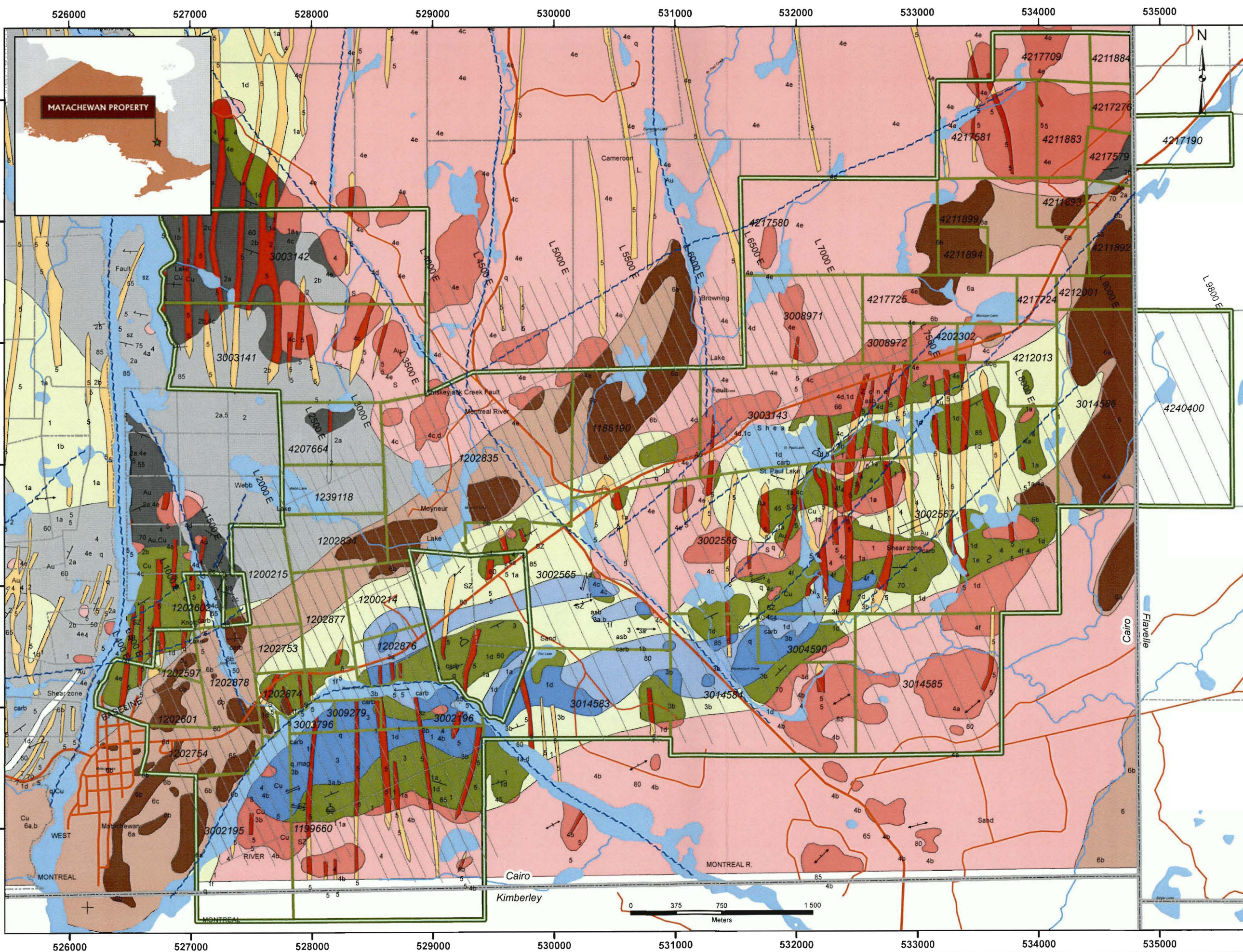
APPROVED: EDDY CANOVA, geo DRAWING BY: FREDERIC VINCENT DATE: 2009/08/14

Projection NAD 83 UTM zone 17



MATACHEWAN PROPERTY

GEOLOGY MAP
Source: Map 2110
Powel and Cairo Township
Ontario Department of Mines



