A Report on the

Laurion Mineral Exploration Inc.

2007 Diamond Drilling Program

Enid-Massey Project

Enid, Massey and Cote Townships, Ontario

Porcupine Mining Division,

NTS: 42 A/12

By

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1. Summary

During 2007 Laurion Mineral Exploration Inc. (LME) completed 18 diamond drill holes, totaling 2446 m on the Enid-Massey property . The program tested airborne conductors detected by LME's recent AeroTEM helicopter geophysical survey. Host rocks and styles of alteration/deformation indicated potential Ni/Cu/PGM targets in gabbros and volcanogenic massive sulphide (VMS) targets hosted by mafic and felsic volcanics. With the exception of the Cote-Bihar Sector, most of the conductors drilled were explained by massive to near massive sulphides, usually pyrrhotite with lesser amounts of pyrite. The sulphides are typically anomalous in one or more of Cu, Zn, Ni, Ag and Au.

Diamond drilling was carried out on five property Sectors, Argos, Baktrian, Biaz, Cote-Bihar and Santrap. (Map in back pocket). Results on the Argos, Biaz and Baktrian Sectors were not encouraging and no further work is recommended on those Sectors. Drilling on the Cote-Bihar Sector failed to explain two of the airborne conductors and failed to intersect the downward extension of a surface massive pyrrhotite showing. Additional ground geophysical surveying is recommended on the Cote-Bihar Sector to better locate the conductors prior to possible additional diamond drilling. The Santrap Sector continued to produce the most promising results. Many massive sulphide zones, usually enriched in Zn or Cu or both were found associated with the contact area of chloritized rhyolite and variably silicified basalt. Assays included 0.95% Zn over 2.8 m in hole SA-06-02, 0.23% Zn over 8.1 m in SA-06-04, strong Cu values of approximately 0.2% over much of hole SA-06-05 and interesting Au values up to 804 ppb. Additional diamond drilling is recommended of conductors in the vicinity of hole SA-07-05 and in the north-central part of the Santrap Sector.

2. Introduction and Terms of Reference

This is a report of diamond drilling carried out during early 2007 by Laurion Mineral Exploration Inc. on property staked or optioned by LME during 2005 and 2006.

3. Property Description and Location

The Enid-Massey Property is located in Enid, Massey, Cote and Fortune Townships in the Porcupine Mining Division, about 35 km west of Timmins, Ontario (fig. 1). It is bounded by UTM NAD83 coordinates 17U 430000E to 447000E and 5373000N to 5384000N. The property consists of 56 staked mineral claims containing 589 units, or approximately 9535 hectares and 11 contiguous optioned leased mineral claims The property has been divided into sectors for reference purposes. Diamond drilling described in this report was carried out in the Argos, Biaz, Baktrian, Cote-Bihar and Santrap Sectors.

4. Accessibility

Immediately west of Timmins, just west of the Tembec sawmill, a high-speed, all-weather gravel road proceeds northwest from paved highway 101. This main gravel road, commonly known as Mallette Road or Montcalm Mine Road, traverses the Enid-Massey property from about kilometer 31 to kilometer 44. All drill sites reported herein are easily reached year round immediately off Mallette Road or via logging roads off Mallette Road.

Fig. 1 – Property Location

5. History

5.1. Argos Sector:

In 1964, **Magnet Consolidated, Yukeno and New Rouyn Merger Mines Ltd** carried out ground Magnetic, Sharpe SE-200 EM and Ronka Mark IV EM on a portion of 17

claims including the area designated herein as the West Grid of the Argos Sector of LME's property. At least one attractive EM conductor was found and a program of geochemical soil sampling was recommended. There is no indication of further work.

In 1965, **Globe Exploration & Mining Co. Ltd**, carried out soil sampling on the area of LME's present East Grid of the Argos Sector. No geochemical anomalies of interest were reported. They also carried out ground magnetic and EM survey's but did not indicate instrumentation used. Their geophysical surveys were followed by the drilling of 3 diamond drill holes totaling 1500 feet. The core was logged as mainly greywacke with minor granitic rocks. It includes many references to pyrite, pyrrhotite, quartz and chalcopyrite, but no indications of probable concentrations. It appears that only 7 samples were taken for assay. No assay values are shown.

In 2006, **Laurion Gold Inc**., drilled 3 diamond drill holes testing MaxMin II EM anomalies following an AiroTEM airborne geophysical survey. Zn values up to 8530 ppm over 1.0 m were found in the area of a regional mafic/felsic volcanic contact.

5.2. Biaz Sector:

With the exception of Laurion's AeroTEM survey, no previous exploration work was recorded for the Biaz Sector.

5.3. Baktrian Sector:

In 1930 prospector George Sweet optioned claims containing two Cu-Ni showings to **Hollinger Mines**. Hollinger drilled four shallow diamond drill holes, one under the northwestern showing and three under the southeastern showing.

In 1952 **Hollinger** again optioned the property from A. Lepic and E. Gagnon of Timmins, Ontario, and carried out geologic mapping, ground magnetometer surveys and limited trenching.

In 1955 **Dominion Gulf Company** staked the area. During 1955 and 1956 they carried out detailed geologic mapping and ground magnetometer surveying. Authors of both reports concluded that the gabbros in the area had potential for containing sulphide deposits, especially along the contact between the gabbro and the greenstone, and both authors recommended doing an EM survey. There is no indication that EM surveying was done.

In 1965 **Mespi Mines Limited** carried out regional airborne geophysical surveys. An airborne EM survey included the extreme northeast corner of Enid Township, including a portion of the northeast corner of the Baktrian Sector.

In 2006, **Laurion Gold Inc.** carried out MaxMin II and magnetic surveying on the Baktrian Sector and stripped an area approximately 75m by 100m just south of Guppy Lake. The outcrops were sampled in great detail and assayed for base metals and PGM's. Weakly anomalous Au and Ni values and moderately anomalous Cu were found (Tihor, 2007b).

5.4. Santrap Sector:

In 1965, **Mespi Mines Ltd** contracted Canadian Aero Mineral Surveys Limited to fly airborne EM and Magnetics over a portion of northeast Enid Township. The south-central part of the survey overflew LME's Santrap Sector drilling area. The Mespi survey showed only two weak conductors, both of which are located about 900 m east of LME's current drilling. They did not follow up on these conductors.

In 1977, **Noranda Exploration Co. Ltd** drilled two short X-Ray drill holes. Exact location is unknown but is believed to be near current hole SA-06-02. They reported basalt, silicified tuff, felsic porphyries, oxide iron formation and "a few narrow sections display fair conductivity" They found "up to 5% sulphide mineralization, chiefly pyrite with some chalcopyrite". Their drill logs show only two samples assayed, one of which is weakly anomalous in Ag, Cu and Zn.

In 2006, **Laurion Gold Inc.** contracted Aeroquest to fly an AeroTEM EM and Magnetic survey over the entire claim block. A cluster of previously untested weak to moderate conductors were found within the Santrap Sector. This was followed up by ground Mag, MaxMin II EM and I.P. surveys over the eastern part of the anomaly cluster. EM and I.P. anomalies guided the current diamond drill program.

Also, in 2006, **Laurion** diamond drilled five holes to test ground geophysical anomalies coincident with airborne conductors along the regional rhyolite/basalt contact on lines 0E and 200E (Tihor, 2007a). Best assay results were 0.95% Zn over 78.5-81.3 m (2.8 m) in SA-06-02, 0.23% Zn over 96.4-104.5 m (8.1 m) in SA-06-04 and values of 0.2% Cu over much of hole SA-06-05.

6. Geological Setting

6.1. Regional Bedrock Geology and Mineralization:

Regional geology is reported by Wolfe (1970) and Barrie (2000). Supracrustal rocks of the area belong to the Kamiskotia Volcanic Complex (KVC), a bimodal assemblage, including tholeiitic basalts and subordinate basaltic andesites and andesites, and high silica rhyolites. The KVC is intruded by a large layered tholeiitic intrusion known as the Kamiskotia Gabbroic Complex (KGC). The northern part of the KGC is, in turn, intruded by a large, oval shaped granophyric body which may be coeval with the KGC and may be the uppermost, volatile-rich portion of the same body.

Four volcanogenic copper-zinc+/-silver+/-gold deposits, including the Kam-Kotia Mine have been mined from rocks of the KVC.

6.2. Property Bedrock Geology and Mineralization:

Much of the Enid-Massey property is underlain by the northern portion of the Kamiskotia Gabbroic Complex. In this area the KGC consists of Upper Zone mesocumulus and orthocumulus gabbronorites and ferroan gabbronorites (Barrie, 2000). In northeastern Enid township it is common to find coarse grained pegmatoid leucogabbros with frequent massive to near massive clots many centimeters in diameter consisting of magnetite or

ilmenite, or a mixture of the two. Rarely, lensoid concentrations of near massive pyrrhotite contain up to 1.5% combined Cu-Ni (report on detailed prospecting on KGC to follow).

Due to a lack of exploration and large areas covered by swamp or glacial outwash sands, little is know of the volcanic rocks surrounding the KGC. It may be reasonably assumed that the Kamiskotia Volcanic Complex wraps around the north and west portions of the gabbro and may have similar potential for volcanogenic massive sulphide deposits as found in the Kam-Kotia Mine area.

7. 2007 Diamond Drill Program

7.1. Purpose of Drilling Program:

Laurion's recent airborne survey produced 64 priority conductors. The 2007 diamond drill program was designed to begin testing the highest priority targets. Drilling on the Santrap, Biaz and Baktrian Sectors was carried out by Lafreniere Drilling Company between April 15th and May 2nd, 2007. Discovery Drilling Company drilled the Argos and Cote-Bihar Sectors between October 30th and December 13th, 2007.

7.2. Nature and Results of Drilling Program:

Argos Sector

Three diamond drill holes tested airborne conductors.
Hole **AR-07-01** was abandoned when the BW casing broke at 42 m near the overburden/bedrock interface. Hole AR-07-01 was collared at UTM (NAD 83) coordinates 17U 445049E, 5374820N and dipped -45 deg toward azimuth 0deg.
Hole **AR-07-02**, 229 m in length, was collared at UTM (NAD 83) coordinates 17U 444939E, 5374820N. After 25.5 m of overburden, this hole passed, at 132.8 m from black felsic ash tuff into variably silicified black massive basalt. There were scattered moderately anomalous Cu and Zn values with Cu as high as 680 ppm over 1.0 m and Zn up to 2325 ppm over 0.5 m. There were many narrow intersections of massive to near massive pyrrhotite.
Hole **AR-07-03**, 100 m in length, was collared at UTM (NAD 83) coordinates 17U 444799E, 5374870N. This hole was very similar to hole -02, above. Twenty metres of overburden was followed by black felsic ash tuff, passing into silicified black basalt intruded by gabbro and siliceous sills. The section 64.2-66.7 m contained pyrrhotite as stringers, net-textured and narrow massive portions with minor amounts chalcopyrite.

Table 1. Significant Assays (2007) --- Argos Sector

Hole Number	Assays					
	From(m)	To(m)	Au(g/t)	Ag(ppm)	Cu(ppm)	Zn(ppm)
AR-07-	61.2	61.7	12	2.65	328	1893

02						
	61.7	69.1	<5	<2	63	689
	69.1	69.6	8	<2	169	626
	69.6	70.6	<5	<2	680	1261
	70.6	70.9	<5	<2	145	224
	70.9	71.4	<5	<2	152	1020
AR-07-02	79.5	79.9	<5	2.74	376	1556
AR-07-02	85.4	85.9	<5	<2	317	2325
AR-07-02	99.1	99.3	7	<2	386	1782
AR-07-03	64.6	65.7	21	<2	312	1099
	65.7	66.5	6	2.52	1013	2576
	66.5	66.7	10	<2	372	1032
	66.7	67.9	7	<2	85	258
	67.9	68.9	52	3.48	1152	632

Baktrian Sector

Two diamond drill holes, BA-07-01 and -02, followed BeepMat prospecting and MaxMin II EM surveying of two airborne conductors.

Hole **BA-07-01**, 101m in length, was collared at Line 4+00E, 0+00, dipping -45 deg toward azimuth 030 deg. The UTM (NAD 83) coordinates for the collar location are 17U 434917E, 5380395N. This hole cut medium to coarse grained gabbro often containing large amounts of ilmenite and/or magnetite. No significant amount of sulphides was found, nor were there any significantly anomalous precious or base metal values.

Hole **BA-07-02**, 101m in length, was collared at Line 3+00E, 2+55N, dipping -45 deg toward azimuth 030 deg. The UTM (NAD 83) coordinates for the collar location are 17U 434958E, 5380665N. This hole also cut medium to coarse grained gabbro with minor diabase. At 49.5-52.7 m the gabbro was mineralized with scattered bands of very magnetic magnetite, minor ilmenite and trace disseminated pyrite and pyrrhotite. No significantly anomalous assays were received.

Biaz Sector

One 106 m diamond drill hole was completed.
Hole **BI-07-01** tested a weak airborne conductor near the regional contact between gabbro and a later felsic (granophyre ?) intrusion. The hole was collared at 0+50E, 3+15N, dipping -50 deg toward azimuth 210 deg. The UTM (NAD 83) coordinates for

the collar location are 17U 435811E, 5376930N. Hole BI-07-01 cut a complex mixture of hybrid rocks with granitic and aplitic dykes cutting gabbro and minor amounts of mafic volcanics. An interval of 0.5 m of net textured to massive to disseminated pyrrhotite was found at 38.7-39.2m. Minor amounts of pyrite and trace amounts of chalcopyrite were encountered. Best assays are shown in table below.

Table 2. Significant Assays (2007) --- Biaz Sector

Hole Number	Assays						
	From(m)	To(m)	Au(g/t)	Pt(g/t)	Pd(g/t)	Cu(ppm)	Ni(ppm)
BI-07-01	37.9	38.7	14	<5	<5	1070	97
	38.7	39.2	14	<5	<5	1610	1060
BI-07-01	46.5	47.5	10	<5	<5	680	559
	47.5	48.5	2	7	7	491	644
BI-07-01	94.6	94.8	10	<5	<5	461	104
BI-07-01	105.1	105.4	Nil	65	480	772	3250

Cote-Bihar Sector

Seven diamond drill holes were completed totaling 822.3 m. Holes CB-07-01, -02 and -03 attempted to locate the conductive source at depth of a weak airborne anomaly coincident with a surface occurrence of massive pyrrhotite.

Hole **CB-07-01**, 113.8 m in length, was collared at UTM (NAD 83) coordinates 17U 440483E, 5380217N. The hole dipped -45 deg toward azimuth 235 deg. The hole cut diabase, gabbro and then mafic volcanics with trace to few percent disseminated pyrite. No pyrrhotite or massive sulphides of any sort were encountered.

Hole **CB-07-02** was collared in the same location as hole -01, but dipped at -65 deg, in an effort to locate the downward extension of the surface sulphide showing. Hole CB-07-02, 142 m in length, cut only diabase with no significant mineralization.

Hole **CB-07-03**, 65.5 m in length, was drilled from southwest to northeast in another attempt to locate the conductor. This hole was collared at UTM (NAD 83) coordinates 17U 440430E, 5380181N, dipping -45 deg toward azimuth 55 deg. Hole -03 cut mafic volcanics, gabbro and then diabase. Only trace amounts of pyrite were found in the mafic volcanics. No conductive material was found.

Hole **CB-07-04**, 134.5 m in length, was collared at UTM (NAD 83) coordinates 17U 440878E, 5380667N, dipping -45 deg toward azimuth 0deg. The target was a weak airborne conductor, potentially representing a Ni-Cu deposit in gabbro. Various types of weakly to strongly magnetic coarse grained gabbro were found, often containing

unusually deep blue quartz as “eyes” and streaks. No significant precious or base metal values were found nor any explanation for the airborne conductor.
Hole **CB-07-05**, 134.5 m in length was collared in the same location as hole -04, and dipped at -65 deg toward azimuth 0deg. Results were similar to those of hole -04.
Hole **CB-07-06**, 100m in length, was collared at UTM (NAD 83) coordinates 17U 440930E, 5380570N, dipping -45 deg toward azimuth 225 deg. The target was an airborne conductor. Gabbros similar to those in holes -04 and -05 were found with no significant precious or base metal values. The conductor was not explained.
Hole **CB-07-07**, 132 m in length, was collared in the same location as hole -07, dipping at -65 deg toward azimuth 225 deg. Results were the same as in hole -06.

Table 3. Significant Assays (2007) --- Cote-Bihar Sector

Hole Number	Assays							
	From(m)	To(m)	Au(g/t)	Pt(g/t)	Pd(g/t)	Ag(ppm)	Cu(ppm)	Ni(ppm)
CB-07-04	80.5	82	7	<15	<10	<1	615	287
	82	83.6	<5	<15	<10	2	318	146
CB-07-04	119	119.7	11	<15	14	3	823	146
CB-07-05	99	100.5	13	<15	<10	<1	316	221
	100.5	101.9	12	<15	<10	<1	559	372
	101.9	103.5	150	<15	<10	5	418	229
	103.5	105	5	37	<10	<1	331	180
	105	106.1	599	<15	<10	8	353	144
CB-07-05	114	115.5	14	32	<10	2	575	274
	115.5	116.7	19	19	<10	<1	1084	466
	116.7	117.2	23	<15	<10	4	490	530
CB-07-05	130.2	131.7	18	<15	<10	3	528	228
	131.7	133.1	136	<15	<10	3	736	143

Santrap Sector

Drilling expanded on the previous drilling completed in 2006. Best assays from each drill hole are shown in the table below.
Hole **SA-07-01**, 237.5 m in length, was spotted at L 0+00, 4+90N, dipping -50 deg toward azimuth 210 deg. The UTM (NAD 83) coordinates of the collar location are 17U 431445E, 537889N. After 21 m of casing the hole cut interbedded basalt, silicified mafic tuff and felsic tuff. Both horizons of silicified mafic tuff contained massive to net textured pyrrhotite with secondary pyrite.

Hole **SA-07-02**, 190 m in length, was collared at 3+00E, 4+00N, dipping -50 deg toward azimuth 210 deg. The UTM (NAD 83) coordinates of the collar location are 17U 431650E, 5378658N. After 8.5 m of casing the hole intersected interbedded basalt, silicified basaltic tuff and coarse grained felsic pyroclastics. The silicified basaltic tuff contained minor pyrite/pyrrhotite zones with trace amounts of sphalerite.
Hole **SA-07-03**, 152 m in length, was spotted at L 1+00W, 3+50N, dipping -50 deg toward azimuth 210 deg. The UTM (NAD 83) coordinates of the collar location are 17U 431287E, 5378830N. After 10 m of casing the hole cut silicified basalt intruded by a narrow quartz-feldspar porphyry sill. No significant mineralization was encountered.
Hole **SA-07-04**, 200 m in length, was collared at L 1+00E, 5+30N, dipping -50 deg toward azimuth 210 deg. The UTM (NAD 83) coordinates of the collar location are 17U 431560E, 5378887N. After 30 m of casing the hole cut silicified mafic volcanics and felsic ash and lapilli tuffs. A 5 cm wide section of felsic ash tuff carried strong disseminated pyrite and pyrrhotite with minor streaks massive sulphides.
Hole. **SA-07-05**, 160 m in length, was spotted at L 4+00W, 0+80N, dipping -50 deg toward azimuth 210 deg. The UTM (NAD 83) coordinates of the collar location are 17U 430892E, 5378775N. After 4 m of casing, the hole cut diabase and basalt. A chert interbed 0.8 m in width carried multiple narrow zones of stringer to massive pyrrhotite with trace chalcopyrite. A second, 2 cm band of near massive pyrite and pyrrhotite within the basalt also contained minor chalcopyrite.

Table 4. Significant Assays (2007) --- Santrap Sector

Hole Number	Assays						
	From(m)	To(m)	Au(g/t)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
SA-07-01	58.20	59.00	51	1.9	585	47	
SA-07-01	70	70.7	106	1.9	611	67	
	70.7	71.2	27	0.1	216	42	
	71.2	71.9	72	2	1290	27	
SA-07-01	91.4	91.5	2153	1.6	633	20	
SA-07-01	102.2	102.7	24	1.6	1252	29	
SA-07-01	107.55	108.1	Nil	2.8	1270	29	
SA-07-01	145	146	29	2.8	219	2840	
	146	147	216	2.5	140	404	
	147	148	Nil	2.5	296	311	
	148	149	38	2.8	397	403	
	149	150	99	1.6	191	630	

SA-07-01	153	154	Nil	1.2	128	3890	
	154	155	79	1.2	112	3360	
	155	156	75	1.6	130	4150	
SA-07-01	175.4	176	89	1.5	173	1640	
	176	177	103	3.2	751	4780	
	177	177.45	106	2.4	361	6660	
	177.45	179	62	0.7	98	644	
SA-07-01	185	186.5	96	1.6	122	1150	
	186.5	187.2	309	2	361	8910	
	187.2	188.2	117	1.3	190	>10000	1.17
	188.2	189.2	Nil	2	247	4570	
	189.2	190.2	86	0.9	215	1540	
	190.2	191	62	0.7	55	422	
	191	192	Nil	0.8	118	682	
SA-07-01	197	198	3	2	311	1310	
	198	199	137	2.8	479	2570	
	199	200	72	1.5	243	1590	
	200	201	89	1.9	354	691	
	201	202	65	2	326	226	
SA-07-01	206.2	207	3	0.3	32	660	
	207	207.7	65	1.9	253	6240	
	207.7	208.8	7	0.7	42	1680	
	208.8	210	75	1.9	182	3240	
	210	211	62	1.5	71	3480	
SA-07-01	215	216	93	2.4	383	8950	
	216	217	72	1.5	355	4090	
	217	218	86	2	218	885	
	218	219.5	62	1.2	82	484	
SA-07-01	224	224.7	58	0.7	27	529	
	224.7	224.95	79	2	231	6320	
	224.95	225.4	51	0.7	72	1430	
	232	233.4	7	0.7	140	314	
	233.4	234.4	185	1.9	191	4010	
	234.4	235.8	45	0.7	126	61	
	235.8	236.05	75	1.6	204	2760	
	236.05	237	69	1.2	388	67	

SA-07-02	53.6	53.85	161	2	810	1850	
SA-07-02	60.4	61	75	1.7	327	1270	
SA-07-02	67.1	67.4	65	1.3	837	98	
	67.4	68.4	69	0.9	804	78	
	68.4	69.7	72	0.8	644	103	
SA-07-02	112.9	113.55	Nil	2.4	1810	386	
SA-07-04	166.7	167.7	34	0.7	724	37	
SA-07-04	174.5	175.5	291	0.4	699	25	
SA-07-05	91.55	91.77	34	0.2	700	20	
	91.77	92.35	7	0.1	141	26	
	92.35	92.5	14	0.4	706	44	
SA-07-05	104.9	105.6	240	0.3	843	48	
SA-07-05	111.2	112.7	27	0.2	302	25	
	112.7	113.3	24	0.4	568	39	
SA-07-05	137.1	137.9	10	2.3	1490	41	
SA-07-05	140.4	140.6	24	1.6	1190	33	

8. Conclusions and Recommendations

8.1 Argos Sector:

Moderately anomalous copper and zinc values are associated with a regional mafic volcanic / felsic tuff contact. The mafic volcanics are quite silicified. This appears to be a potential VMS host horizon. However, the lack of coarse pyroclastics and scattered, mainly zinc values suggest that this location is distal to any mineralizing vent and the potential for an economic VMS deposit here is minimal. No further work is recommended on the Argos Sector.

8.2 Baktrian Sector:

Although the search on the Baktrian Sector was for Montcalm-type Ni/Cu/PGM deposits, only scattered minor showings of Cu and Ni were found. These holes tested the only significant airborne conductors in the immediate area and results were not encouraging. No further work is recommended for the Baktrian Sector.

8.3 Biaz Sector:

The drill hole on the Biaz Sector tested the only local airborne conductor. Although some anomalous Cu and Ni values were found, the conductor has been adequately tested and no further work is recommended for the Biaz Sector

8.4 Cote-Bihar Sector:

In the vicinity of holes CB-07-01, -02 and -03, a massive pyrrhotite showing was found on the surface with weakly anomalous Cu and Ni values. The three drill holes failed to intersect significant sulphides below the showing. Due to the massive nature of the surface mineralization and its association with gabbro, it is recommended that a mise a la masse survey be carried out to test for a plunge to the massive mineralization in a direction that caused the drill holes to miss. In addition to the mise a la masse survey in this immediate area, a geophysical grid should be cut over the entire Cote-Bihar Sector and MaxMin II and ground magnetic surveying be carried out. All of the drilling on the Cote-Bihar Sector was spotted by GPS directly from airborne survey maps. Potential inaccuracies in placing the conductors on the ground and in spotting the drill sites with GPS may account for failure of the drilling to explain the two strongest airborne conductors.

8.5 Santrap Sector:

The 2007 drilling program continued the program begun in 2006 to test the many airborne conductors associated with a regional mafic/felsic volcanic contact. Zoned VMS-type Cu and Zn mineralization was again found during the present program. Strongly anomalous Cu tends to be hosted by fine to coarse felsic tuffs, whereas high Zn values are found in overlying altered mafic volcanics, often adjacent to quartz-feldspar porphyry sills. The central part of the Santrap Sector, in the vicinity of holes SA-07-01, -02, -03 and -04, has been adequately tested by drilling. However, there are additional conductors to be tested on the south side of Mallette Road, in the vicinity of hole SA-07-05, as well as in the north-central part of the Sector.

9. Certificate of Author's Qualification

I, Leslie Allan Tihor, do hereby certify that:

1) I am a prospector and semi-retired geologist living at P.O. Box 253, 12C Miners Avenue, Schumacher, Ontario, P0N 1G0.

2) I am a graduate of Lakehead University in Thunder Bay, Ontario, with a degree of HBSc in Geology. I also attended 4 years at McMaster University in Hamilton, Ontario in a PhD program in Geochemistry.

3) I have practiced my profession in Mineral Exploration almost continuously since 1977.

4) I am a member of the Porcupine Prospectors and Developers Association and possess Ontario Prospector's License # M25101.

5) I am a member of the Board of Directors of Laurion Mineral Exploration Inc.

6) I have based this report on a review of existing documentation and personal examination of all diamond drill holes.

Signed and dated this 8th day of April, 2008, at Schumacher, Ontario.

Leslie Allan Tihor, HBSc Geology

10. References

Barrie, C.T. 2000. Geology of the Kamiskotia area; Ontario Geological Survey, Study 59, 79 p.

Tihor, L.A. 2007a, A Report on the Laurion Mineral Exploration Inc. 2006 Diamond Drilling Program, Enid-Massey Project. Internal company report.

Tihor, L.A. 2007b, A Report on the Laurion Mineral Exploration Inc. 2006 Stripping and Sampling Program, Baktrian Sector, Enid-Massey Project. Internal company report.

Wolfe, W.J. 1970. Distribution of copper, nickel, cobalt, and sulphur in mafic intrusive rocks of the Kamiskotia-Whitesides area, District of Cochrane; Ontario Department of Mines, Miscellaneous Paper 44, 29 p.

Appendix A.

Diamond Drill Logs

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole AR-07-01 Sheet: 1 of 1

Property	Enid-Massey Property
Location	Argos Sector
Claim	Claim # 4207072
Latitude	445049E
Departure	5374820N
Bearing and dip	0 deg -45
Total Depth	46m BQ core size

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	0.0	-45	n/a

Elev. Collar	
Datum	NAD83
Date Started	30-Oct-07
Date Completed	9-Nov-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample nterval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Ag(g/t)	Cu(%)	Ni(%)	Zn(%)
0	44	OB – Overburden – casing broke and hole abandoned								
44	46	VF1(TUF,SI) – Black Silicified Felsic Tuff								
		-vfg, dk grey to blk, felsic tuff								
		BW casing was sunk to 44m with great difficulty in bouldery esker								
		BQ rods drilled to 46m, just into bedrock								
		NW casing reamed down to 14m to take stress off BW casing								
		BW casing resumed and broke off at about 42m								
		All casing and rods recovered except for 2m BW casing								
		Hole abandoned								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole AR-07-02 Sheet: 1 of 2

Property	Enid-Massey Property
Location	Argos Sector
Claim	Claim # 4207071
Latitude	444939E
Departure	5374820N
Bearing and dip	0 deg -45
Total Depth	229m BQ core size

Core stored on Davidson Tisdale Mine Property

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	0.0	-45	n/a
36	8.9	356.9	-45.7	5718
76	11.8	359.8	-43.3	5671
127	11.4	359.4	-40.4	5699
178	14.7	2.7	-37.6	5661
229	15.4	3.4	-33.8	5663

Elev. Collar	
Datum	NAD83
Date Started	10-Nov-07
Date Completed	16-Nov-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample nterval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Ag(g/t)	Cu(%)	Ni(%)	Zn(%)
			59501	60.2	61.2	<5	<2	54	31	149
0	25.5	OB – Overburden	59502	61.2	61.7	12	2.65	328	101	1893
			59503	61.7	62.7	<5	<2	29	10	83
25.5	132.8	VF1(TUF,SI) – Black Silicified Felsic Tuff	59504	67	67.5	<5	<2	60	21	108
		-vfg, dk grey to blk, felsic tuff, massive to less frequently mod foliated 45-55 deg TCA	59505	67.5	67.65	18	<2	66	17	59
		-commonly thinly bedded vfg ash tuff, less commonly mottled light cream coloured, mass	59506	67.65	69.1	<5	<2	63	27	689
		possibly silicified lapilli tuff or silicified quartz-feldspar porphyry	59507	69.1	69.6	8	<2	169	41	626
		-graded bedding very rare	59508	69.6	70.6	<5	<2	680	73	1261
		-narrow whitish cherty interbeds are common	59509	70.6	70.9	<5	<2	145	101	224
		-may include minor amounts of silicified mafic interflows	59510	70.9	71.4	<5	<2	152	58	1020
		-bedding and weak foliation 45deg TCA	59511	71.4	72.4	<5	<2	51	50	74
		-43.2-45.2m: cluster of narrow lamprophyre dykes, 45-55deg TCA, consisting of light bro	59512	72.4	73.6	<5	<2	41	110	67
		calcite with abundant tiny (<.5cm) variably rounded xenoliths of soft, vfg, black to dk grey	59513	73.6	74.8	<5	<2	37	104	74
		material	59514	74.8	75.3	<5	<2	287	85	525
		-minor local bleaching	59515	75.3	76	<5	<2	59	52	149
		-61-132.8m: many occurrences stringer, net textured & massive pyrrhotite; strongest min	59516	76	77.4	<5	<2	76	42	109
		61.25-61.6: massive to stringer pyrrhotite (po) and minor pyrite (py) with chert	59517	77.4	78.1	6	<2	157	36	137
		69.1-70.6: stringer to thin beds po in cherty tuff; 1mm stringer chalcopyrite (cp)	59518	78.1	79.5	<5	<2	56	20	156
		70.9-71.4: lean stringer to very locally net textured po	59519	79.5	79.9	<5	2.74	376	157	1556
		74.8-75.3: lean stringer to 2cm near massive net textured po	59520	79.9	80.9	<5	<2	24	16	97
		77.4: 1cm wide irregular shaped massive po	59521	84.4	85.4	<5	<2	33	15	51
		77.8-78.1: chert with minor to locally 1cm wide massive po	59522	85.4	85.9	<5	<2	317	69	2325
		79.5-79.9: 40% of section is scattered veins massive po	59523	85.9	86.9	9	<2	104	33	60
		85.4-85.8: strong concentration dissem to stringer po with near massive po at 8	59524	86.9	88.4	<5	<2	63	27	67
		99.1: 2cm wide angular blob massive sphalerite (sp) in minor qtz/calcite vein	59525	88.4	89.9	<5	<2	112	32	425
		119.2-119.6: stringer po with massive po at 120.2-120.25	59526	89.9	91.4	<5	<2	32	27	66
		122.8-123.1: stringer po with massive po at 122.8-122.85	59527	98.6	99.1	31	<2	28	20	119

Interval (meters)		Formation	Sample	Sample nterval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Ag(g/t)	Cu(%)	Ni(%)	Zn(%)
			59528	0	99.3	7	<2	386	71	1782
132.8	229	VM(SI) – Silicified Basalt	59529	99.3	100	<5	<2	36	22	183
		-variably silicified black fine grained massive basalt								
		-medium to very coarse grained gabbro and aplitic, white porphyritic and pink granitic sills	59530	118.2	119.2	<5	<2	38	20	285
		the basalts and comprise on average more than 75% of section. Contacts 45-65deg TCA.	59531	119.2	119.6	<5	<2	145	64	530
		-gabbro is unsilicified from 132.8 to about 196m, then rapidly becoming strongly silicified	59532	119.6	120.6	<5	<2	86	44	589
		-very rare trace po in this unit	59533	120.6	121.8	<5	<2	29	25	172
		-trace amounts of very narrow barren qtz veins	59534	121.8	122.8	<5	<2	53	49	197
			59535	122.8	123.1	<5	<2	51	40	389
		229m: End of hole	59536	123.1	124.1	<5	<2	16	6	74

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Diamond Drill Hole AR-07-03 Sheet: 1 of 1

Property	Enid-Massey Property
Location	Argos Sector
Claim	Claim # 4E+06
Latitude	444799E
Departure	5374870N
Bearing and dip	0 deg -45
Total Depth	100m BQ core size
Core stored on Davidson Tisdale Mine Property	

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	0.0	-45	n/a
50	7.2	365.2	-43.1	5655
100	14.8	2.8	-40.8	5652

Elev. Collar	
Datum	NAD83
Date Started	17-Nov-07
Date Complete	18-Nov-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sampleterval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Ag(g/t)	Cu(%)	Ni(%)	Zn(%)
0	20	**OB** – Overburden	59537	49	50	<5	<2	158	60	653
			59538	50	51	<5	<2	183	112	785
20	67.9	**VF1(TUF,SI)** – Black Silicified Felsic Tuff	59539	51	52	12	<2	42	44	185
		-vfg, dk grey to blk, felsic tuff, massive to less frequently mod foliated 40-55 deg TCA	59540	52	53.1	6	<2	202	75	592
		-thinly bedded, often cherty, vfg ash tuff, not as strongly silicified as hole AR-07-02	59541	53.1	54.6	<5	<2	58	109	157
		-minor sections chert contain tr py and/po +/- rip-up clasts	59542	54.6	56.1	7	<2	166	68	714
		-graded bedding very rare	59543	56.1	57	24	<2	26	17	154
		-may include minor amounts of silicified mafic interflows	59544	61.2	62.2	<5	<2	31	39	107
		-bedding parallels weak to moderate foliation 45deg TCA	59545	62.2	63.2	7	<2	133	32	743
		-tr py in upper part increasing in concentration about 47m and changing to predom po	59546	63.2	64.2	<5	<2	108	37	323
		-49-67.9: many occurrences wispy stringers to locally massive po with tr py and/or cpy:	59547	64.2	64.6	<5	<2	103	49	40
		-49-56.1: scattered stringers po with tr py and cpy	59548	64.6	65.7	21	<2	312	77	1099
		-64.2-64.7: 15-20% stringer to net textured po with trace cpy in cherty tuff	59549	65.7	66.5	6	2.52	1013	176	2576
		-66.5-66.7: massive to near massive po with tr cpy in chert	59550	66.5	66.7	10	<2	372	68	1032
			59551	66.7	67.9	7	<2	85	106	258
67.9	100	**VM(SI)** – Silicified Basalt and Gabbro	59552	67.9	68.9	52	3.48	1152	142	632
		-section is less than 5% silicified vfg massive black basalt, remainder is variably silicified coarse grained								
		gabbro sills with 5% cream coloured aplitic to coarse grained siliceous sills – similar rock assemblage to hole AR-07-02								
		-very rare tr po								
		100m: End of hole								

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Property	Enid-Massey Property
Location	Baktrian L 4+00E, 0+00
Claim	Claim # 4200632
Latitude	434917E
Departure	5380395N
Bearing and dip	-45 Grid North
Total Depth	101m NQ core size
Core stored on Davidson Tisdale Mine Property	

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	30.0	-45	n/a

Diamond Drill Hole	BA-07-01
Elev. Collar	
Datum	NAD83
Date Started	28-Apr-07
Date Completed	30-Apr-07
Drilled by	Lafreniere Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Pt(g/t)	Pd(g/t)	Cu(%)	Ni(%)
0	2	OB – Overburden – Casing left in								
2	28	**Gabbro**								
		-medium to coarse grained massive gabbro, dk green with creamy white feldspars								
		-non-magnetic, only tr Py/Po								
		-aplitic dykes +/- minor barren quartz veins at 8.3-9.2, 15.3-15.5, 26.5-26.6								
28	33.8	**Diabase**	88447	68	69.5	3	<5	<5	132	54
		-fine to med grained black, mod magnetic massive diabase	88448	69.5	71	Nil	<5	<5	137	50
			88449	71	72.5	Nil	<5	<5	126	44
33.8	37	**Gabbro**	88450	72.5	74	Nil	<5	<5	110	42
		medium to coarse grained massive gabbro, dk green with creamy white feldspars	88451	74	75.5	10	45	14	125	44
		-non-magnetic, only tr Py/Po	88452	75.5	77	3	<5	<5	141	32
			88453	77	78.5	Nil	<5	<5	125	35
37	43.5	**Gabbro with Ilmenite**	88454	78.5	80	14	<5	<5	112	34
		-as above but interstitial, non-magnetic ilmenite beginning to appear	88455	93.5	95	Nil	<5	<5	78	16
		-mnr barren qtz veins at 39.15-39.25,	88456	95	96.5	Nil	<5	<5	90	17
			88457	96.5	98	Nil	<5	<5	81	15
43.5	101	**Gabbro with Magnetite**								
		-as above but highly variable amounts interstitial, strongly magnetic magnetite beginning to appear								
		-tr qtz, tr Py, tr Po								
		-magnetite comprises up to 20% of rock in places with tr Po, Py								
		Note: No conductors noted in this hole. Only trace amounts Py. Po								
		101: End of Hole								

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Diamond Drill Hole BA-07-02 Sheet: 1 of 1

Property Enid-Massey Property
Location Baktrian L 3+00E, 2+55N
Claim Claim # 4200632
Latitude 434958E
Departure 5380665N
Bearing and dip -45 Grid North
Total Depth 101m NQ core size
Core stored on Davidson Tisdale Mine Property

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
	(acid tests)			
collar	n/a	30.0	-45	n/a

Elev. Collar
Datum NAD83
Date Started 1-May-07
Date Completed 2-May-07
Drilled by Lafreniere Drilling
Logged by L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Pt(g/t)	Pd(g/t)	Cu(%)	Ni(%)
0	4	OB – Overburden – Casing left in								
4	13.9	**Gabbro**	88458	5.5	7	Nil	<5	<5	57	38
		med to coarse grained massive gabbro, dk green with creamy white	88459	7	7.5	Nil	<5	<5	279	57
		feldspars	88460	7.5	9	Nil	<5	<5	61	31
		-very minor dissem Po/Py at 7-7.5m	88461	27	28.3	Nil	<5	<5	78	37
		-non-magnetic	88462	28.3	29	Nil	<5	<5	19	17
			88463	29	30	Nil	<5	<5	145	53
13.9	24.8	**Diabase**	88464	30	31.5	Nil	<5	<5	138	37
		-fine to med grained, black, massive diabase dyke	88465	31.5	33	21	<5	<5	149	31
		-contacts 42 and 50deg TCA	88466	33	34.5	2	<5	<5	71	33
			88467	34.5	36	27	<5	<5	130	45
24.8	41.4	**Gabbro**	88468	36	37.5	41	<5	<5	375	63
		med to coarse grained massive gabbro, dk green with creamy white	88469	37.5	39	7	<5	<5	50	28
		feldspars	88470	39	40.5	10	<5	<5	101	33
		-very minor dissem Po/Py throughout most of section	88471	40.5	41.4	7	<5	<5	102	29
		-non-magnetic to locally weakly magnetic	88472	47.9	48.8	17	<5	<5	17	25
		28.3-29: dk reddish brown quartz/feldspar porphyry dyke with finely	88473	48.8	49.8	2	<5	<5	12	25
		dissem Py	88474	49.8	51.2	10	<5	<5	75	36
		-29-34.5: gabbro is very blocky with occassional ground core	88475	51.2	52.7	2	<5	<5	169	55
			88476	52.7	54	14	<5	<5	155	40
41.4	49.5	**Aplitic Dykes**	88477	91	91.8	24	<5	<5	268	79
		-mixture of various aplitic and quartz feldspar porphyry dykes	88478	91.8	92.5	10	<5	<5	450	120
		-may include minor amounts fine grained gabbro or mafic volcanics	88479	92.5	93.5	7	<5	<5	44	25
		-no significant amount sulphides, only very local tr dissem Py	88480	93.5	94	14	<5	<5	266	51
			88481	94	95	10	<5	<5	90	31
49.5	52.7	**Mineralized Gabbro**								
		-moderately sheared gabbro in contact with above unit								
		-contains scattered bands of very magnetic magnetite, minor ilmenite, tr dissem Py, Po								
52.7	101	**Gabbro**								
		-med to coarse grained massive gabbro, dk green with creamy white feldspars								
		-scattered very minor dissem Po/Py throughout most of section								
		-strong dissem Po with tr Cp at 91.8-92, 92.37-92.5, 93.55-93.7								
		-fg black diabase dyke at 83.8-84 contacts 40deg TCA								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole BI-07-01 Sheet: 1 of 1

Property	Enid-Massey Property
Location	Biaz: L 0+50E, 3+15N
Claim	Claim # 4200628
Latitude	435811E
Departure	5376930N
Bearing and dip	-50 Grid South
Total Depth	106m NQ core size
Core stored on Davidson Tisdale Mine Property	

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
	(acid tests)			
collar	n/a	210.0	-50	n/a