Legend

- Strike, shear etc.
- - - - - Fault
- Grid
- Cantons
- Property limit
- Other cie claims
- Road
- River
- Lake

**HURONIAN
COBALT GROUP**

- Gowganda Formation
 - 6a Argillaceous and arkosic quartzite
 - 6b Conglomerate
 - 6c Argillite
 - 6d Arkose

ARCHEAN

MAFIC INTRUSIVE ROCKS

- (Matachewan)
 - 5 Diabase, undifferentiated

SILICIC INTRUSIVE ROCKS

- (Algomian)
 - 4a Granite
 - 4b Granodiorite and granitic gneiss
 - 4c Syenite
 - 4d Mafic syenite and lamprophyre
 - 4e Syenite porphyry and coarse-grained syenite
 - 4f Quartz diorite and diorite

**ULTRAMAFIC AND MAFIC
INTRUSIVE ROCKS**

- (Haileyburian)
 - 3a Serpentinite
 - 3b Diorite

SEDIMENTARY ROCKS

- (Timiskaming)
 - 2a Conglomerate
 - 2b Greywacke, interbedded argillite and quartzite
 - 2c Arkose

VOLCANIC ROCKS

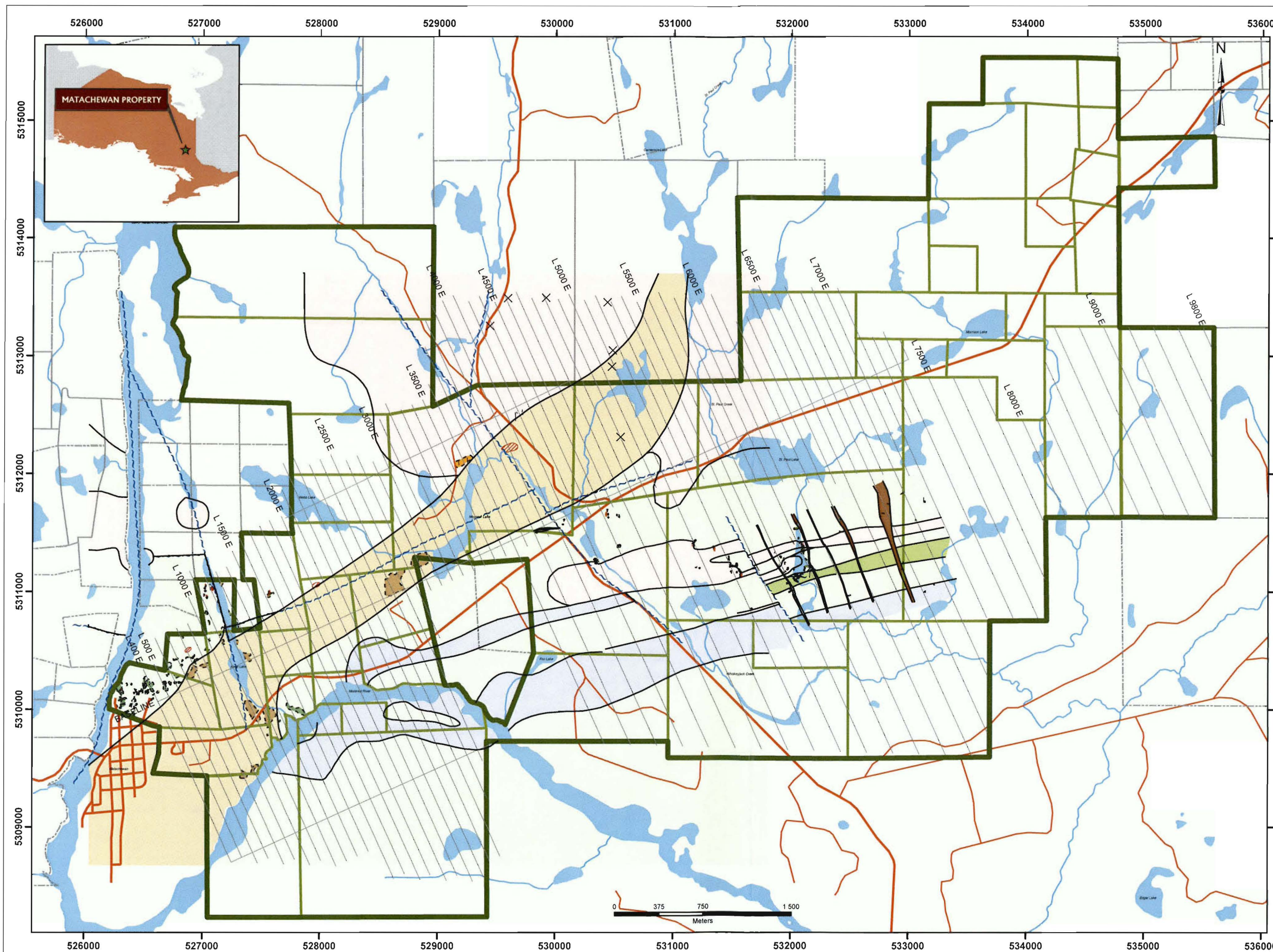
- (Keewatin)
 - 1a Basalt and andesite
 - 1b Bleached, silicified and sericitized volcanic rocks
 - 1c Andesite porphyry
 - 1d Tuff (banded, and massive types)
 - 1e Agglomerate
 - 1f Rhyolite and dacite
 - 1g Carbonatized and amygdaloidal rocks
 - 1h Amphibolite