Elev. Collar	
Datum	NAD83
Date Started	27-Apr-07
Date Completed	28-Apr-07
Drilled by	Lafreniere Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Pt(g/t)	Pd(g/t)	Cu(%)	Ni(%)
0	4	OB – Overburden – Casing left in	88423	37	37.9	2	<5	<5	52	71
			88424	37.9	38.7	14	<5	<5	1070	97
4	106	**Hybrid Granitized Rocks**	88425	38.7	39.2	14	<5	<5	1610	1060
		-very complex mixture of hybrid rocks at regional granite/gabbro contact	88426	39.2	40	3	<5	<5	45	60
		albite dykes, qtz/feldspar pegmatitic dykes and masses and granodioritic	88427	40	41.5	7	<5	<5	15	77
		rocks cut variably								
		granitized gabbro and possibly minor amounts mafic volcanic	88428	41.5	43	2	<5	<5	93	53
		-traces of Py, magnetite and rarely Cp	88429	43	44.3	3	<5	<5	22	22
		-38.3: 2-5mm wide vein Cp	88430	44.3	45.2	7	<5	<5	274	172
		38.7-39.2: net textured massive to strongly dissem Po, magnetic but very lt	88431	45.2	46.5	7	<5	<5	300	288
		brassy coloured								
		-43-43.3 and 44.3-45.2: strong dissem clots mod magnetic magnetite or ilmenite	88432	46.5	47.5	10	<5	<5	680	559
		mod to str magnetic with dissem Po, tr Cp, and likely vfg magnetite at 45.2-48.5,	88433	47.5	48.5	2	7	7	491	644
		52.3-59.5								
		-59.5-56.0: quartz/Po/Py vein	88434	48.5	50	7	<5	<5	122	137
		-94.6-94.8 & 105.1-105.4 narrow qtz/Py veins at very shallow angle to core	88435	50	51.5	2	<5	<5	35	45
			88436	51.5	52.5	Nil	<5	<5	9	10
		106: End of Hole	88437	52.5	53.2	Nil	<5	<5	35	25
			88438	53.2	54.2	Nil	17	10	144	84
			88439	54.2	55	34	14	10	168	140
			88440	55	56.5	Nil	14	14	257	187
			88441	56.5	58	Nil	14	17	220	170
			88442	58	59.5	7	24	24	323	248
			88443	59.5	60	Nil	27	17	58	153
			88444	60	61.5	Nil	<5	<5	7	13
			88445	94.6	94.8	10	<5	<5	461	104

Interval (meters)		Formation									Sample	Sample Interval (m)		Assays				
From	To										Number	From	To	Au(g/t)	Pt(g/t)	Pd(g/t)	Cu(%)	Ni(%)
											88446	105.1	105.4	Nil	65	480	772	3250

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole CB-07-01 Sheet: 1 of 1

Property Enid-Massey Property
Location Cote-Bihar Sector
Claim Claim # P37788
Latitude 440483E
Departure 5380217N
Bearing and dip 235 deg -45
Total Depth 113.8m BQ core size Core stored at Davidson Tisdale minesite

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	235.0	-45	n/a
15	243.5	233	-45	5553
65	250.8	240.3	-44	5649
113.8	253.8	243.3	-41	5646

Elev. Collar
Datum NAD83
Date Started 25-Nov-07
Date Completed 29-Nov-07
Drilled by Discovery Drilling
Logged by L.A. Tihor

Interval (meters)		Formation	Sample	Sample nterval (m)		Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
0	2	OB – Overburden – casing left in hole	59553	64.1	65.1	5	37	<10	<1	65	137	108
			59554	65.1	66.1	<5	58	18	<1	4	34	43
2	41.2	MP7 – Diabase	59555	66.1	66.8	7	52	<10	<1	30	13	18
		coarse grained, massive, mod magnetic, dk green diabase – contact with gabbro	59556	66.8	67.8	<5	79	<10	<1	<1	80	101
		30deg TCA										
			59557	85.8	86.8	<5	74	13	<1	8	16	64
41.2	63.2	MP1(SI,HE) -- Gabbro	59558	86.8	87.4	<5	31	<10	<1	12	18	47
		-med to coarse grained massive gabbro, mod silicified, partly hematite stained	59559	87.4	88.4	<5	66	<10	<1	13	25	60
		-41.2-50.5: gabbro contains minor dykes fine grained black diabase	59560	88.4	89.4	<5	96	11	<1	17	23	75
		47-53.5: gabbro is strongly red hematite stained with common calcite and qtz-cal	59561	89.4	90.4	8	<15	<10	<1	13	17	68
		stringers										
		hem stained gabbro is non-magnetic; fresher looking but silicified gabbro is	59562	90.4	91.4	16	<15	<10	<1	49	56	57
		weakly magnetic										
		-no sulphides	59563	99.6	100.6	<5	<15	<10	<1	39	117	120
		-faulted contact with mafic volcanics 40deg TCA	59564	100.6	101.2	<5	<15	<10	<1	191	76	71
			59565	101.2	101.9	<5	<15	<10	<1	84	115	103
63.2	113.8	VM(SI,CL,CA,SE,QZ) – Mafic Volcanic	59566	102.1	103	<5	<15	<10	<1	95	70	65
		-fine to med grained, med to dk green, sheared, altered mafic volcanic	59567	103	104	<5	<15	<10	<1	23	52	72
			59568	104	105	<5	<15	<10	<1	90	51	68
		-no clear pattern to alteration, very erratic	59569	105	106	30	<15	<10	<1	111	63	77
		contains many sections appearing porphyrytic, probably white feldspar and	59570	106	107.5	<5	<15	<10	<1	118	66	76
		blue-white qtz metacrysts										
		-wk to strong foliation 25-45, most commonly 40deg TCA	59571	107.5	109	<5	<15	<10	<1	112	39	61
		sulphides consist of trace to minor dissem pyrite, usually assoc with qtz; no	59572	109	110.5	7	<15	<10	<1	29	21	55
		pyrrhotite found										

Interval (meters)		Formation	Sample	Sample nterval (m)		Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
		many narrow zones erratic and brecciated qtz veins, usually barren,	59573	110.5	112	6	<15	<10	<1	9	16	66
		occassionally tr to mnr pyrite										
		65.1-66.8: brecciated qtz-calcite-chlorite vein, no apparent mineralization	59574	112	113	<5	<15	<10	<1	20	15	65
		100.6-101.2: brecciated qtz-chl vein with tr pyrite	59575	113	113.8	7	<15	<10	<1	34	25	45
		113-113.8: 1 to 12% dissem py with 3 minor qtz veins, each few cm wide										
		101.9-102.1: mud seam										
		113.8m:End of Hole										

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole CB-07-02 Sheet: 1 of 1

Property	Enid-Massey Property
Location	Cote-Bihar Sector
Claim	Claim # P37788
Latitude	440483E
Departure	5380217N
Bearing and dip	235 deg -65
Total Depth	142m BQ core size

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	235.0	-65	n/a
50	244.3	233.8	-65	5606
100	249.5	239	-65	5612
142	252.4	241.9	-64.5	5647

Core stored at Davidson Tisdale minesite

Elev. Collar	
Datum	NAD83
Date Started	19-Nov-07
Date Completed	22-Nov-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Ag(g/t)	Cu(%)	Ni(%)	Zn(%)
0	2	OB – Overburden – casing left in hole								
2	142	MP7 – Diabase								
		-coarse grained, massive, unmineralized dk green diabase								
		142m: End of hole								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole CB-07-03 Sheet: 1 of 1

Property	Enid-Massey Property
Location	Cote-Bihar Sector
Claim	Claim # P37788
Latitude	440430E
Departure	5380181N
Bearing and dip	55 deg -45
Total Depth	65.5m BQ core size

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	0.0	-45	n/a
12	63.7	53.2	-45	5654
65	58.1	47.6	-45	5784

Elev. Collar	
Datum	NAD83
Date Started	30-Nov-07
Date Completed	1-Dec-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Core stored at Davidson Tisdale minesite

Interval (meters)		Formation	Sample	Sample nterval (m)		Assays				
From	To		Number	From	To	Au(g/t)	Ag(g/t)	Cu(%)	Ni(%)	Zn(%)
0	5.5	OB – Overburden – casing left in hole								
5.5	36.5	VM – Mafic Volcanic								
		-fine to med grained, med to dk green, massive to weakly foliated mafic volcanic, locally pillowed								
		-trace to very locally moderate calcite, mainly as rare stringers in foliation plane; wk chlorite alteration								
		-contains many sections appearing porphyrytic, probably white feldspar and blue-white qtz metacrysts								
		-wk foliation 45deg TCA								
		-rare trace dissem py; no pyrrhotite found; mafic volcanic is non-magnetic								
		-contact with gabbro 60deg TCA								
36.5	43.6	MP1(SI,HE) -- Gabbro								
		-med to coarse grained massive gabbro, mod to strongly silicified, partly hematite stained								
		-gabbro is weakly to strongly red hematite stained increasing toward diabase contact								
		-gabbro is non-magnetic								
		-no sulphides								
43.6	65.5	MP7 – Diabase								
		-coarse grained, massive, unmineralized dk green diabase								
		-moderately magnetic								
		65.5: End of hole								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole CB-07-04 Sheet: 1 of 2

Property	Enid-Massey Property
Location	Cote-Bihar Sector
Claim	Claim # P37778
Latitude	440878E
Departure	5380667N
Bearing and dip	0, -45
Total Depth	134.5m BQ core size

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	0.0	-45	n/a
30	19.4	8.9	-44	5599
80	18.3	7.8	-43	5650
130	22.6	12.1	-41	5668

Core stored at Davidson Tisdale mine site

Elev. Collar	
Datum	NAD83
Date Started	05-Dec-07
Date Completed	07-Dec-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
0	3	OB – Overburden – casing left in hole	59576	3	4	<5	<15	<10	<1	91	46	88
			59577	4	5.5	<5	<15	<10	<1	30	58	116
3	70	**MP1(CA,QZ,PY,PO) –** Silicified Gabbro (metabasalt ?)	59578	5.5	7	17	<15	<10	<1	97	90	89
		medium grained, lt to med grey-green, bleached, silicified, calcite-rich gabbro	59579	7	8.5	12	<15	<10	<1	49	52	95
		(possibly metabasalt)										
		-silica occurs as mod to intensely blue “eyes”, streaks and veinlets	59580	8.5	10	6	24	<10	<1	42	46	88
		-this unit is non-magnetic except very locally where pyrrhotite is obvious	59581	10	11.5	8	23	<10	<1	67	82	102
		-usually massive, occassionally weakly to strongly foliated 35-50deg TCA	59582	11.5	13	13	<15	<10	<1	57	95	89
		-**3-19:** med grey/green, strongly calcite and blue quartz altered gabbro with up to 5% dissem pyrite										
		55.2-55.26: very blue qtz with 15% fine po; wall rock margins	59583	13	14.5	6	<15	<10	<1	49	60	86
		of vein rich in dissem py	59584	14.5	16	<5	<15	<10	<1	58	69	85
		-59.7-61.8: multiple sections dissem to massive po often with very blue qtz	59585	16	17.5	10	<15	<10	<1	68	63	78
			59586	17.5	19	<5	28	<10	<1	31	105	97
			59587	19	20.5	7	23	<10	<1	41	119	98
70	134.5	MP1(MT,PO,CP,PY) – Gabbro	59588	51	52	13	<15	<10	<1	48	56	82
		medium to coarse grained dk green to black gabbro, weakly to very	59589	52	53.5	33	<15	<10	<1	79	91	100
		strongly magnetic	59590	53.5	55	15	25	<10	<1	72	88	88
		70-83.6: black, coarse grained gabbro with up to 30% dissem clots	59591	55	56.5	13	<15	<10	<1	69	77	110
		magnetite; contains typically <5%	59592	56.5	58	9	34	<10	<1	78	113	97
		dissem po, rarely, very locally near massive po, often with trace amounts	59593	58	59	8	49	<10	<1	73	90	85
		chalcopyrite;	59594	59	59.7	12	25	<10	<1	86	89	81
		best po+cp	59595	59.7	60.5	46	27	<10	<1	84	91	96
		at 80.8 & 81.7-81.8m; only trace py in this unit	59596	60.5	61.4	60	44	<10	<1	153	132	68
		-**82.6-134.5:** relatively unaltered coarse grained dk green gabbro; barren white	59597	61.4	61.8	15	36	<10	<1	36	64	115
		segregations of qtz +	59598	61.8	62.5	6	50	<10	<1	47	71	82
		feldspar are common between 92-119m; minor dissem and stringer py at	59599	62.5	64	8	42	<10	<1	79	93	93

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
		119-119.7m	59600	64	65.5	10	59	<10	<1	253	183	103
			59601	65.5	67	7	38	<10	<1	167	121	100
		134.5m: End of Hole	59602	67	68.5	58	37	<10	<1	144	87	101
			59603	68.5	70	26	52	<10	<1	101	66	105
			59604	70	71.5	7	71	<10	<1	198	85	83
			59605	71.5	73	<5	57	<10	1	155	67	58
			59606	73	74.5	<5	<15	<10	<1	65	38	42
			59607	74.5	76	<5	<15	<10	3	267	119	64
			59608	76	77.5	<5	15	<10	<1	183	85	51
			59609	77.5	79	<5	16	<10	1	342	132	66
			59610	79	80.5	<5	<15	<10	<1	196	120	120
			59611	80.5	82	7	<15	<10	<1	615	287	78
			59612	82	83.6	<5	<15	<10	2	318	146	71
			59613	83.6	85	<5	<15	<10	<1	67	70	91
			59614	118	119	<5	<15	<10	<1	38	58	91
			59615	119	119.7	11	<15	14	3	823	146	58
			59616	119.7	121	<5	<15	<10	2	211	81	68

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole CB-07-05 Sheet: 1 of 3

Property	Enid-Massey Property
Location	Cote-Bihar Sector
Claim	Claim # P37778
Latitude	440878E
Departure	5380667N
Bearing and dip	0, -65
Total Depth	134.5m BQ core size

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	0.0	-65	n/a
50	17.9	7.4	-63	5592
100	21.9	11.4	-63	4955
150	12.1	1.6	-63	5648

Core stored at Davidson Tisdale mine site

Elev. Collar	
Datum	NAD83
Date Started	07-Dec-07
Date Completed	11-Dec-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
			59617	1	2	<5	<15	<10	<1	22	31	71
0	1	OB – Overburden – casing left in hole	59618	2	3	<5	<15	<10	<1	16	43	86
			59619	3	4.5	9	<15	<10	<1	54	83	94
1	101.9	**MP1(CA,QZ,PY,PO) –** Silicified Gabbro (metabasalt ?)	59620	4.5	6	<5	<15	<10	<1	73	81	96
		medium grained, lt to med grey-green, bleached, silicified, calcite-rich	59621	6	7.5	5	37	<10	<1	61	53	74
		gabbro (metabasalt ?)										
		-silica occurs as mod to intensely blue “eyes”, streaks and veinlets	59622	7.5	9	<5	25	<10	<1	56	95	93
		this unit is non-magnetic except very locally where pyrrhotite	59623	9	10.5	7	24	<10	<1	50	61	78
		is obvious										
		-usually massive, occassionally weakly to strongly foliated 30-40deg TCA	59624	10.5	12	<5	27	<10	<1	21	51	72
		-**1-39 & 69-101.9:** med grey/green, strongly calcite and blue quartz altered gabbro with up to 5% dissem pyrite										
		-**97.9-98.4:** very blue qtz with 15% fine py/po	59625	12	13.5	11	22	<10	<1	56	54	90
			59626	13.5	15	20	17	<10	<1	44	62	81
101.9	135.3	MP1(MT,PO,CP,PY) – Gabbro	59627	15	16.5	12	23	<10	<1	61	73	80
		medium to coarse grained dk green to black gabbro, weakly to very	59628	16.5	18	11	26	<10	<1	49	64	87
		strongly magnetic										
		black, magnetite-rich sections alternate with unmineralized med	59629	18	19.5	6	18	<10	<1	77	96	81
		grained gabbro										
		black, magnetite-rich sections typically contain up to few percent	59630	19.5	21	5	19	<10	<1	73	84	77
		py + po, mainly within magnetite										
		Massive to near massive magnetite with minor py + po	59631	21	22.5	6	31	<10	<1	70	65	86
			59632	22.5	24	<5	36	<10	<1	65	117	110
135.3	150	MP1(CA,CL,TC,HM) – Chloritized Gabbro	59633	24	25.5	<5	67	<10	<1	76	98	62
		dk green to black fg to med grained, strongly calcite, chlorite,	59634	25.5	27	<5	63	<10	<1	89	74	66
		locally talc altered gabbro										
		-weakly to strongly foliated 30-40deg TCA	59635	27	28.5	<5	61	<10	<1	114	86	74
		chloritized sections alternate with more massive with hematite	59636	28.5	30	12	95	<10	<1	78	124	92

Interval (meters)		Formation	Sample	Sample	Interval (m)	Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
		stained feldspar metacrysts										
		-non-magnetic; local trace coarse pyrite cubes	59637	30	31.5	17	63	<10	<1	117	107	121
		-minor rose quartz veining	59638	31.5	33	8	71	<10	<1	227	266	74
			59639	33	34.5	8	<15	<10	<1	112	92	84
		150m: End of Hole	59640	34.5	36	9	41	<10	<1	70	73	94
			59641	36	37.5	9	<15	<10	<1	75	76	97
			59642	37.5	39	9	49	<10	<1	48	64	95
			59643	39	40.5	6	65	<10	<1	45	72	103
			59644	68	69	9	73	<10	<1	43	71	100
			59645	69	70.5	9	83	<10	<1	76	77	99
			59646	70.5	72	10	67	<10	<1	57	64	89
			59647	72	73.5	12	102	<10	<1	64	69	106
			59648	73.5	75	10	79	<10	<1	53	76	100
			59649	75	76.5	7	74	<10	<1	46	84	99
			59650	76.5	78	<5	78	<10	<1	12	61	117
			59651	78	79.5	<5	72	<10	<1	47	51	132
			59652	79.5	81	<5	<15	<10	<1	88	74	187
			59653	81	82.5	7	30	<10	<1	68	82	131
			59654	82.5	84	<5	<15	<10	<1	49	64	97
			59655	84	85.5	7	<15	<10	<1	54	56	80
			59656	85.5	87	15	<15	<10	<1	85	70	77
			59657	87	88.5	<5	<15	<10	<1	80	55	67
			59658	88.5	90	10	<15	<10	<1	163	85	69
			59659	90	91.5	<5	<15	<10	<1	24	39	62
			59660	91.5	93	9	<15	<10	1	48	75	82
			59661	93	94.5	<5	<15	<10	<1	49	79	84
			59662	94.5	96	<5	<15	<10	<1	68	77	77
			59663	96	97.5	<5	30	<10	<1	63	90	87
			59664	97.5	99	<5	23	<10	<1	76	89	104
			59665	99	100.5	13	<15	<10	<1	316	221	101
			59666	100.5	101.9	12	<15	<10	<1	559	372	134
			59667	101.9	103.5	150	<15	<10	5	418	229	92
			59668	103.5	105	5	37	<10	<1	331	180	92
			59669	105	106.1	599	<15	<10	8	353	144	85
			59670	106.1	107	11	49	<10	<1	90	86	55
			59671	111	112.2	<5	18	<10	<1	42	49	59
			59672	112.2	113.5	19	23	<10	3	143	79	98

Interval (meters)		Formation									Sample	Sample Interval (m)		Assays						
From	To										Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
											59673	113.5	114	5	24	<10	1	81	65	61
											59674	114	115.5	14	32	<10	2	575	274	71
											59675	115.5	116.7	19	19	<10	<1	1084	466	100
											59676	116.7	117.2	23	<15	<10	4	490	530	147
											59677	117.2	118.5	14	<15	<10	4	265	139	65
											59678	0	1.5	<5	<15	<10	<1	<1	55	54
											59679	129	130.2	<5	<15	<10	<1	80	92	59
											59680	130.2	131.7	18	<15	<10	3	528	228	93
											59681	131.7	133.1	136	<15	<10	3	736	143	97
											59682	133.1	134.6	<5	<15	<10	<1	190	108	118
											59683	134.6	135.3	<5	<15	<10	<1	<1	92	79
											59684	141	142	<5	<15	<10	<1	7	55	61
											59685	142	143	<5	<15	<10	<1	98	83	65
											59686	143	144	<5	<15	<10	<1	48	92	70
											59687	144	145	<5	<15	<10	<1	78	52	58

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole CB-07-06 Sheet: 1 of 2

Property Enid-Massey Property
Location Cote-Bihar Sector
Claim Claim # P37778
Latitude 440930E
Departure 5380570N
Bearing and dip 225, -45
Total Depth 100m BQ core size Core stored at Davidson Tisdale mine site

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	225.0	-45	n/a
51	234.2	223.7	-42	5677
100m	232.4	221.9	-41	5863

Elev. Collar
Datum NAD83
Date Started 11-Dec-07
Date Completed 12-Dec-07
Drilled by Discovery Drilling
Logged by L.A. Tihor

Interval (meters) From	To	Formation	Sample Number	Sample Interval (m) From	To	Assays Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
0	7	OB – Overburden – casing left in hole	59688	13	13.7	<5	17	<10	1	66	33	46
			59689	13.7	14.7	<5	32	<10	<1	43	37	54
7	14.7	MP1(MT,PO,CP,PY) – Gabbro	59690	14.7	16	<5	<15	<10	1	85	63	75
		coarse grained dk green to black massive gabbro, weakly magnetic	59690A	16	16.8	<5	<15	<10	<1	80	58	70
		-local trace py	59691	16.8	18.2	103	26	<10	<1	82	57	79
			59692	19	20	10	<15	<10	<1	10	43	77
14.7	23	FLT(CL,QZ,SE,PY) – Fault Zone	59693	20	20.6	43	<15	<10	<1	26	41	82
		med to dk grey/green, strongly sheared and chloritized gabbro, local	59694	20.6	22	6	<15	<10	<1	66	57	76
		sericite alt'n										
		-abundant scattered white to colourless qtz veins with rare tr py	59695	22	23	<5	<15	<10	<1	53	57	40
		-str foliation and qtz veining 35deg TCA	59696	23	24	<5	<15	<10	<1	103	111	15
		-core ground from 18.2-19m	59697	24	25	<5	<15	<10	<1	85	88	75
			59698	25	26.5	<5	<15	<10	<1	72	60	57
23	100	**MP1(CA,QZ,PY,PO) –** Silicified Gabbro (metabasalt ?)	59699	26.5	28	17	<15	<10	<1	125	89	73
		medium grained, lt to med grey-green, bleached, silicified, calcite-rich gabbro	59700	28	29.5	10	28	<10	<1	73	57	52
		(metabasalt ?)										
		silica occurs as mod to intensely blue “eyes”, streaks and veinlets, less often	59701	29.5	31	5	<15	11	<1	82	85	126
		white										
		-this unit is non-magnetic except very locally where pyrrhotite is obvious	59702	31	32.5	10	<15	<10	<1	109	91	167
		-usually massive, occasionally weakly to mod foliated 40-50deg TCA	59703	32.5	34	<5	<15	<10	<1	37	42	63
		-tr to 5% dissem py occurs through most of section; no po or cpy noted	59704	34	35.5	24	<15	<10	<1	105	64	83
			59705	35.5	37	10	36	19	<1	128	99	87
		100m: End of Hole	59706	37	38.5	7	<15	<10	<1	122	94	78
			59707	38.5	40	<5	<15	<10	<1	94	77	74

Interval (meters)		Formation									Sample	Sample Interval (m)		Assays						
From	To										Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
											59708	40	41.5	<5	<15	<10	<1	39	59	70
											59709	41.5	43	8	<15	<10	<1	21	41	63
											59710	43	44.5	11	32	20	<1	57	48	58
											59711	44.5	46	8	<15	<10	<1	48	40	54
											59712	46	47.5	8	<15	<10	<1	39	51	95
											59713	47.5	49	8	27	11	<1	63	64	102
											59714	49	50.5	20	83	35	<1	39	44	89
											59715	50.5	52	11	<15	<10	<1	58	56	92
											59716	52	53.5	7	<15	<10	<1	68	62	85
											59717	53.5	55	10	15	<10	<1	67	62	91
											59718	55	56.5	7	15	<10	<1	38	67	90
											59719	56.5	58	8	<15	<10	<1	42	48	72
											59720	58	59.5	8	<15	<10	<1	76	68	78
											59721	59.5	61	12	18	<10	<1	111	81	89
											59722	61	62.5	6	19	<10	<1	28	43	89
											59723	62.5	64	6	<15	<10	<1	31	56	88
											59724	64	65.5	9	<15	<10	<1	60	49	83
											59725	65.5	67	6	<15	<10	<1	36	79	92
											59726	67	68.5	24	<15	<10	<1	118	90	90
											59727	68.5	70	<5	16	<10	<1	64	71	90
											59728	70	71.5	6	18	<10	<1	78	66	89
											59729	71.5	73	10	18	<10	<1	70	86	83
											59730	73	74.5	5	<15	<10	<1	37	72	79
											59731	74.5	76	9	19	<10	<1	69	80	91
											59732	76	77.5	9	<15	<10	<1	64	78	74
											59733	77.5	79	12	<15	<10	<1	82	75	65
											59734	79	80.5	5	<15	<10	<1	24	34	57
											59735	80.5	82	<5	<15	22	<1	4	37	66
											59736	82	83.5	7	<15	<10	<1	48	92	46
											59737	83.5	85	11	16	<10	<1	7	39	74
											59738	85	86.5	9	<15	<10	<1	123	106	68
											59739	86.5	88	6	<15	<10	<1	88	96	71
											59740	88	89.5	8	16	<10	<1	185	159	72
											59741	89.5	91	8	<15	<10	2	121	120	113
											59742	91	92.5	<5	<15	<10	<1	56	77	123
											59743	92.5	94	8	<15	<10	<1	101	78	76
											59744	94	95.5	11	17	14	<1	115	90	79

Interval (meters)		Formation									Sample	Sample Interval (m)		Assays						
From	To										Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
											59745	95.5	97	13	<15	<10	<1	47	78	64
											59746	97	98.5	9	<15	<10	<1	127	94	62
											59747	98.5	100	10	<15	<10	<1	68	74	48

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole CB-07-07 Sheet: 1 of 2

Property	Enid-Massey Property
Location	Cote-Bihar Sector
Claim	Claim # P37778
Latitude	440930E
Departure	5380570N
Bearing and dip	225, -65
Total Depth	132m BQ core size

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
collar	n/a	225.0	-65	n/a
30	233.9	223.4	-64	5701
80	239.5	229	-63	5672
130	242.8	232.3	-61	5660

Core stored at Davidson Tisdale mine site

Elev. Collar	
Datum	NAD83
Date Started	11-Dec-07
Date Completed	13-Dec-07
Drilled by	Discovery Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
0	5.5	OB – Overburden – casing left in hole	59748	16	17.1	5	<15	<10	<1	57	54	64
			59749	17.1	18	5	<15	<10	2	62	64	77
5.5	17.1	MP1(MT,PO,CP,PY) – Gabbro	59750	18	19.5	46	39	68	2	92	56	76
		-coarse grained dk green to black massive gabbro, weakly magnetic	59751	19.5	21	197	17	11	<1	103	60	79
		-local trace py	59752	21	22	14	<15	<10	<1	31	57	81
			59753	22	23	32	<15	<10	<1	58	57	92
17.1	23	FLT(CL,QZ,SE,PY) – Fault Zone	59754	23	24	18	19	<10	<1	89	62	90
		med to dk grey/green, strongly sheared and chloritized gabbro, local sericite	59755	24	25.5	108	<15	<10	<1	61	66	83
		alt'n										
		-abundant scattered white to colourless qtz veins with rare tr py	59756	25.5	27	14	21	<10	<1	72	71	108
		-str foliation and qtz veining 55 deg TCA	59757	27	28.5	15	<15	<10	<1	116	84	72
			59758	28.5	30	23	23	<10	<1	82	83	80
23	37	**MP1(BL,CA,QZ,PY,PO)** – Silicified Gabbro (metabasalt ?)	59759	30	31.5	8	22	<10	<1	61	74	73
		-medium grained, lt to med grey-green, bleached, silicified, calcite-rich gabbro	59760	54	55.5	7	<15	<10	<1	134	106	149
		silica occurs as mod to intensely blue “eyes”, streaks and veinlets, less	59761	55.5	57	8	<15	<10	<1	67	87	163
		often white										
		-this unit is non-magnetic	59762	57	58.5	6	17	<10	1	82	96	157
		-usually massive, occasionally weakly to mod foliated 50-60deg TCA	59763	78	79.5	7	<15	<10	<1	16	83	62
		-tr to 5% dissem py occurs through most of section; no po or cpy noted	59764	79.5	81	10	19	<10	<1	97	65	47
			59765	81	82.5	15	65	22	<1	67	81	57
37	63.2	MP1(MT,PO,CP,PY) – Gabbro	59766	96	97.5	9	18	<10	<1	67	59	50
		-coarse grained dk green to black massive gabbro, weakly magnetic	59767	97.5	99	<5	<15	<10	<1	53	62	51
		-local trace py	59768	99	100.5	5	<15	<10	<1	57	69	52
		-scattered blue quartz eyes, but much less than previous unit	59769	118.5	120	5	<15	<10	2	96	71	59
		-minor local dissem py cubes	59770	120	121.5	<5	<15	<10	1	71	83	60
		-wkly to rarely strongly magnetic with local minor magnetite and tr po	59771	121.5	123	65	<15	<10	<1	38	77	69

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays						
From	To		Number	From	To	Au(ppb)	Pt(ppb)	Pd(ppb)	Ag(ppm)	Cu(ppm)	Ni(ppm)	Zn(ppm)
63.2	132	Gabbro										
		-lt to med grey/green, massive, coarse grained gabbro										
		-contains many variably sized and shaped pegmatoidal accumulations of white feldspar										
		which commonly contain tiny stringers of barren colourless qtz										
		-around 108m grades into similar rock but becoming progressively darker green to end of hole.										
		-rare blue qtz eyes and rare patches weakly dissem py in this unit										
		-moderate reddish/pink hematite staining of feldspars at 67-72m and wk hem staining at 105-107.7m										
		-scattered minor barren white qtz veinlets throughout										
		132m: End of Hole										

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole SA-07-01 Sheet: 1 of 5

Property Enid-Massey Property
Location Santrap L0, 490N
Claim Claim # 4204311
Latitude 431445E
Departure 5378892N
Bearing and dip -50 Grid South
Total Depth 237.5m NQ core size
Core stored on Davidson Tisdale Mine Property

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
	(acid tests)			
collar	n/a	210.0	-50	n/a

Elev. Collar 325
Datum NAD83
Date Started 15-Apr-07
Date Completed 17-Apr-07
Drilled by Lafreniere Drilling
Logged by L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
0	21	OB – Overburden – Casing left in	88201	38.00	39.50	134	0.4	135	50	
			88202	39.50	41.00	17	0.4	146	29	
21	58.2	VM1(TUF,SIL) – Basalt	88203	41.00	42.50	27	0.5	168	42	
		-vfg, dk grey/green to blk, basaltic tuff with minor basalt interflows	88204	42.50	44.00	Nil	0.7	167	48	
		blk feldspar phyric, massive to wkly fol black basaltic flows at 32-33,	88205	44.00	45.50	34	0.3	88	25	
		55.6-58.2								
		-tiny calcite stringers are common, sometimes with narrow bleached haloes								
		-30.05-30.2: pink/grey qtz/felds porphyry parallel to foliation 50deg TCA	88206	45.50	47.00	7	0.3	49	29	
		-tr amounts finely dissem Po+/-Py zones throughout:	88207	0.00	1.50	7	0.4	130	25	
		-sulphide zones with mnr massive Po sections mnr Py: 58.2-	88208	47.00	48.50	14	0.4	146	25	
		sulphides tend to be concentrated in well defined more felsic, lighter	88209	1.50	3.00	10	0.3	117	30	
		coloured tuff interbeds								
			88210	48.50	50.00	34	0.4	205	63	
58.2	59	Sulphide Zone – Silicified Mafic Tuff	88211	3.00	4.50	10	0.3	110	20	
		bedded to massive net textured Po with secondary Py in dk grey to black	88212	50.00	55.60	14	0.3	111	37	
		sil mafic to felsic tuff								
		-appears that Po replaced or was deposited with coarser tuff fractions and was later replaced in part by Py								
		-soft sediment deformation	88213	55.60	57.00	7	0.3	62	25	
		-very magnetic over most of section	88214	57.00	58.20	Nil	0.3	57	31	
			88215	58.20	59.00	51	1.9	585	47	
59	60.3	VM1(TUF,SIL) – Basalt	88216	59.00	60.30	7	0.3	58	46	
		-very convoluted sil mafic to felsic dk grey tuff	88217	60.30	60.70	31	1.5	254	43	
		-tr Po	88218	60.70	61.70	27	0.7	100	77	
			88219	61.70	62.60	Nil	0.8	158	70	
60.3	60.7	Sulphide Zone – Silicified Mafic Tuff								
		-bedded to massive net textured Po with secondary Py in dk grey to black sil mafic to felsic tuff								

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
		-similar to 58.2-59								
60.7	62.6	**VF(TUF)--** Coarse Grained Felsic Tuff								
		-coarse grained felsic ash tuff, pinkish dk grey, quite magnetic because of finely dissem Po								
		-possible vfg magnetite with the Po								
62.6	64.4	VM1(TUF,SIL) – Basalt	88220	62.6	63.6	10	0.3	79	46	
		-vfg, dk grey unmineralized silicified mafic tuff	88221	63.6	64.4	7	0.2	46	39	
		-wk to mod fol 60deg TCA	88222	64.4	65.1	48	1.1	124	83	
			88223	65.1	66.6	7	0.3	88	30	
64.4	65.1	**VF(TUF)--** Coarse Grained Felsic Tuff	88224	66.6	67	10	0.3	111	41	
		coarse grained felsic ash tuff, pinkish dk grey, quite magnetic because of	88225	67	68	137	0.9	350	421	
		finely dissem Po								
		-similar to 60.7-62.6 except with abundant tiny stringers secondary Py	88226	68	69	226	0.7	221	100	
		65-65.1: beds of strongly magnetic vfg black, probably vfg dissem to near	88227	69	70	226	0.4	222	144	
		massive magnetite + vfg Po	88228	70	70.7	106	1.9	611	67	
65.1	67	VM1(TUF,SIL) – Basalt	88229	70.7	71.2	27	0.1	216	42	
		-as at 62.6-64.4	88230	71.2	71.9	72	2	1290	27	
			88231	71.9	73	7	0.4	137	33	
67	71.9	Sulphide Zone – Silicified Mafic Tuff	88232	73	73.9	14	0.5	212	27	
		bedded to massive net textured Po with fg Cpy in interbedded dk grey mafic	88233	73.9	75	24	0.5	318	40	
		& mauve/grey felsic tuff								
		-mafic volcanics are strongly silicified	88234	75	76	38	0.4	116	34	
		-massive to strong sulphide sections at 67.9-67.95, 70-70.7, 71.2-71.9	88235	90.4	91.4	27	0.3	100	34	
		-very magnetic where Po	88236	91.4	91.5	2153	1.6	633	20	
			88237	91.5	92.5	103	0.4	131	35	
71.9	102.7	VM1(TUF,SIL) – Basalt	88238	101	102.2	14	0.4	65	26	
		-vfg, dk grey unmineralized silicified mafic tuffs and minor flows	88239	102.2	102.7	24	1.6	1252	29	
		-71.9-77: wk to str silicified with felsic tuff interbeds	88240	102.7	104	7	0.3	61	33	
		-wk to mod fol 60deg TCA	88241	104	105.5	45	0.7	32	35	
		-quartz/feldspar porphyry dykes or sills 60deg TCA at 73.7-73.74 and 99-99.1m								
		-foliation and bedding 50deg TCA								
		-non-magnetic except where tr Po; tr Py								
		-tr calcite in shear planes and dissem								
		-90.4-90.5: bx white quartz vein with 15% Py, Po and tr Sp								
		-102.2-102.7: few % Po, Py, Cp								
102.7	106.7	VF(TUF)-- Felsic Crystal Tuff								
		-dk grey to blk fg siliceous matrix with white feldspar crystals								
		-105.5-105.8: creamy grey quartz-feldspar porphyry dyke/sill 55deg TCA parallel to foliation								
106.7	116.9	VM1(TUF,SIL) – Basalt	88242	107	107.55	14	0.4	68	65	

Interval (meters)		Formation	Sample	Sample	Interval (m)	Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
		-vfg, dk grey silicified mafic tuffs and minor flows	88243	107.55	108.1	Nil	2.8	1270	29	
		107.55-108.1: strong disseminated to net textured Po, Py zone with possible	88244	108.1	109	Nil	0.4	151	35	
		tr Cp								
		feldspar porphyry sills or crystal tuff as at 102.7-106.7 at 110.25-110.45, 111.9-113.8	88245	141	141.5	Nil	0.7	115	83	
		111.9-113.8								
			88246	141.5	143	Nil	1.9	205	103	
116.9	135	**Silicified Crackle Breccia Zone**	88247	143	144	24	1.6	142	153	
		-mod to intensely silica altered and crackle brecciated grading from above	88248	144	145	27	1.5	77	237	
		-recemented by grey qtz and/or albite; minor later calcite	88249	145	146	29	2.8	219	2840	
		-colour from dk grey to lt grey depending on intensity of silicification	88250	146	147	216	2.5	140	404	
		-this should be an effective caprock for VMS deposit	88251	147	148	Nil	2.5	296	311	
		-tr Py, otherwise no sulphides	88252	148	149	38	2.8	397	403	
			88253	149	150	99	1.6	191	630	
135	141.5	VM1(TUF,SIL) – Basalt	88254	150	151	2	1.2	93	218	
		-vfg, dk grey silicified mafic tuffs and minor flows	88255	151	152	89	1.5	81	365	
			88256	152	153	65	1.2	115	208	
141.5	160.1	Sulphide Zone – Silicified Mixed Tuff	88257	153	154	Nil	1.2	128	3890	
		-variably silicified repeatedly interbedded mafic and felsic sulphide-rich tuff	88258	154	155	79	1.2	112	3360	
		many zones near massive to stringer to dissem Po, Py and minor amounts	88259	155	156	75	1.6	130	4150	
		Sp and Cp								
		-Combined concentration Zn + tr Cu likely <1%	88260	156	157	65	0.8	91	70	
		-core is quite blocky breaking along convoluted bedding/shear planes	88261	157	158	62	1.2	135	88	
		-str magnetism indicates greater conc Po than is readily visible	88262	158	159	31	1.6	270	65	
			88263	159	160.1	58	1.5	208	43	
160.1	167.5	VM1(TUF,SIL) – Basalt	88264	160.1	161	55	0.8	118	62	
		-vfg, dk grey variably silicified mafic tuffs and minor flows	88265	161	162.5	Nil	0.7	126	70	
		-foliation variable from 20deg to 40deg TCA	88266	162.5	164	48	0.4	129	54	
		-tr Py	88267	164	165.5	96	0.4	131	59	
			88268	165.5	166.5	55	0.8	130	135	
167.5	168.3	Sulphide Zone – Silicified Mafic Tuff	88269	166.5	167.5	58	0.7	114	52	
		-dissem, stringer to very locally near massive Py, Cp, tr Po	88270	167.5	168.3	72	2	417	62	
		-host rock is same as above and below	88271	168.3	169.3	51	0.8	300	56	
			88272	169.3	170	Nil	0.8	148	61	
168.3	175.4	VM1(TUF,SIL) – Basalt	88273	170	171.5	65	0.4	112	75	
		-vfg, dk grey variably silicified mafic tuffs and minor flows	88274	171.5	173	48	0.4	140	57	
			88275	173	174.5	86	0.5	137	69	
			88276	174.5	175.4	58	0.8	137	141	
175.4	177.45	Sulphide Zone – Silicified Mafic & Felsic Tuff								
		-strong dissem, stringer and massive sulphide zone	88277	175.4	176	89	1.5	173	1640	
		-Po + Py with significant Sp and possibly Cp	88278	176	177	103	3.2	751	4780	

Interval (meters)		Formation	Sample	Sample	Interval (m)	Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
			88279	177	177.45	106	2.4	361	6660	
177.45	186.5	VM1(TUF,SIL) – Basalt	88280	177.45	179	62	0.7	98	644	
		-vfg, dk grey variably silicified mafic tuffs and minor flows	88281	179	180.5	65	0.9	156	162	
			88282	180.5	182	48	0.8	145	164	
186.5	193.5	Sulphide Zone – Silicified Mafic & Felsic Tuff	88283	182	183.5	Nil	0.4	141	128	
		-strong dissem, stringer and massive sulphide zone	88284	183.5	185	51	0.8	115	113	
		-strongest sulphide mineralization in this hole	88285	185	186.5	96	1.6	122	1150	
		-Po + Py with significant Sp and possibly Cp	88286	186.5	187.2	309	2	361	8910	
		difficult to distiguish the Sp from similar coloured vfg Po, and Cp from	88287	187.2	188.2	117	1.3	190	>10000	1.17
		greenish Py								
		-189.2-193.5: same host rock but much weaker mineralization	88288	188.2	189.2	Nil	2	247	4570	
			88289	189.2	190.2	86	0.9	215	1540	
193.5	195.9	VM1(TUF,SIL) – Basalt	88290	190.2	191	62	0.7	55	422	
		-vfg, dk grey variably silicified mafic tuffs and minor flows	88291	191	192	Nil	0.8	118	682	
		-tr to minor Py	88292	192	193.5	2	0.8	97	396	
			88293	193.5	194.3	55	0.8	86	307	
195.9	203.3	Sulphide/Magnetite Zone – Silicified Mafic & Felsic Tuff	88294	194.3	195.3	96	0.8	116	104	
		similar to sulphide zones above, except abundant dissem to massive	88295	195.3	195.9	58	0.9	124	122	
		magnetite								
		-magnetite is fine to med grained and interwoven with Po and Py	88296	195.9	197	75	1.5	204	227	
		-no Cp or Sp noted	88297	197	198	3	2	311	1310	
		-foliation/bdg is very contorted and varies from 0deg to 45deg TCA	88298	198	199	137	2.8	479	2570	
		-often very magnetic	88299	199	200	72	1.5	243	1590	
		-locally abundant red to pale red garnets	88300	200	201	89	1.9	354	691	
			88301	201	202	65	2	326	226	
203.3	206.2	VM1(TUF,SIL) – Basalt	88302	202	203.3	134	0.8	112	290	
		-as in sulphide zone above but without significant sulphides	88303	203.3	204.3	240	0.3	15	88	
			88304	204.3	206.2	55	0.5	39	296	
206.2	207	**FP11** - Quartz/feldspar Porphyry	88305	206.2	207	3	0.3	32	660	
		-dk creamy grey quartz feldspar porphyry	88306	207	207.7	65	1.9	253	6240	
		-very blocky core								
207	207.7	Sulphide/Magnetite Zone – Silicified Mafic & Felsic Tuff								
		-as at 195.9-203.3, except less magnetite and garnet								
		-contact with QFP below 15deg TCA								
207.7	208.8	**FP11** - Quartz/feldspar Porphyry	88307	207.7	208.8	7	0.7	42	1680	
		-dk creamy grey quartz feldspar porphyry	88308	208.8	210	75	1.9	182	3240	
		-very blocky core	88309	210	211	62	1.5	71	3480	
			88310	211	212	62	1.1	130	273	
208.8	215	VM1(TUF,SIL) – Basalt	88311	212	213	55	1.2	205	351	