SCALE: 1:30 000	NTS: 41P15
APPROVED: EDDY CANOVA, geo	DRAWING BY: FRÉDÉRIC VINCENT
	DATE: 2009/09/14

Projection NAD 83 UTM zone 17

MATACHEWAN PROPERTY

LOCAL GEOLOGY MAP



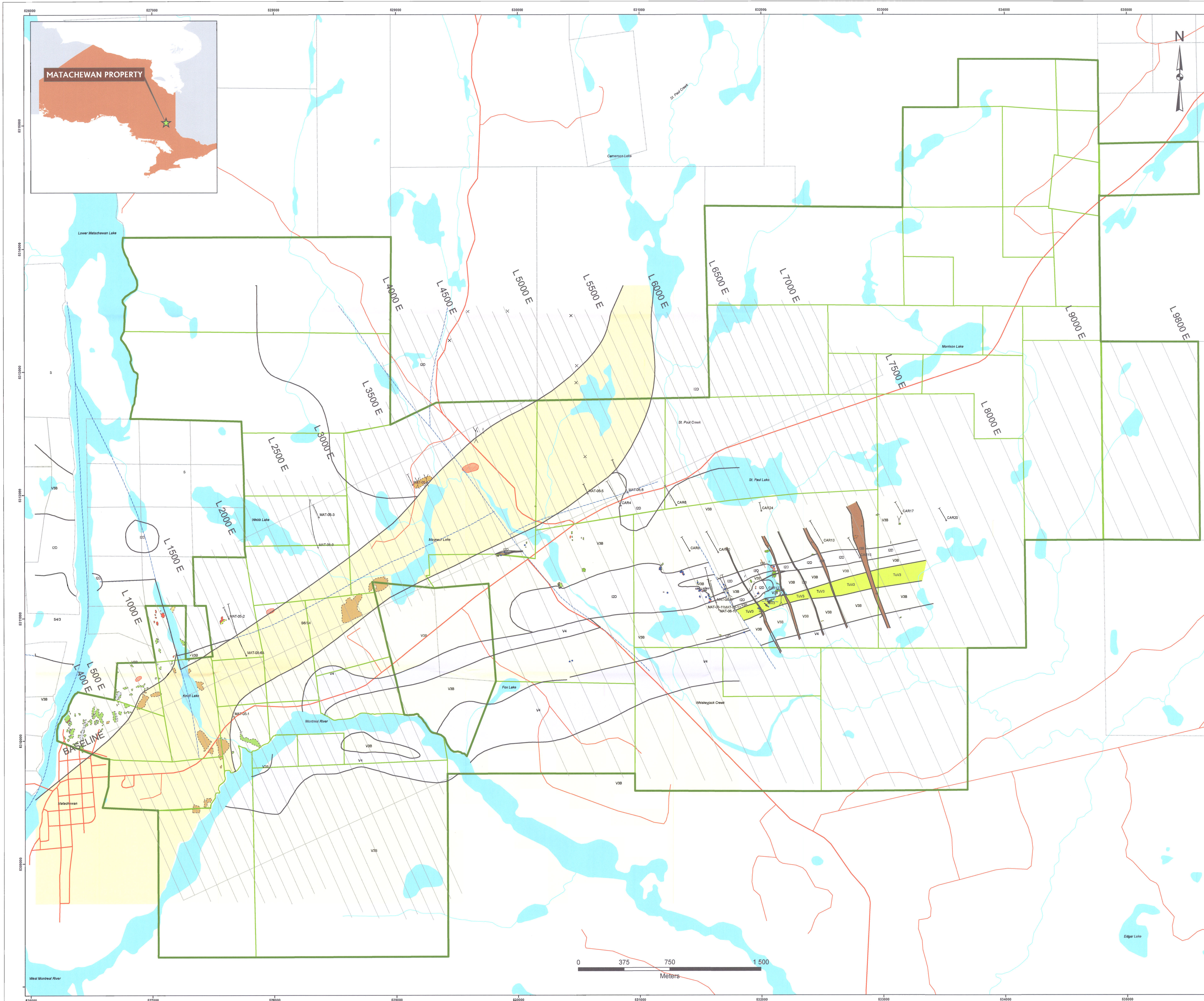
Legend

- × Small Outcrop
- Contact
- Grid
- Trench
- Fault
- ▭ Property limit
- Road
- River
- Lake
- ▨ Au in soil > 1 g/t
- ▭ Outcrop
 - ▭ Green Carbonate Alteration
 - ▭ Diabase
 - ▭ Mafic Volcanic
 - ▭ Pyrite
 - ▭ Cairo Stock
 - ▭ Proterozoic Sediments
 - ▭ Sediment
- Geology interpretation
 - I2D - Syenite
 - I3A - Gabbro
 - I3B - Diabase
 - S - Sediments
 - S4/3 - Wackes, Conglomerate
 - S6/S4 - Argillite, Conglomerate
 - TuV3 - Mafic Tuffs
 - V3B - Basalts
 - V4 - Ultramafic Flows Komatiite

SCALE: 1:30 000	NTS: 41P15
APPROVED: EDDY CANOVA, geo	DRAWING BY: FRÉDÉRIC VINCENT
DATE: 2009/09/14	
Projection NAD 83 UTM zone 17	

MATACHEWAN PROPERTY

LOCAL GEOLOGY MAP



Legend

Au Results

- 10 et +
- 5 - 9.999
- 3 - 4.999
- 2 - 2.999
- 1.5-1.999
- 1-1.499
- 0.7-0.999
- 0.5 - 0.699
- 0.01 - 0.499
- × Small Outcrop

Other Symbols

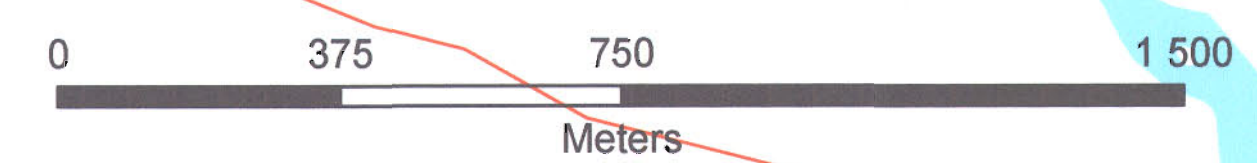
- Contact
- Grid
- Trench
- Fault
- Drillhole
- Property limit
- Road
- River
- Lake
- Au in soil > 1 g/t