Interval (meters)		Formation	Sample	Sample	Interval (m)	Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
		similar to host of sulphide zones but only weak dissem to stringer Po, Py	88312	213	214	48	1.1	160	147	
		mineralization								
		-local str development of red garnets	88313	214	215	41	1	100	181	
		-foliation 40deg TCA	88314	215	216	93	2.4	383	8950	
			88315	216	217	72	1.5	355	4090	
215	218	Sulphide Zone	88316	217	218	86	2	218	885	
		-strong massive, stringer, dissem zone Py, Po, tr Cp	88317	218	219.5	62	1.2	82	484	
		-same host rock as above with very str development of pink garnets	88318	219.5	221	51	0.7	47	213	
			88319	221	222.5	58	0.6	110	72	
218	225.4	VM1(TUF,SIL) – Basalt	88320	222.5	224	3	0.7	41	111	
		similar to host of sulphide zones but only weak dissem to stringer Po,	88321	224	224.7	58	0.7	27	529	
		Py mineralization								
		exception is massive to str Po with minor Sp and possible	88322	224.7	224.95	79	2	231	6320	
		Cp at 224.7-224.95								
		-local str development of red garnets	88323	224.95	225.4	51	0.7	72	1430	
		-foliation 45deg TCA	88324	232	233.4	7	0.7	140	314	
			88325	233.4	234.4	185	1.9	191	4010	
225.4	237.5	VM1(SIL) – Basalt	88326	234.4	235.8	45	0.7	126	61	
		-hard, black, fg, wkly foliated mafic volcanics	88327	235.8	236.05	75	1.6	204	2760	
		-mostly not mineralized, not magnetic	88328	236.05	237	69	1.2	388	67	
		-narrow sections dissem to massive Po, Py at 233.3-234.4, 235.8-236.05								
		237.5: End of Hole								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole SA-07-02 Sheet: 1 of 3

Property	Enid-Massey Property
Location	Santrap: L 3+00E, 4+00N
Claim	Claim # 4204311
Latitude	431650E
Departure	5378658N
Bearing and dip	-50 Grid South
Total Depth	190m NQ core size
Core stored on Davidson Tisdale Mine Property	

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
	(acid tests)			
collar	n/a	210.0	-50	n/a
	n/a	n/a		n/a
	n/a	n/a		n/a

Elev. Collar	330
Datum	NAD83
Date Started	17-Apr-07
Date Completed	19-Apr-07
Drilled by	Lafreniere Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
0	8.5	OB – Overburden – Casing left in	88329	31	32.5	99	0.8	323	55	
			88330	32.5	34	41	0.8	165	140	
8.5	32.5	Basalt	88331	34	35	51	1.2	382	190	
		-fg, v dk grey/green basaltic tuffs and minor flows	88332	35	36.5	34	0.8	137	77	
		-massive to wkly foliated 45deg TCA	88333	36.5	38	65	0.8	106	66	
		-generlally wkly silicified	88334	38	39.5	62	0.5	79	70	
		-tr Py	88335	39.5	41	51	0.4	84	61	
			88336	41	41.2	55	0.2	31	17	
32.5	50.7	Felsic tuff-agglomerate	88337	41.2	42	41	0.3	72	137	
		-begins as vfg glassy ash tuff to 35.6, then with flattened snowflake feldspar metacryst to 37.4								
		-at 37.4 beginning flattened felsic agglomerate, extremely flattened pink to white clasts in dk grey fg ash matrix								
		-minor Py at 32.5-32.6 and at 33.9-34.8, tr Py elsewhere								
		-str foliation 50deg TCA; not magnetic	88338	49	50	41	0.8	147	69	
		-41-41.2: barren white quartz vein with tr Py at contact 45-50deg TCA	88339	50	50.7	62	0.3	29	61	
			88340	50.7	52	55	0.8	160	102	
50.7	75.9	Silicified Basaltic Tuff	88341	52	52.7	103	1.2	425	107	
		Fg, blk, mod silicified massive mafic tuff	88342	52.7	53.6	62	0.4	165	141	
		-minor Po/Py zones at 50.7-50.9, 52-52.7, 53.6-53.85; tr Sp at 53.7	88343	53.6	53.85	161	2	810	1850	
		-minor Po/Py zones at 67.6, 69.6-59.7	88344	53.85	55	48	0.8	40	198	
			88345	59.4	60.4	69	0.4	25	53	
75.9	85	Felsic tuff-agglomerate	88346	60.4	61	75	1.7	327	1270	
		-similar to at 32.5-50.7	88347	61	62	55	0.4	162	85	
		first 3m very siliceous but becomes much softer without changing appearance	88348	65.6	67.1	62	0.3	78	51	
		(chloritic?)								
			88349	67.1	67.4	65	1.3	837	98	
85	91.7	Silicified Basaltic Tuff	88350	67.4	68.4	69	0.9	804	78	

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
		-fg, blk, mod silicified massive mafic tuff	88351	68.4	69.7	72	0.8	644	103	
		-tr Py	88352	69.7	70.7	55	0.4	137	127	
91.7	92.8	Silicified Felsic Tuff								
		-very hard variably bleached, grey/mauve vfg felsic tuff								
		-not mineralized								
92.8	153.8	Silicified Basaltic Tuff	88353	112.1	112.9	45	0.5	166	58	
		mod to locally str silicified fine grained massive to weakly foliated mafic volcanics	88354	112.9	113.55	Nil	2.4	1810	386	
		-quartz-feldspar porphyry dykes (sills) at 111.1-112.1, 114.2-114.7, 145.2-146.8	88355	113.55	114.2	Nil	0.7	163	207	
		112.9-113.55: wk zone of dissem to very locally massive Py, cutting contorted	88356	114.2	114.7	7	0.1	28	35	
		bands chert or white qtz								
		-114.7-114.8: contorted white chert bands or white qtz with tr Py	88357	114.7	115.7	17	0.1	102	65	
		-strongest silicification and bleaching of basalt is at 114.7-116.4								
		-becoming med grained from 122.5 to end of hole – central portion of thick basalt flow?								
		-generally only wkly silicified from about 118 to end of hole								
153.8	155.9	Felsic Tuff								
		-fg, pink to mauve/grey well bedded felsic tuff								
		-bedding and foliation 45-50deg TCA								
		-tr Py along foliation planes								
155.9	161.7	Silicified Basaltic Tuff								
		-fg dk grey/green massive to wkly foliated mafic volcanics								
		-wkly to very locally str silicified								
		-tr Py								
161.7	171.9	Felsic Tuff								
		-fg, pink to mauve/grey well bedded felsic tuff								
		-166.1-168.7: extremely blocky and gravelly fault zone								
		-tr Py								
171.9	190	Silicified Basaltic Tuff								
		-fg dk grey/green to locally bleached lt creamy green basaltic tuff								
		-may include narrow interbeds felsic tuff								
		-bleached sections are commonly variably brecciated and healed by tiny qtz/calcite stringers								
		-tr Py								
		190: End of Hole								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole SA-07-03 Sheet: 1 of 1

Property	Enid-Massey Property
Location	Santrap: L 1+00W, 3+50N
Claim	Claim # 4204311
Latitude	431287E
Departure	5378830N
Bearing and dip	-50 Grid South
Total Depth	152.0m NQ core size
Core stored on Davidson Tisdale Mine Property	

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
	(acid tests)			
collar	n/a	210.0	-50	n/a
50	n/a	n/a	-56.5	n/a
101	n/a	n/a	-57.5	n/a
152	n/a	n/a	-55	n/a

Elev. Collar	323
Datum	NAD83
Date Started	20-Apr-07
Date Completed	21-Apr-07
Drilled by	Lafreniere Drilling
Logged by	L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
0	10	OB – Overburden – Casing left in								
10	152	Silicified Basalt								
		-vfg massive to wkly foliated, blk mixed mafic flows and tuffs, scattered white feldspar metacrysts								
		-hard, mod silicified								
		-may include minor interbeds dk coloured vfg felsic tuff difficult to distinguish from sil basalt mafic tuff								
		-wk foliation 35deg TCA								
		-tr Py								
		-31.7-32: creamy mauve/grey quartz-feldspar porphyry dyke (sill), contacts parallel to foliation 35deg TCA								
		-mauve/grey to pink/orange quartz-feldspar porphyry sills at 80.67-80.74, 102.1-104.96								
		152: End of Hole								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole SA-07-04 Sheet: 1 of 2

Property Enid-Massey Property
Location Santrap: L 1+00E, 5+30N
Claim Claim # 4203411
Latitude 431560E
Departure 5378887N
Bearing and dip -50 Grid South
Total Depth 200m NQ core size
Core stored on Davidson Tisdale Mine Property

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
	(acid tests)			
collar	n/a	210.0	-50	n/a
50	n/a	n/a	-53	n/a
101	n/a	n/a	-52	n/a
152	n/a	n/a	-53	n/a
200	n/a	n/a	-52	n/a

Elev. Collar 325
Datum NAD83
Date Started 22-Apr-07
Date Completed 25-Apr-07
Drilled by Lafreniere Drilling
Logged by L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
0	30	OB – Overburden – Casing left in								
30	106	Silicified Mafic Volcanics								
		-vfg, dk grey/green interbedded mafic flows and tuffs								
		-may contain minor interbedded felsic tuffs								
		-wkly to locally strongly silicified								
		-dk grey feldspar porphyry sills at 33.9-35.4, 36.7-37.6, contacts parallel to wk foliation 70deg TCA								
		-tr Py								
		-tr Sp at 35.4								
		-very blocky to 49m								
		-foliation mainly 55deg TCA								
		-beginning at 53m minor interbeds felsic tuff								
		-minor interbeds white chert at 55-57m								
106	123.5	Felsic Tuff	88358	123.3	123.9	Nil	0.1	42	39	
		vfg with local lapilli fragments, banded dk grey to lt creamy grey to creamy	88359	123.9	125	51	0.1	70	48	
		mauve felsic tuff								
		-minor interbeds silicified mafic tuff gradational from unit above	88360	125	126.5	144	0.1	63	115	
		-tr Py	88361	126.5	127.5	Nil	0.1	79	220	
			88362	127.5	128	21	0.3	386	94	
123.5	123.9	Felsic Lapilli Tuff								
		-similar in colour and hardness to above but abundant flattened lt grey lapilli fragments								
123.9	127.95	Quartz Eye Rhyolite Tuff								
		-very hard, massive, lt grey rhyolitic ash tuff with scattered quartz eyes								
		-tr dissem Py throughout								

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
		-127.9-127.95: on rhyolite/basalt contact 5cm width strong Py/Po with minor massive streaks								
		-contacts parallel to foliation 45-50deg TCA								
127.95	161	Silicified Basalt	88363	128	129.1	2	0.2	223	35	
		-vfg,blk, massive interbedded basaltic flows and tuffs	88364	160	161	Nil	0.1	120	45	
		-wkly to mod silicified	88365	161	162	Nil	0.3	367	51	
		-tr Py	88366	162	162.8	Nil	0.5	425	66	
			88367	162.8	164	Nil	0.1	43	26	
161	175.9	Sulphide Zone	88368	164	165.5	Nil	0.1	88	28	
		same basaltic tuff unit as above but with multiple zones of dissem, stringer	88369	165.5	166.7	17	0.1	90	47	
		and locally massive Po/Py								
		bands of strong conductive sulphides at 161-162.8, 166.7-170.3,	88370	166.7	167.7	34	0.7	724	37	
		174.5-175.5, 177.9								
		-sulphides are primarily Po with minor Py and possible tr Cp	88371	167.7	168.7	89	0.3	290	35	
		-minor Cp with Po at 175.3	88372	168.7	169.7	Nil	0.1	98	20	
		-the strongest sulphide zones usually have a felsic tuff and/or chert component	88373	169.7	170.3	Nil	0.1	195	17	
			88374	170.3	171.5	Nil	0.1	73	26	
175.9	193.5	Silicified Basalt	88375	171.5	173	Nil	0.1	63	31	
		-vfg,blk, massive interbedded basaltic flows and tuffs	88376	173	174.5	7	0.1	130	35	
		-wkly to mod silicified	88377	174.5	175.5	291	0.4	699	25	
		-tr Py	88378	175.5	176.5	21	0.1	118	27	
		-1cm wide massive Po/Py at 182.5	88379	176.5	177.3	24	0.2	230	44	
			88380	177.3	177.9	62	0.3	434	45	
193.5	197.2	Quartz Feldspar Porphyry	88381	177.9	179	Nil	0.1	104	34	
		-lt creamy pink/grey quartz feldspar porphyry	88382	179	180.5	24	0.1	150	26	
		-tr dissem Py	88383	180.5	182	14	0.1	138	54	
		-contacts 60deg TCA	88384	182	182.45	10	0.1	126	31	
			88385	182.45	182.6	189	0.1	248	27	
197.2	200	Silicified Basalt	88386	182.6	184	21	0.1	122	25	
		-vfg,blk, massive interbedded basaltic flows and tuffs								
		-wkly to mod silicified								
		-tr Py								
		200: End of Hole								

LAURION MINERAL EXPLORATION INC.

Diamond Drill Hole SA-07-05 Sheet: 1 of 2

Property Enid-Massey Property
Location Santrap: L 4+00W, 0+80N
Claim Claim # 4204311
Latitude 430892E
Departure 5378775N
Bearing and dip -50 Grid South
Total Depth 160m NQ core size
Core stored on Davidson Tisdale Mine Property

Depth	Tool Azi.	Cor. Azi.	Dip	Mag.
	(acid tests)			
collar	n/a	210.0	-50	n/a
50	n/a	n/a	-51	n/a
110	n/a	n/a	-51	n/a
160	n/a	n/a	-51.5	n/a

Elev. Collar
Datum NAD83
Date Started 26-Apr-07
Date Completed 27-Apr-07
Drilled by Lafreniere Drilling
Logged by L.A. Tihor

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
0	4	OB – Overburden – Casing left in	88387	61	63.4	Nil	0.1	123	35	
			88388	63.4	63.9	17	0.2	377	35	
4	50.7	Diabase	88389	63.9	65	Nil	0.1	62	28	
		-coarsed grained black magnetic diabase	88390	77	78.3	7	0.1	63	41	
		-not mineralized	88391	78.3	78.5	7	0.1	161	94	
			88392	78.5	80	7	0.1	175	59	
50.7	137.1	Basalt	88393	90	91.55	10	0.1	111	27	
		-fg, dk green, intebedded basaltic tuffs and flows	88394	91.55	91.77	34	0.2	700	20	
		-mod foliation highly variable from 32-50deg TCA	88395	91.77	92.35	7	0.1	141	26	
		-amphibolite facies metamorphism, occassional biotite-rich	88396	92.35	92.5	14	0.4	706	44	
		-tr Py	88397	92.5	93.5	7	0.2	169	31	
		wk to mod Py/Po/Mag mineralization at 63.4-63.9, 78.3-78.5, 92.35-92.5'	88398	98	99	7	0.1	120	30	
		104.9-105.6, +/- chert,								
		107.2-108.6,	88399	99	99.5	Nil	0.1	77	36	
		-qtz vein with Po/Py/Cp at 91.55-91.77m	88400	99.5	101	14	0.1	176	32	
		-massive magnetite bands +/- Py/Po at 99-99.5, 110.7-111.2, 122-122.5	88401	101	102.5	Nil	0.2	215	43	
		128.9-130.3: quartz feldspar porphyry sill	88402	102.5	104	Nil	0.1	143	22	
			88403	104	104.9	51	0.1	148	35	
137.1	137.9	Sulphide Zone	88404	104.9	105.6	240	0.3	843	48	
		-chert/mafic tuff with multiple zones stringer to massive Po with significant Cp	88405	105.6	107.2	Nil	0.1	114	50	
			88406	107.2	108.6	7	0.2	222	50	
137	160	Basalt	88407	108.6	110	7	0.1	127	31	
		-fg, dk green, intebedded basaltic tuffs and flows	88408	110	111.2	7	0.1	137	33	
		-mod foliation highly variable from 32-50deg TCA	88409	111.2	112.7	27	0.2	302	25	
		-amphibolite facies metamorphism, occassional biotite-rich	88410	112.7	113.3	24	0.4	568	39	
		-138.6-138.8: chert/Po with tr Cp, contact 38deg TCA	88411	120.5	122	7	0.1	53	26	

Interval (meters)		Formation	Sample	Sample Interval (m)		Assays				
From	To		Number	From	To	Au(ppb)	Ag(ppm)	Cu(ppm)	Zn(ppm)	Zn(%)
		-140.36: 2cm band near massive Po/Py	88412	122	122.5	Nil	0.1	61	25	
		148-148.5: ribbony white to grey qtz vein with tr Py/Po, minor amount quartz	88413	122.5	124	7	0.1	144	20	
		feldspar porphyry								
			88414	134.5	136	93	0.1	68	19	
		160: End of Hole	88415	136	137.1	Nil	0.1	88	17	
			88416	137.1	137.9	10	2.3	1490	41	
			88417	137.9	138.6	Nil	0.2	36	47	
			88418	138.6	138.8	Nil	0.8	388	24	
			88419	138.8	140.4	Nil	0.2	157	35	
			88420	140.4	140.6	24	1.6	1190	33	
			88421	140.6	142	7	0.2	140	30	
			88422	142	148.5	31	0.2	79	41	

Appendix B.

Assay Certificates

Swastika Laboratories Ltd
AuAssay2001
7W-1553-RA1

05/08/2007	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
88201	134	-	0.4	135	50
88202	17	-	0.4	146	29
88203	27	69	0.5	168	42
88204	Nil	-	0.7	167	48
88205	34	-	0.3	88	25
88206	7	-	0.3	49	29
88207	7	-	0.4	130	25
88208	14	-	0.4	146	25
88209	10	-	0.3	117	30
88210	34	-	0.4	205	63
88211	10	-	0.3	110	20
88212	14	-	0.3	111	37
88213	7	-	0.3	62	25
88214	Nil	-	0.3	57	31
88215	51	-	1.9	585	47
88216	7	-	0.3	58	46
88217	31	72	1.5	254	43
88218	27	-	0.7	100	77
88219	Nil	-	0.8	158	70
88220	10	-	0.3	79	46
88221	7	-	0.2	46	39
88222	48	-	1.1	124	83
88223	7	-	0.3	88	30
88224	10	-	0.3	111	41
88225	137	-	0.9	350	421
88226	226	-	0.7	221	100
88227	226	-	0.4	222	144
88228	106	-	1.9	611	67
88229	27	-	0.1	216	42
88230	72	31	2	1290	27
88231	7	-	0.4	137	33
88232	14	-	0.5	212	27
88233	24	-	0.5	318	40
88234	38	-	0.4	116	34
88235	27	-	0.3	100	34
88236	2153	2109	1.6	633	20
88237	103	-	0.4	131	35
88238	14	-	0.4	65	26
88239	24	-	1.6	1252	29
88240	7	-	0.3	61	33
88241	45	-	0.7	32	35
88242	14	-	0.4	68	65
88243	Nil	-	2.8	1270	29
88244	Nil	-	0.4	151	35
88245	Nil	-	0.7	115	83
88246	Nil	-	1.9	205	103

Swastika Laboratories Ltd
AuAssay2001
7W-1553-RA1

05/08/2007	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
88247	24	-	1.6	142	153
88248	27	-	1.5	77	237
88249	29	-	2.8	219	2840
88250	216	240	2.5	140	404
88251	Nil	-	2.5	296	311
88252	38	-	2.8	397	403
88253	99	41	1.6	191	630
88254	2	-	1.2	93	218
88255	89	-	1.5	81	365
88256	65	-	1.2	115	208
88257	Nil	-	1.2	128	3890
88258	79	-	1.2	112	3360
88259	75	-	1.6	130	4150
88260	65	-	0.8	91	70
88261	62	-	1.2	135	88
88262	31	-	1.6	270	65
88263	58	-	1.5	208	43
88264	55	-	0.8	118	62
88265	Nil	-	0.7	126	70
88266	48	-	0.4	129	54
88267	96	-	0.4	131	59
88268	55	-	0.8	130	135
88269	58	-	0.7	114	52
88270	72	-	2	417	62
88271	51	-	0.8	300	56
88272	Nil	-	0.8	148	61
88273	65	-	0.4	112	75
88274	48	51	0.4	140	57
88275	86	-	0.5	137	69
88276	58	-	0.8	137	141
88277	89	-	1.5	173	1640

Swastika Laboratories Ltd
AuAssay2001
7W-1554-RA1

05/03/2007	Au PPB		Au Check PPB		Ag g/tonne	Cu PPM	Zn PPM		Zn %
88278		103	-		3.2	751	4780	-	
88279		106	-		2.4	361	6660	-	
88280		62	-		0.7	98	644	-	
88281		65	-		0.9	156	162	-	
88282		48		69	0.8	145	164	-	
88283	Nil		-		0.4	141	128	-	
88284		51	-		0.8	115	113	-	
88285		96	-		1.6	122	1150	-	
88286		309	-		2	361	8910	-	
88287		117	-		1.3	190	>10000		1.17
88288	Nil		-		2	247	4570	-	
88289		86	-		0.9	215	1540	-	
88290		62	-		0.7	55	422	-	
88291	Nil		-		0.8	118	682	-	
88292		2	-		0.8	97	396	-	
88293		55	-		0.8	86	307	-	
88294		96	-		0.8	116	104	-	
88295		58	-		0.9	124	122	-	
88296		75	-		1.5	204	227	-	
88297		3	-		2	311	1310	-	
88298		137		123	2.8	479	2570	-	
88299		72	-		1.5	243	1590	-	
88300		89	-		1.9	354	691	-	
88301		65	-		2	326	226	-	
88302		134	-		0.8	112	290	-	
88303		240	-		0.3	15	88	-	
88304		55	-		0.5	39	296	-	
88305		3	-		0.3	32	660	-	
88306		65	-		1.9	253	6240	-	
88307		7	-		0.7	42	1680	-	
88308		75	-		1.9	182	3240	-	
88309		62	-		1.5	71	3480	-	
88310		62		69	1.1	130	273	-	
88311		55	-		1.2	205	351	-	
88312		48	-		1.1	160	147	-	
88313		41	-		1	100	181	-	
88314		93	-		2.4	383	8950	-	
88315		72	-		1.5	355	4090	-	
88316		86	-		2	218	885	-	
88317		62	-		1.2	82	484	-	
88318		51	-		0.7	47	213	-	
88319		58	-		0.6	110	72	-	
88320		3	-		0.7	41	111	-	
88321		58	-		0.7	27	529	-	
88322		79		89	2	231	6320	-	
88323		51	-		0.7	72	1430	-	

Swastika Laboratories Ltd
AuAssay2001
7W-1554-RA1

05/03/2007	Au PPB		Au Check PPB		Ag g/tonne	Cu PPM	Zn PPM	Zn %
88324		7	-		0.7	140	314	-
88325		185	-		1.9	191	4010	-
88326		45	-		0.7	126	61	-
88327		75	-		1.6	204	2760	-
88328		69	-		1.2	388	67	-
88329		99	-		0.8	323	55	-
88330		41	-		0.8	165	140	-
88331		51	-		1.2	382	190	-
88332		34	-		0.8	137	77	-
88333		65	-		0.8	106	66	-
88334		62	-		0.5	79	70	-
88335		51		51	0.4	84	61	-
88336		55	-		0.2	31	17	-
88337		41	-		0.3	72	137	-
88338		41	-		0.8	147	69	-
88339		62	-		0.3	29	61	-
88340		55	-		0.8	160	102	-
88341		103	-		1.2	425	107	-
88342		62	-		0.4	165	141	-
88343		161	-		2	810	1850	-
88344		48	-		0.8	40	198	-
88345		69		51	0.4	25	53	-
88346		75	-		1.7	327	1270	-
88347		55	-		0.4	162	85	-
88348		62	-		0.3	78	51	-
88349		65	-		1.3	837	98	-
88350		69	-		0.9	804	78	-
88351		72	-		0.8	644	103	-
88352		55	-		0.4	137	127	-
88353		45	-		0.5	166	58	-
88354	Nil		-		2.4	1810	386	-
88355	Nil		-		0.7	163	207	-

Swastika Laboratories Ltd
AuAssay2001
7W-1663-RG1

5/15/07	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
88356	7	-	0.1	28	35
88357	17	-	0.1	102	65
88358	Nil	2	0.1	42	39
88359	51	-	0.1	70	48
88360	144	-	0.1	63	115
88361	Nil	-	0.1	79	220
88362	21	-	0.3	386	94
88363	2	-	0.2	223	35
88364	Nil	-	0.1	120	45
88365	Nil	-	0.3	367	51
88366	Nil	-	0.5	425	66
88367	Nil	-	0.1	43	26
88368	Nil	-	0.1	88	28
88369	17	-	0.1	90	47
88370	34	31	0.7	724	37
88371	89	-	0.3	290	35
88372	Nil	-	0.1	98	20
88373	Nil	-	0.1	195	17
88374	Nil	-	0.1	73	26
88375	Nil	-	0.1	63	31
88376	7	-	0.1	130	35
88377	291	-	0.4	699	25
88378	21	-	0.1	118	27
88379	24	-	0.2	230	44
88380	62	-	0.3	434	45
88381	Nil	-	0.1	104	34
88382	24	-	0.1	150	26
88383	14	-	0.1	138	54
88384	10	Nil	0.1	126	31
88385	189	-	0.1	248	27
88386	21	-	0.1	122	25
88387	Nil	-	0.1	123	35
88388	17	-	0.2	377	35
88389	Nil	-	0.1	62	28
88390	7	-	0.1	63	41
88391	7	-	0.1	161	94
88392	7	-	0.1	175	59
88393	10	-	0.1	111	27
88394	34	-	0.2	700	20
88395	7	-	0.1	141	26
88396	14	-	0.4	706	44
88397	7	-	0.2	169	31
88398	7	-	0.1	120	30
88399	Nil	-	0.1	77	36
88400	14	-	0.1	176	32
88401	Nil	-	0.2	215	43

Swastika Laboratories Ltd
AuAssay2001
7W-1663-RG1

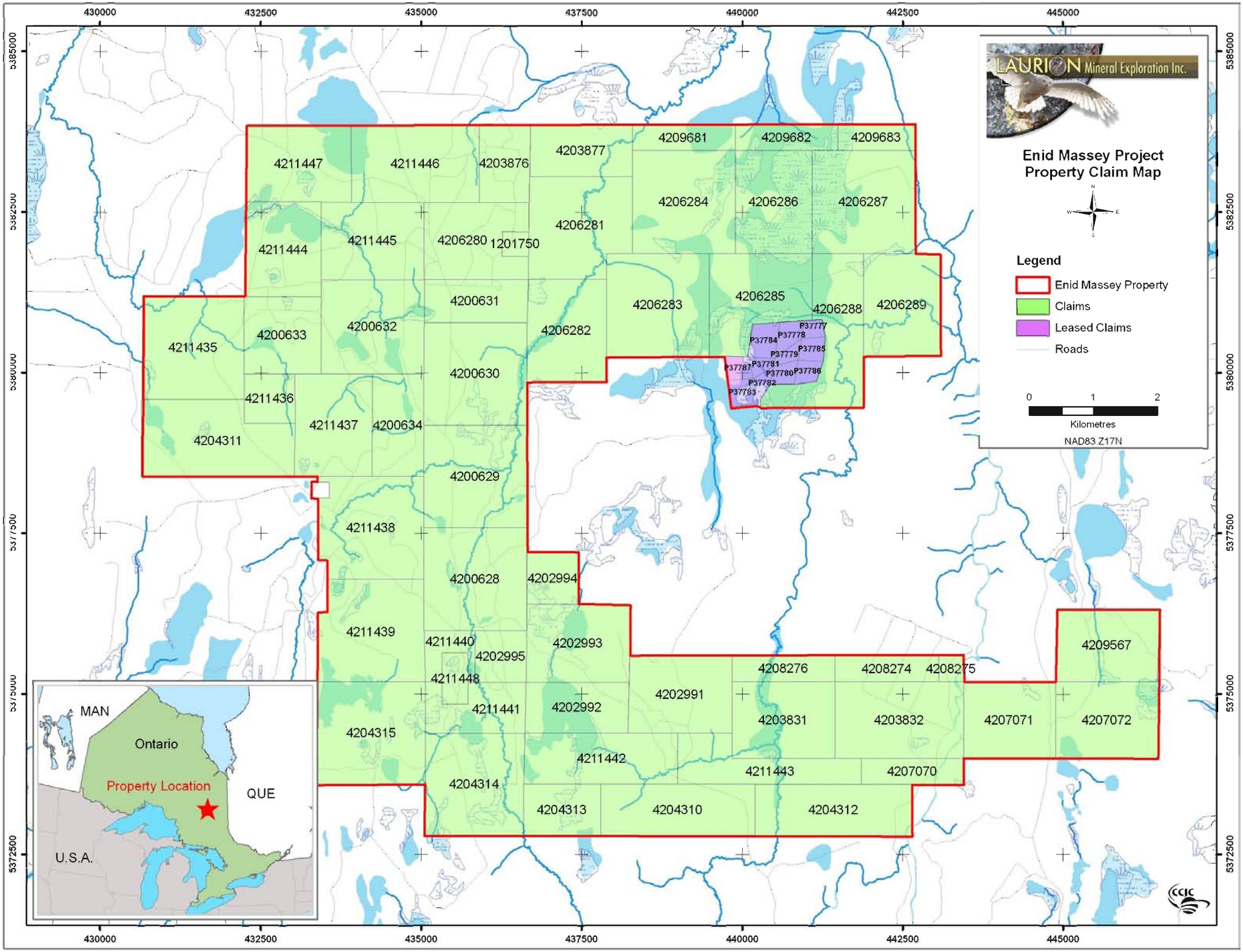
5/15/07	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
88402	Nil	-	0.1	143	22
88403	51	-	0.1	148	35
88404	240	240	0.3	843	48
88405	Nil	-	0.1	114	50
88406	7	-	0.2	222	50
88407	7	-	0.1	127	31
88408	7	-	0.1	137	33
88409	27	-	0.2	302	25
88410	24	-	0.4	568	39
88411	7	-	0.1	53	26
88412	Nil	-	0.1	61	25
88413	7	-	0.1	144	20
88414	93	-	0.1	68	19
88415	Nil	7	0.1	88	17
88416	10	-	2.3	1490	41
88417	Nil	-	0.2	36	47
88418	Nil	-	0.8	388	24
88419	Nil	-	0.2	157	35
88420	24	10	1.6	1190	33
88421	7	-	0.2	140	30
88422	31	-	0.2	79	41
Blank	Nil	-	-	-	-
STDOxJ47	2400	-	-	-	-

Swastika Laboratories Ltd
AuAssay2001
7W-1804-RG1

5/22/07	Au PPB	Au Check PPB	Cu PPM	Ni PPM	Pt PPB	Pd PPB
88423	2	-	52	71	<5	<5
88424	14	-	1070	97	<5	<5
88425	14	-	1610	1060	<5	<5
88426	3	-	45	60	<5	<5
88427	7	-	15	77	<5	<5
88428	2	-	93	53	<5	<5
88429	3	-	22	22	<5	<5
88430	7	-	274	172	<5	<5
88431	7	-	300	288	<5	<5
88432	10	-	680	559	<5	<5
88433	2	-	491	644	7	7
88434	7	-	122	137	<5	<5
88435	2	-	35	45	<5	<5
88436	Nil	-	9	10	<5	<5
88437	Nil	-	35	25	<5	<5
88438	Nil	-	144	84	17	10
88439	34	-	168	140	14	10
88440	Nil	-	257	187	14	14
88441	Nil	-	220	170	14	17
88442	7	-	323	248	24	24
88443	Nil	-	58	153	27	17
88444	Nil	-	7	13	<5	<5
88445	10	-	461	104	<5	<5
88446	Nil	3	772	3250	65	480
88447	3	-	132	54	<5	<5
88448	Nil	-	137	50	<5	<5
88449	Nil	-	126	44	<5	<5
88450	Nil	-	110	42	<5	<5
88451	10	-	125	44	45	14
88452	3	-	141	32	<5	<5
88453	Nil	-	125	35	<5	<5
88454	14	-	112	34	<5	<5
88455	Nil	-	78	16	<5	<5
88456	Nil	-	90	17	<5	<5
88457	Nil	-	81	15	<5	<5
88458	Nil	-	57	38	<5	<5
88459	Nil	-	279	57	<5	<5
88460	Nil	-	61	31	<5	<5
88461	Nil	-	78	37	<5	<5
88462	Nil	-	19	17	<5	<5
88463	Nil	-	145	53	<5	<5
88464	Nil	-	138	37	<5	<5
88465	21	-	149	31	<5	<5
88466	2	-	71	33	<5	<5
88467	27	-	130	45	<5	<5
88468	41	-	375	63	<5	<5

Swastika Laboratories Ltd
AuAssay2001
7W-1804-RG1

5/22/07	Au PPB	Au Check PPB	Cu PPM	Ni PPM	Pt PPB	Pd PPB
88469	7	-	50	28	<5	<5
88470	10	-	101	33	<5	<5
88471	7	-	102	29	<5	<5
88472	17	-	17	25	<5	<5
88473	2	-	12	25	<5	<5
88474	10	-	75	36	<5	<5
88475	2	7	169	55	<5	<5
88476	14	-	155	40	<5	<5
88477	24	-	268	79	<5	<5
88478	10	-	450	120	<5	<5
88479	7	-	44	25	<5	<5
88480	14	-	266	51	<5	<5
88481	10	-	90	31	<5	<5


LAURION Mineral Exploration Inc.
Enid Massey Project
Property Claim Map
Legend
Enid Massey Property
Claims
Leased Claims
Roads
0 1 2
Kilometres
NAD83 Z17N
4211447
4211446
4203876
4203877
4209681
4209682
4209683
4211444
4211445
4206280
1201750
4206281
4206284
4206286
4206287
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MAN
Ontario
Property Location
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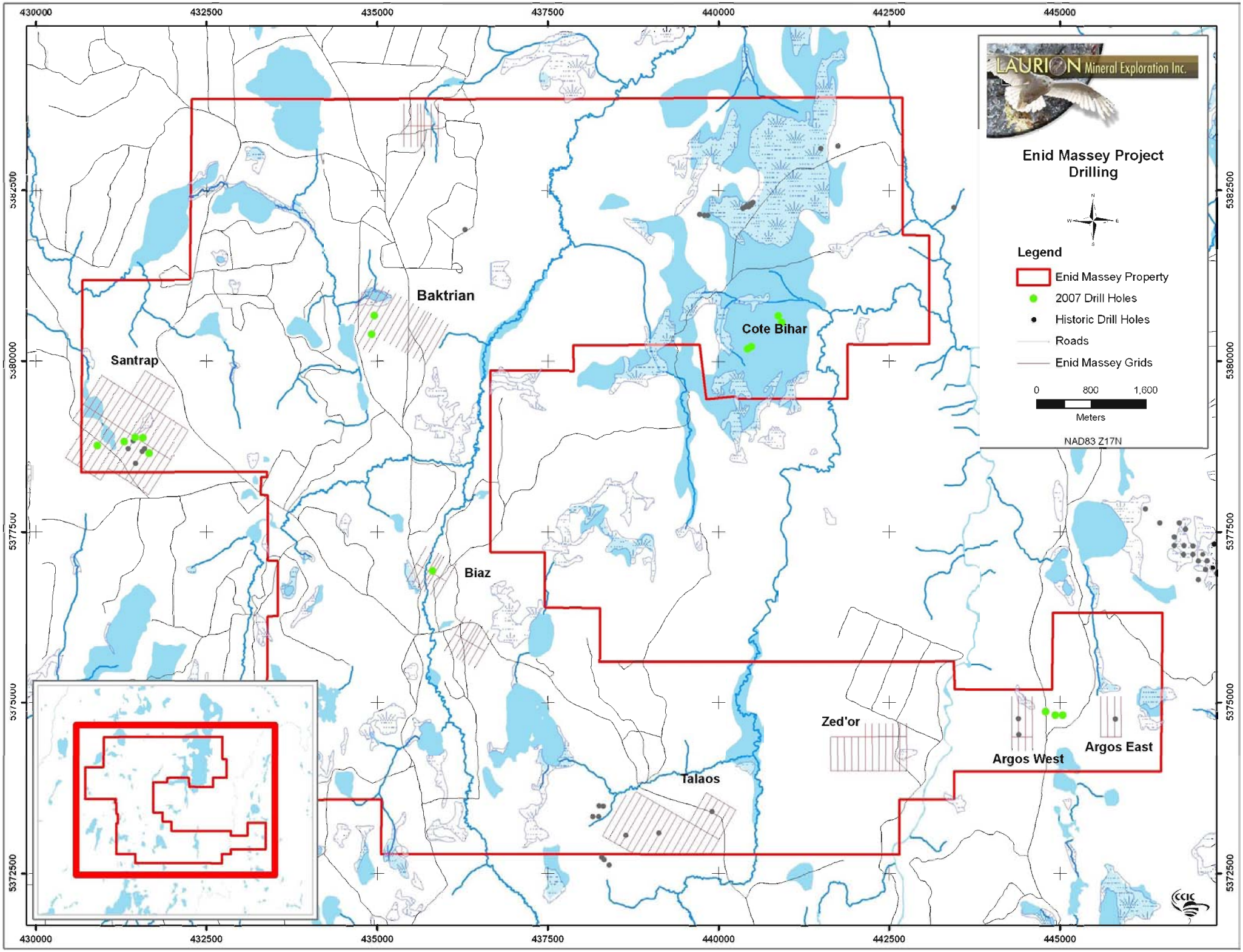
LAURION Mineral Exploration Inc.
Enid Massey Project Drilling
Legend
Enid Massey Property
2007 Drill Holes
Historic Drill Holes
Roads
Enid Massey Grids
0
800
1,600
Meters
NAD83 Z17N
Baktrian
Santrap
Cote Bihar
Biaz
Zed'or
Talaos
Argos West
Argos East
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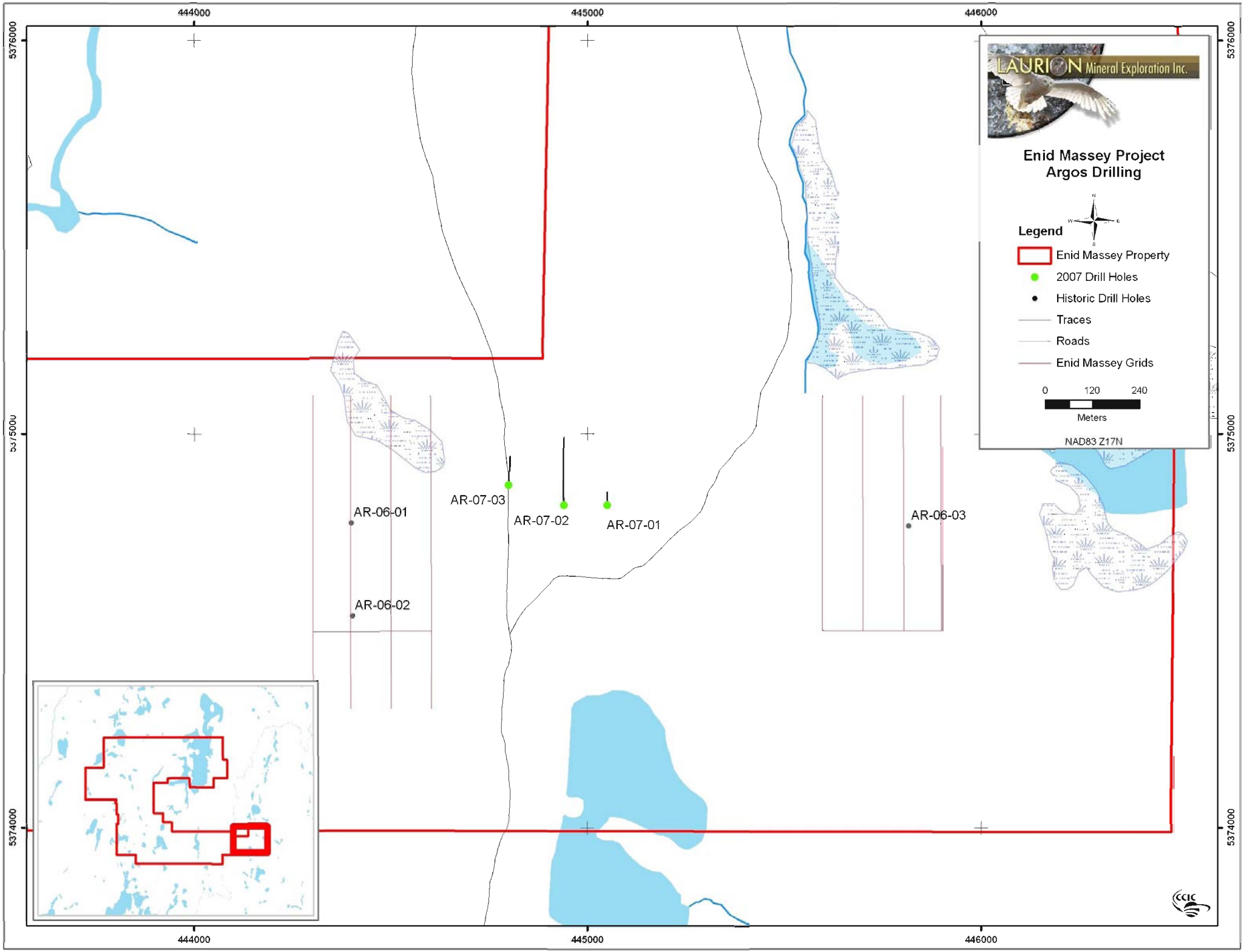
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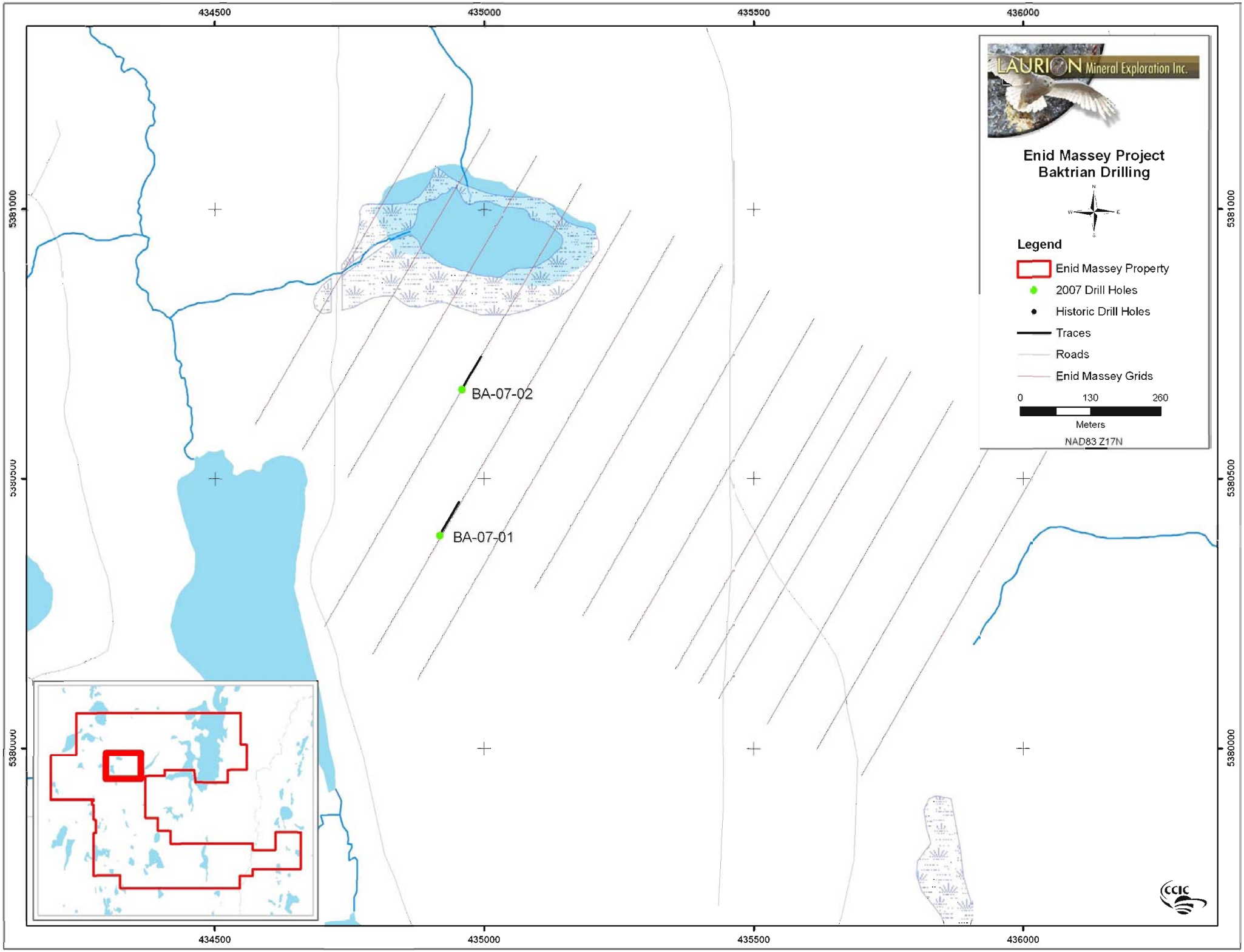
LAURION Mineral Exploration Inc.
Enid Massey Project
Argos Drilling
Legend
Enid Massey Property
2007 Drill Holes
Historic Drill Holes
Traces
Roads
Enid Massey Grids
0
120
240
Meters
NAD83 Z17N
AR-06-01
AR-06-02
AR-06-03
AR-07-01
AR-07-02
AR-07-03