Outcrop

- Green Carbonate Alteration
- Diabase
- Mafic Volcanic
- Pyrite
- Cairo Stock
- Proterozoic Sediments
- Sediment

Geology interpretation

- I2D - Syenite
- I3A - Gabbro
- I3B - Diabase
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- S4/3 - Wackes, Conglomerate
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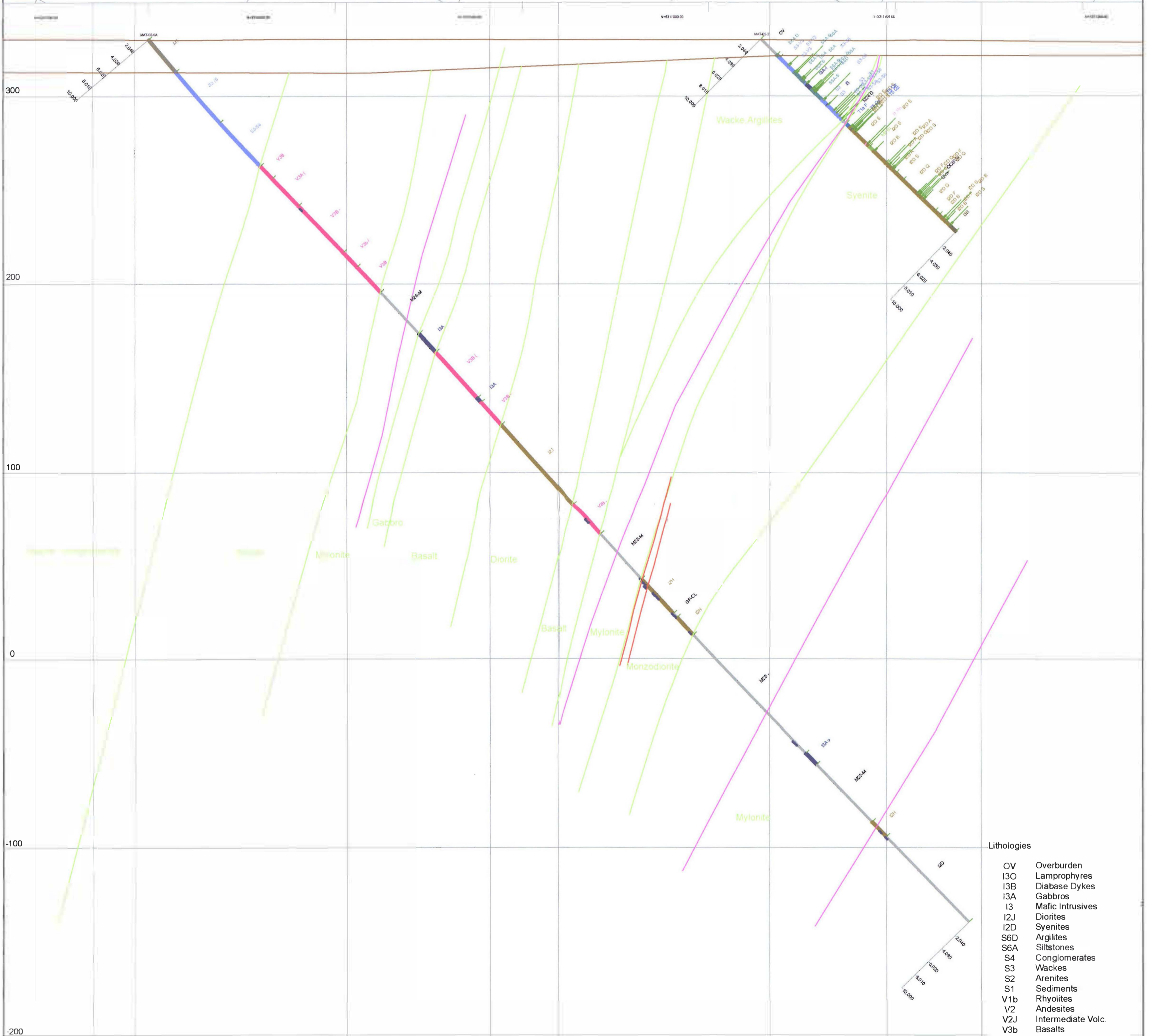
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	DATE: 2009/10/26