434500
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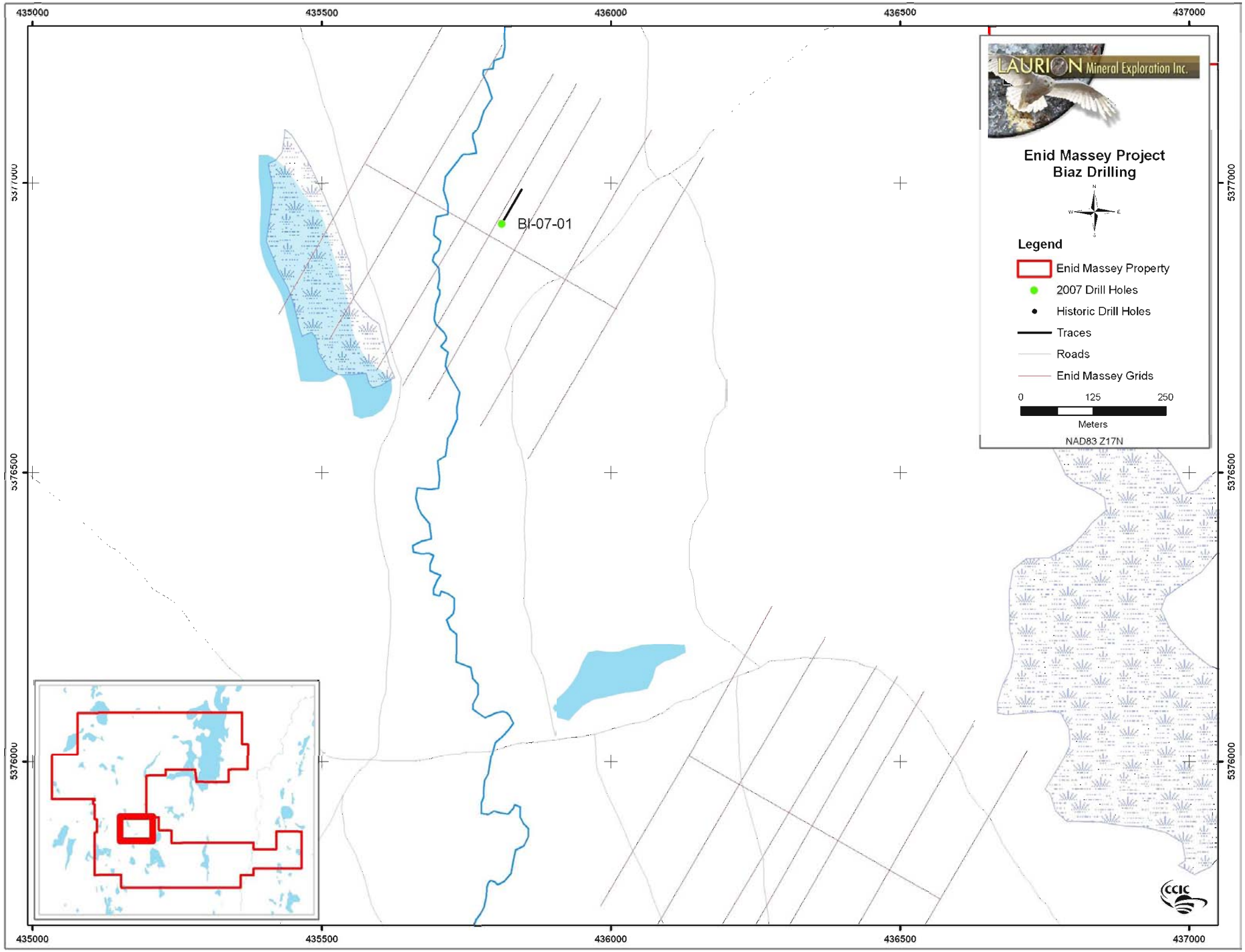
5380500
5380000
LAURION Mineral Exploration Inc.
Enid Massey Project
Baktrian Drilling
Legend
Enid Massey Property
2007 Drill Holes
Historic Drill Holes
Traces
Roads
Enid Massey Grids
0
130
260
Meters
NAD83 Z17N
BA-07-02
BA-07-01
CCIC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436000
436500
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5376500
5376000
BI-07-01
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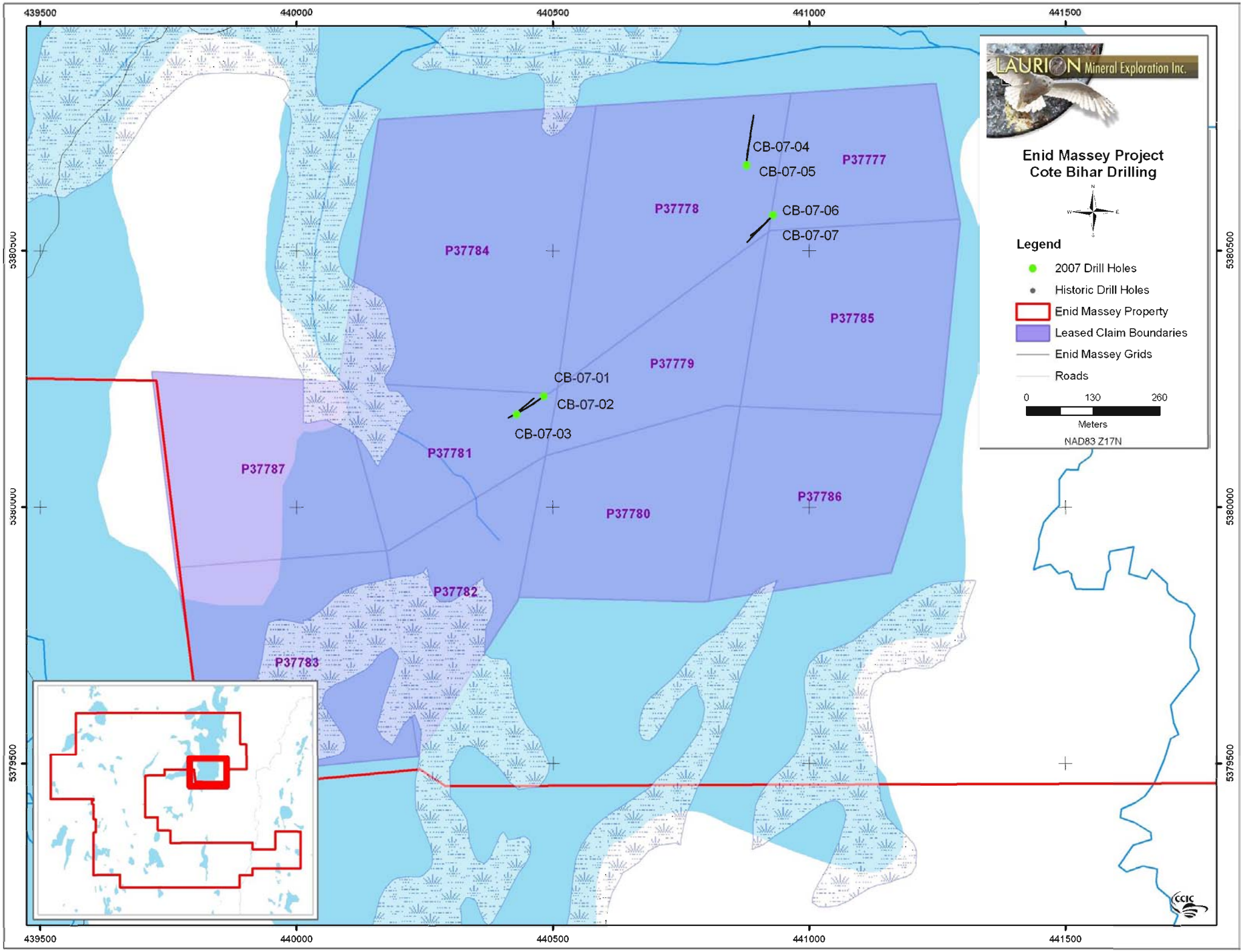
Enid Massey Project
Biaz Drilling
N
W
E
S
Legend
Enid Massey Property
2007 Drill Holes
Historic Drill Holes
Traces
Roads
Enid Massey Grids
0
125
250
Meters
NAD83 Z17N
CCIC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5380500
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5379500
LAURION Mineral Exploration Inc.
Enid Massey Project
Cote Bihar Drilling
Legend
2007 Drill Holes
Historic Drill Holes
Enid Massey Property
Leased Claim Boundaries
Enid Massey Grids
Roads
0
130
260
Meters
NAD83 Z17N
CB-07-04
CB-07-05
CB-07-06
CB-07-07
CB-07-01
CB-07-02
CB-07-03
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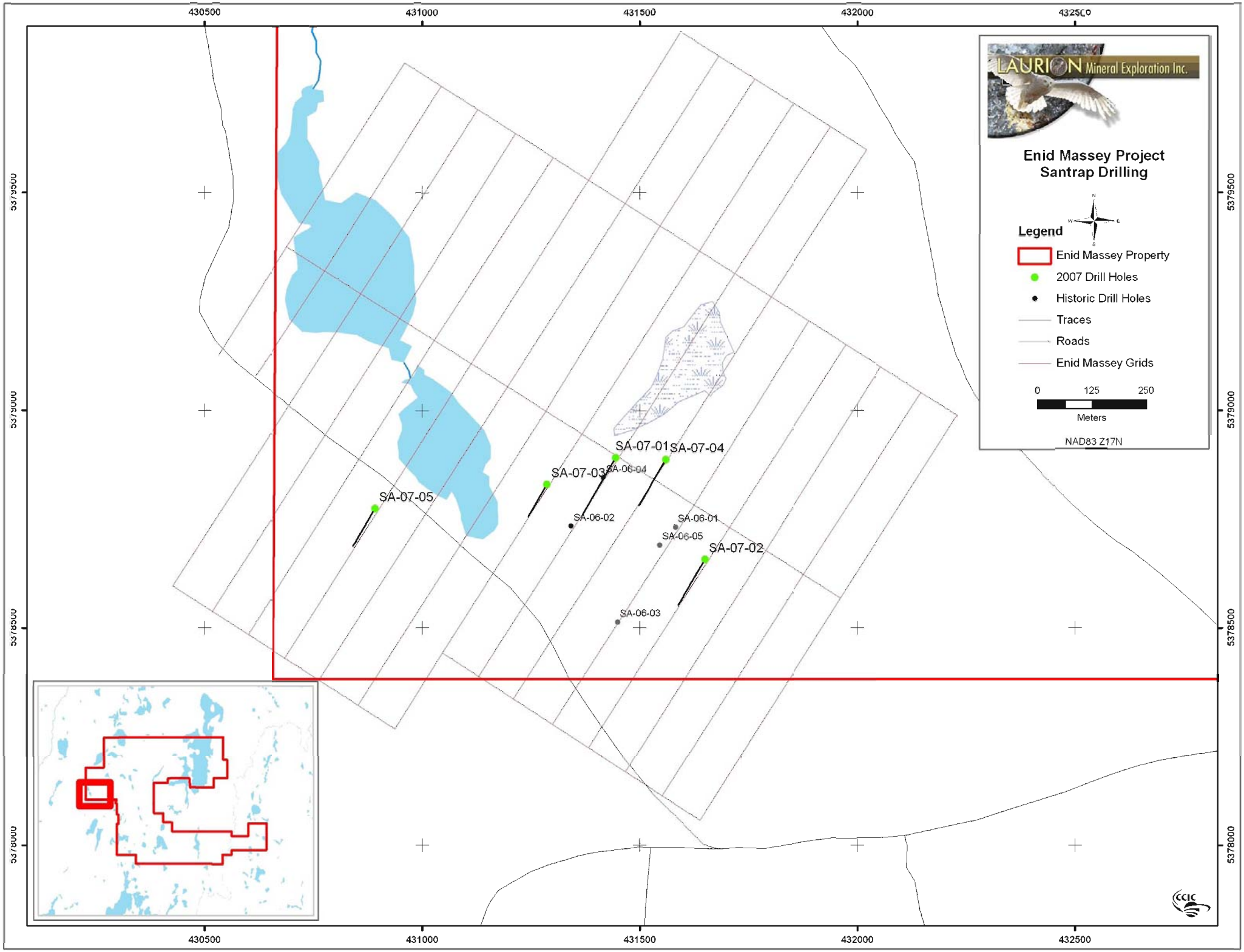
P37782
P37783


LAURION Mineral Exploration Inc.
Enid Massey Project
Santrap Drilling
Legend
Enid Massey Property
2007 Drill Holes
Historic Drill Holes
Traces
Roads
Enid Massey Grids
0
125
250
Meters
NAD83 Z17N
SA-07-01
SA-07-04
SA-07-03
SA-06-04
SA-07-05
SA-06-02
SA-06-01
SA-06-05
SA-07-02
SA-06-03
430500
431000
431500
432000
432500
5379500
5379000
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5374800.0 N

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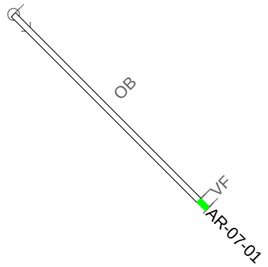
5375000.0 N

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

5374800.0 N

5374900.0 N

Enid-Massey Project

AR-07-01

Facing: 270°

1:1000 metres

0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5374800.0 N

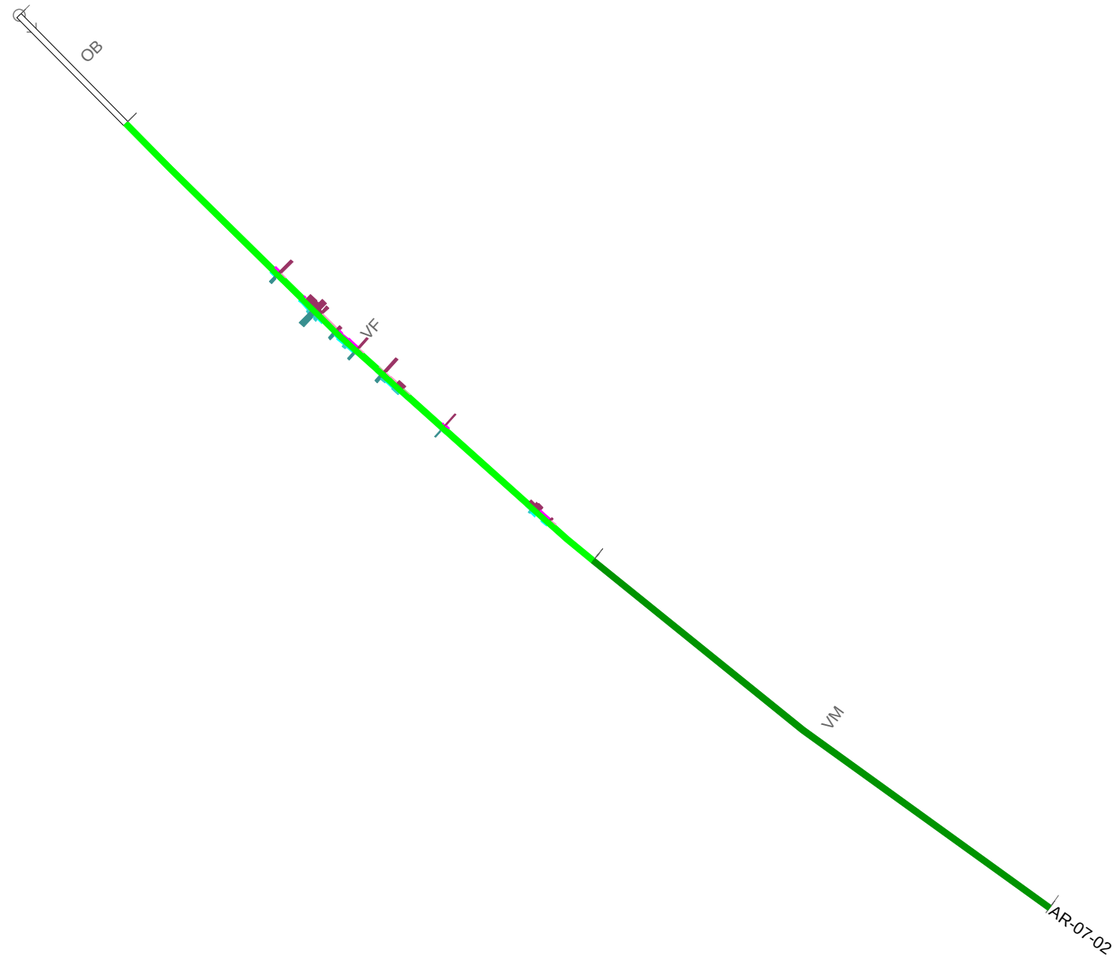
5374900.0 N

5375000.0 N

5375100.0 N

300.0 Elev

200.0 Elev



Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

5374900.0 N

5375000.0 N

Enid-Massey Project

AR-07-02	Facing: 270°

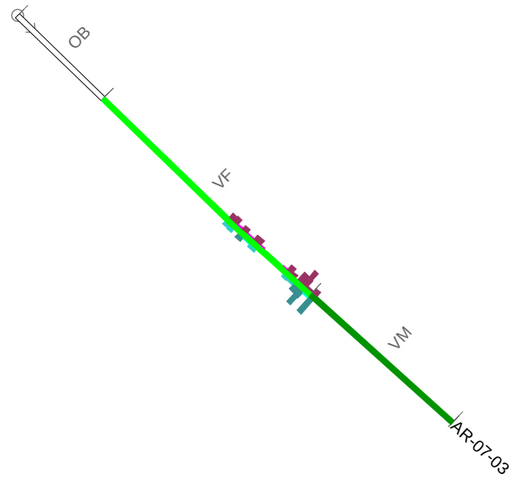
1:1000 metres

0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5374700.0 N
5374800.0 N
5374900.0 N
5375000.0 N
5375100.0 N