Projection NAD 83 UTM zone 17

DDH MAT-08-6A & MAT-05-2

3-12-2014

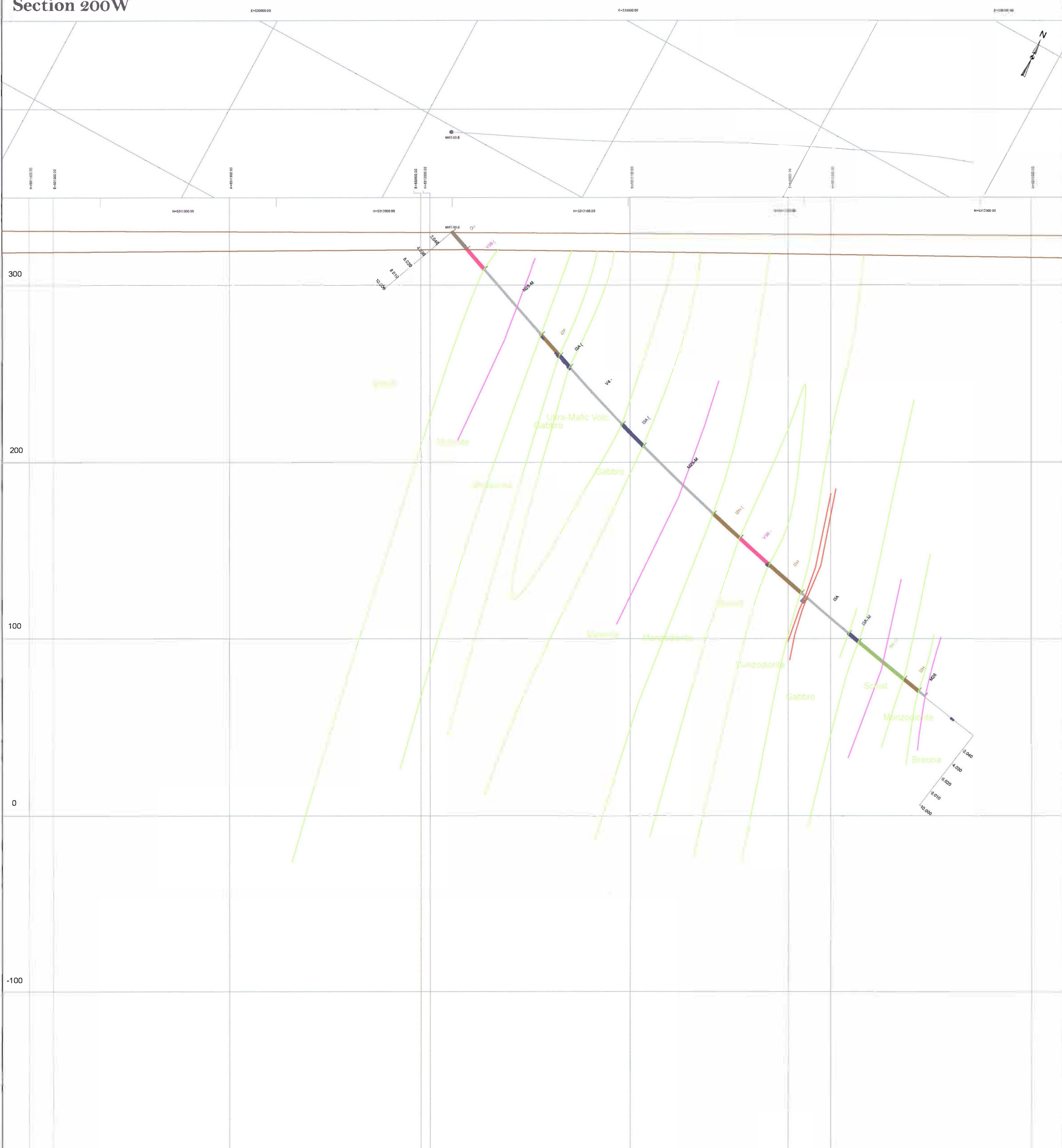
E-47100 50



- Lithologies**
- OV Overburden
 - I3O Lamprophyres
 - I3B Diabase Dykes
 - I3A Gabbros
 - I3 Mafic Intrusives
 - I2J Diorites
 - I2D Syenites
 - S6D Argillites
 - S6A Siltstones
 - S4 Conglomerates
 - S3 Wackes
 - S2 Arenites
 - S1 Sediments
 - V1b Rhyolites
 - V2 Andesites
 - V2J Intermediate Volc.
 - V3b Basalts
 - V3 Mafic Volcanic
- Symbols**
- MAT-05-01 Drill Hole Collar
 - Shear - Fault
 - Geological Contact (Confirmed, interpreted)

ALEXANDRIA <small>Minerals Corporation</small>		
Matachewan property Cairo Township, Matachewan, Ontario Kirkland Lake district		
DDH MAT-08-6A & MAT-05-2		
Interpretation: EO Revised by: EC Drafted by: EC	NTS 41P15	Scale: 1:1 500

Section 200W



- Lithologies**
- OV Overburden
 - I3O Lamprophyres
 - I3B Diabase Dykes
 - I3A Gabbros
 - I3 Mafic Intrusives
 - I2J Diorites
 - I2D Syenites
 - S6A Argillites
 - S6A Siltstones
 - S4 Conglomerates
 - S3 Wackes
 - S2 Arenites
 - S1 Sediments
 - V1b Rhyolites
 - V2 Andesites
 - V2J Intermediate Volc.
 - V3b Basalts
 - V3 Mafic Volcanic
- Symbols**
- MAT-05-01 Drill Hole Collar
 - Shear - Fault
 - Geological Contact (Confirmed, interpreted)

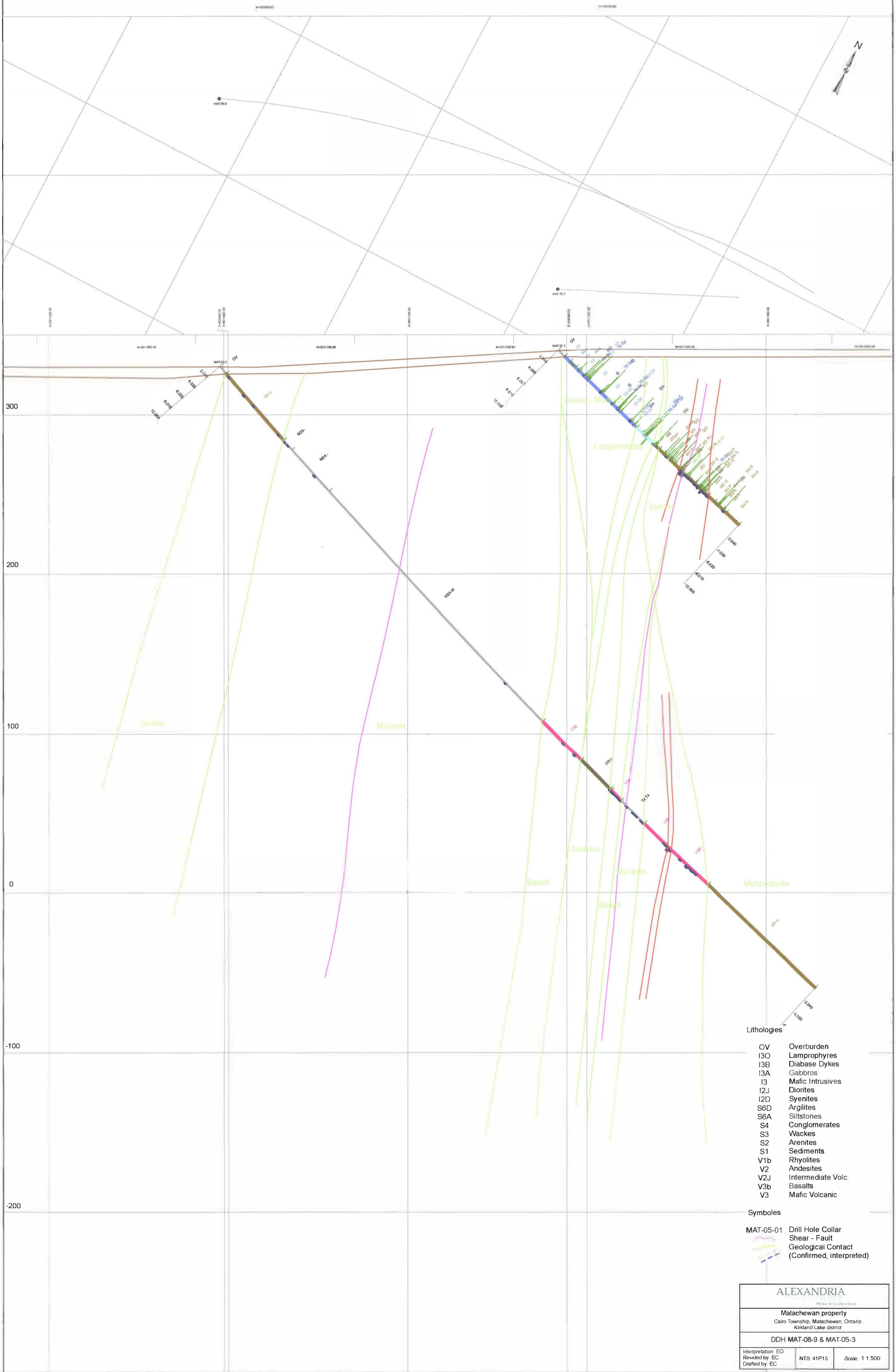
ALEXANDRIA
Minerals Corporation

Matachewan property
Cairo Township, Matachewan, Ontario
Kirkland Lake district

Section 200W / MAT-08-8

Interpretation: EO	NTS: 41P15	Scale: 1:1500
Revised by: EC		
Drafted by: EC		

DDH MAT-08-9 & MAT-05-3



- Lithologies**
- OV Overburden
 - I3O Lamprophyres
 - I3B Diabase Dykes
 - I3A Gabbros
 - I3 Mafic Intrusives
 - I2J Diorites
 - I2D Syenites
 - S6D Argillites
 - S6A Siltstones
 - S4 Conglomerates
 - S3 Wackes
 - S2 Arenites
 - S1 Sediments
 - V1b Rhyolites
 - V2 Andesites
 - V2J Intermediate Volc.
 - V3b Basalts
 - V3 Mafic Volcanic
- Symboles**
- MAT-05-01 Drill Hole Collar
 - Shear - Fault
 - Geological Contact (Confirmed, interpreted)

ALEXANDRIA <small>Mining & Geological Services</small>		
Matachewan property Cairo Township, Matachewan, Ontario Kirkland Lake district		
DDH MAT-08-9 & MAT-05-3		
Interpretation: EO	NTS: 41P15	Scale: 1:1500
Revised by: EC		
Drafted by: EC		