300.0 Elev



200.0 Elev

Stratigraphy
- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

Enid-Massey Project

AR-07-03 | Facing: 270°

1:1000 metres
0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5380300.0 N

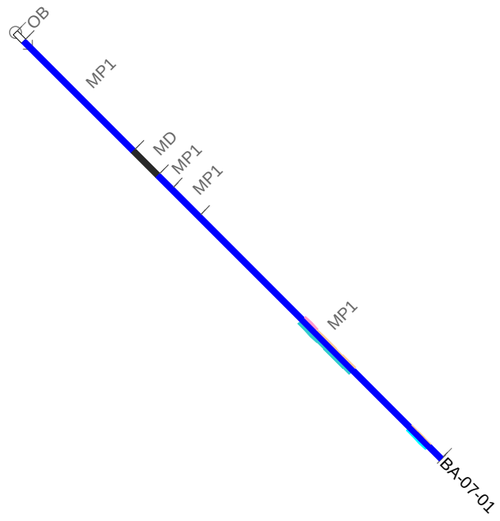
5380400.0 N

5380500.0 N

5380600.0 N

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Ni (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

5380400.0 N

5380500.0 N

Enid-Massey Project

BA-07-01	Facing: 270°

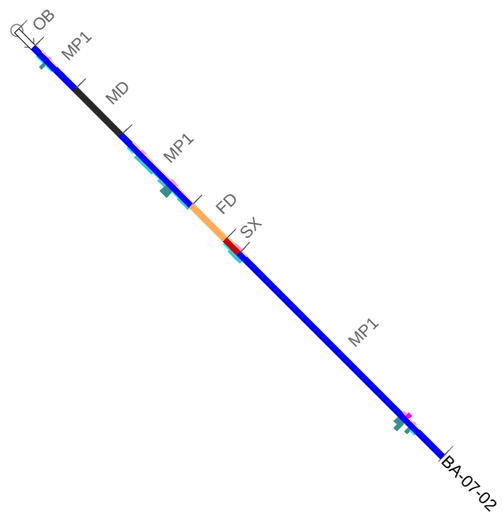
1:1000 metres

0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5380500.0 N
5380600.0 N
5380700.0 N
5380800.0 N
5380900.0 N

300.0 Elev
300.0 Elev



200.0 Elev
200.0 Elev

Stratigraphy
- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
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- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

Ni (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

5380500.0 N
5380600.0 N
5380700.0 N
5380800.0 N
5380900.0 N

Enid-Massey Project

BA-07-02 | Facing: 270°

1:1000 metres
0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5376800.0 N

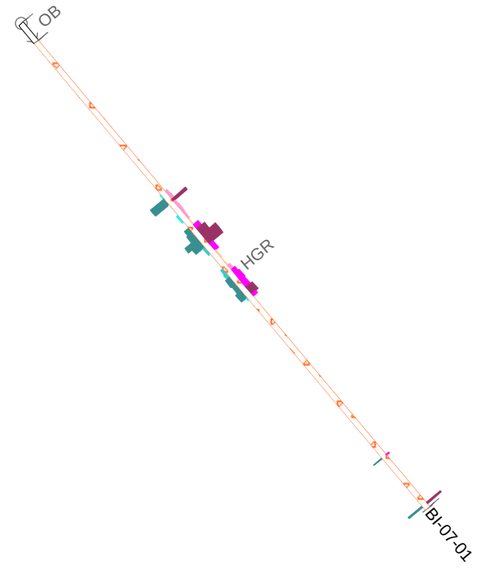
5376900.0 N

5377000.0 N

5377100.0 N

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Ni (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

5376900.0 N

5377000.0 N

Enid-Massey Project

BI-07-01	Facing: 270°

1:1000 metres

0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5380100.0 N

440400.0 E

5380200.0 N

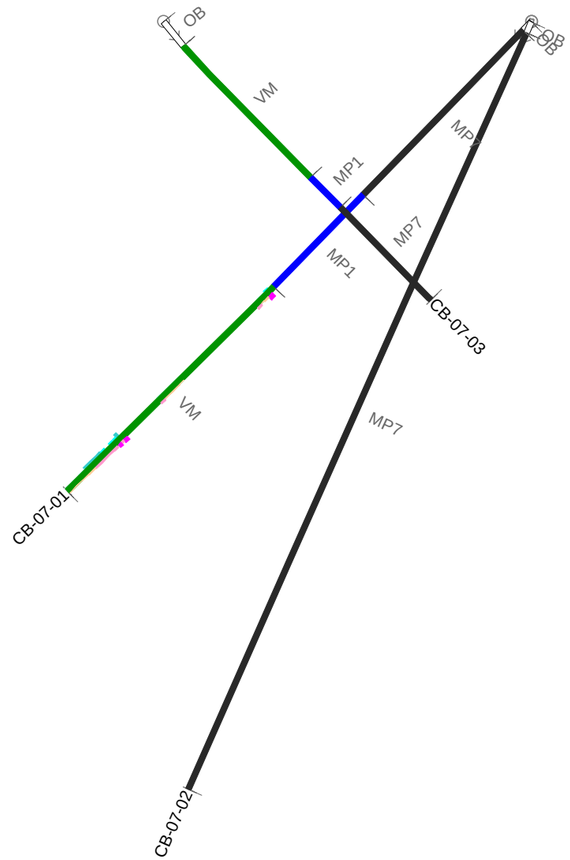
440500.0 E

5380300.0 N

440600.0 E

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy
- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
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- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

Ni (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

5380200.0 N

440500.0 E

5380300.0 N

Enid-Massey Project

CB-07-01 / CB-07-02 / CB-07-03

Facing: 310°

1:1000 metres

0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5380600.0 N

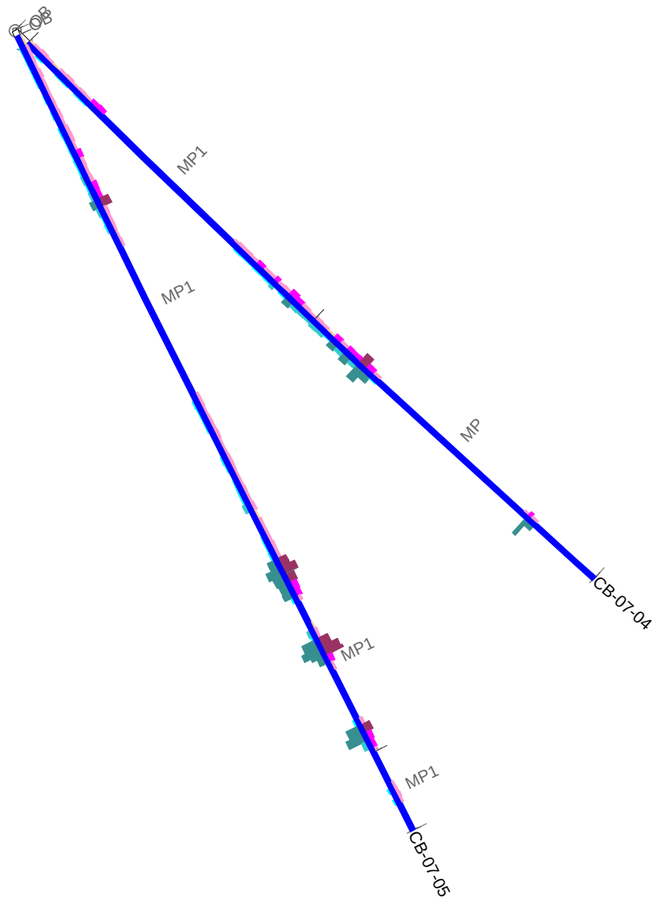
5380700.0 N

5380800.0 N

5380900.0 N

300.0 Elev

200.0 Elev



Stratigraphy
- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

Ni (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

5380700.0 N

5380800.0 N

Enid-Massey Project

CB-07-04 / CB-07-05

Facing: 270°

1:1000 metres

0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5380400.0 N

5380500.0 N

440900.0 E

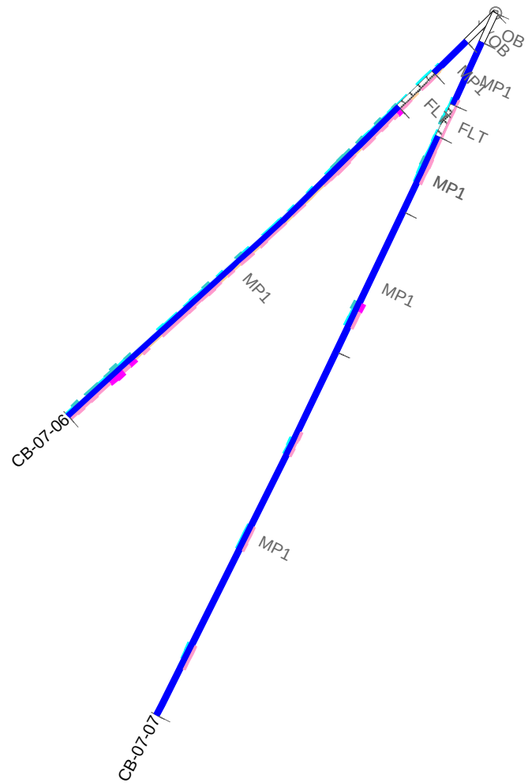
5380600.0 N

441000.0 E

5380700.0 N

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy
- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

Ni (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

5380500.0 N

440900.0 E

5380600.0 N

Enid-Massey Project

CB-07-06 / CB-07-07

Facing: 300°

1:1000 metres

0 5 10 15 20 25 30

CCIC CARACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5378700.0 N

431400.0 E

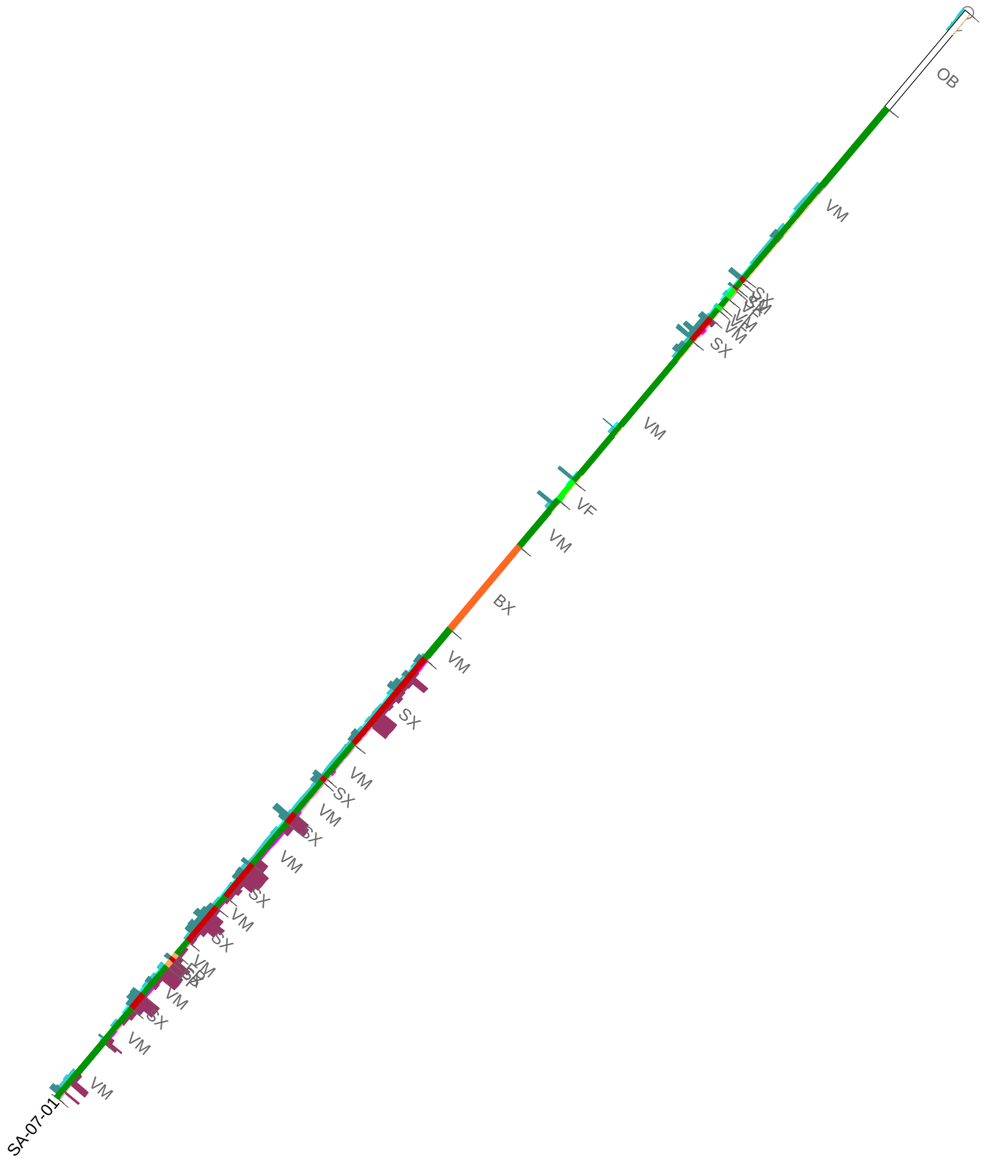
5378800.0 N

5378900.0 N

431500.0 E

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
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- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

431400.0 E

5378800.0 N

5378900.0 N

431500.0 E

Enid-Massey Project

SA-07-01

Facing: 300°

1:1000 metres

0 5 10 15 20 25 30

CARACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5378500.0 N

431600.0 E

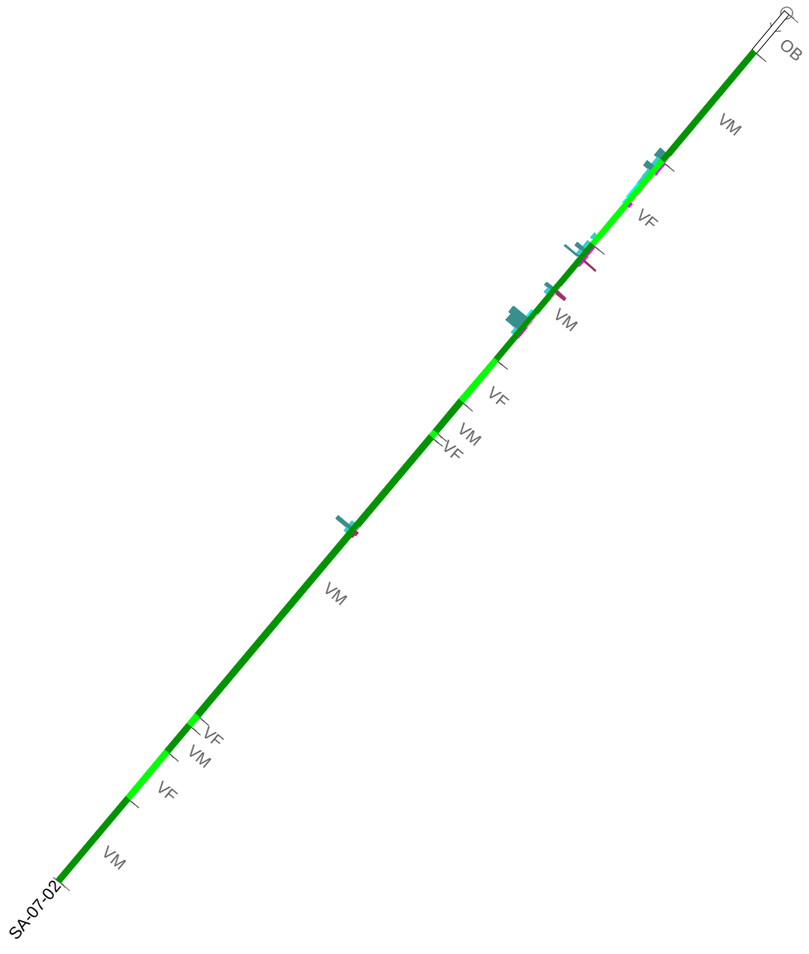
5378600.0 N

5378700.0 N

431700.0 E

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

431600.0 E

5378600.0 N

5378700.0 N

431700.0 E

Enid-Massey Project

SA-07-02	Facing: 300°

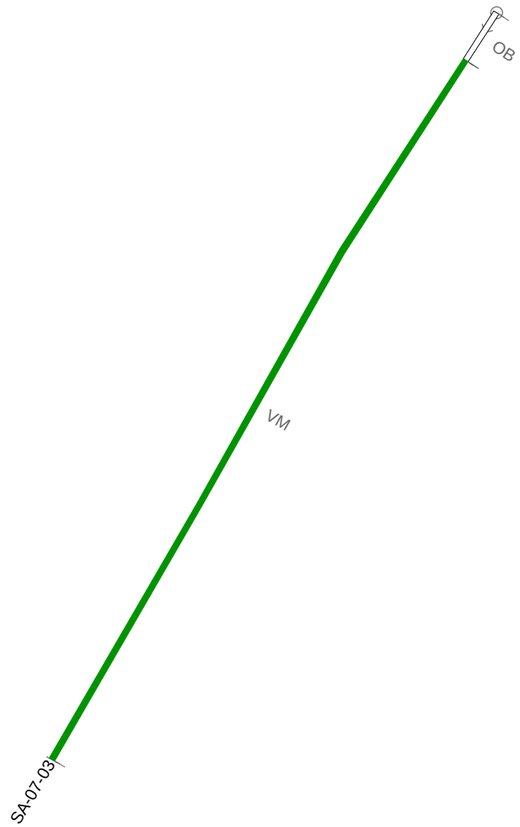
1:1000 metres

0 5 10 15 20 25 30

CARACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5378600.0 N
5378700.0 N
5378800.0 N
5378900.0 N
5379000.0 N

300.0 Elev
300.0 Elev



200.0 Elev
200.0 Elev

Stratigraphy
- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
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- MP7 - Diabase
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Cu (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)
- < 50
- 50 - 100
- 100 - 200
- > 200

5378600.0 N
5378700.0 N
5378800.0 N
5378900.0 N
5379000.0 N

Enid-Massey Project

SA-07-03

Facing: 270°

1:1000 metres
0 5 10 15 20 25 30

CARACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

5378700.0 N

431500.0 E

5378800.0 N

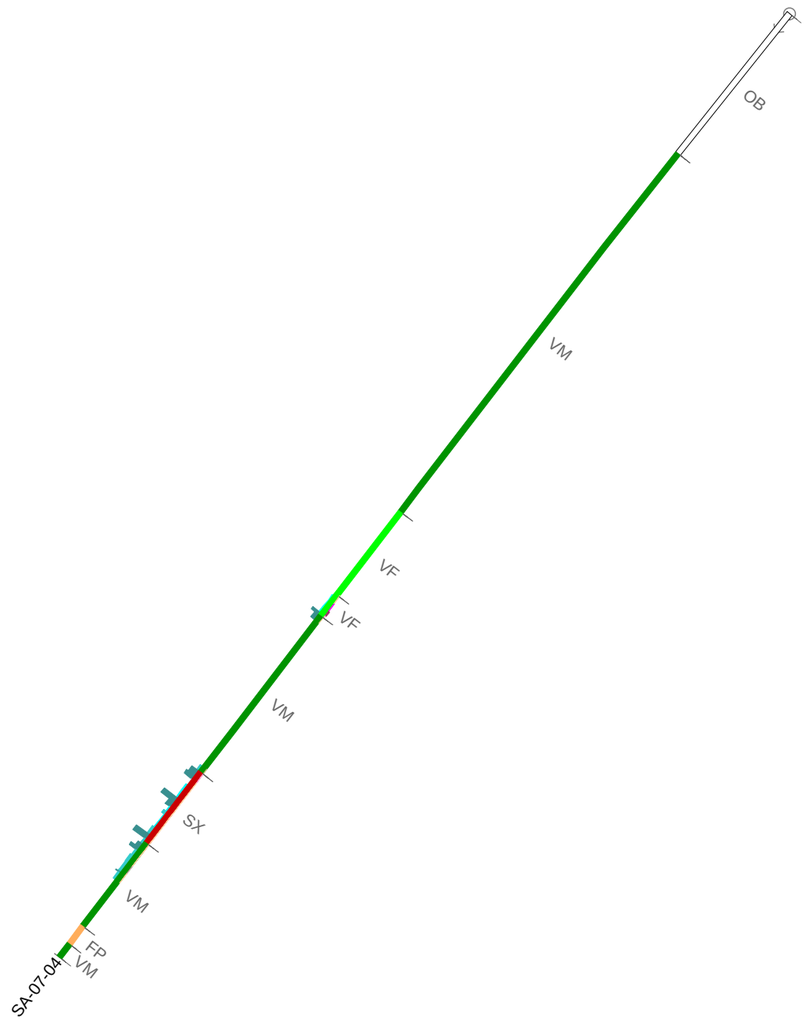
5378900.0 N

431600.0 E

5379000.0 N

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

5378800.0 N

5378900.0 N

431600.0 E

Enid-Massey Project

SA-07-04

Facing: 300°

1:1000 metres

0 5 10 15 20 25 30

CABACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management

430800.0 E

5378600.0 N

5378700.0 N

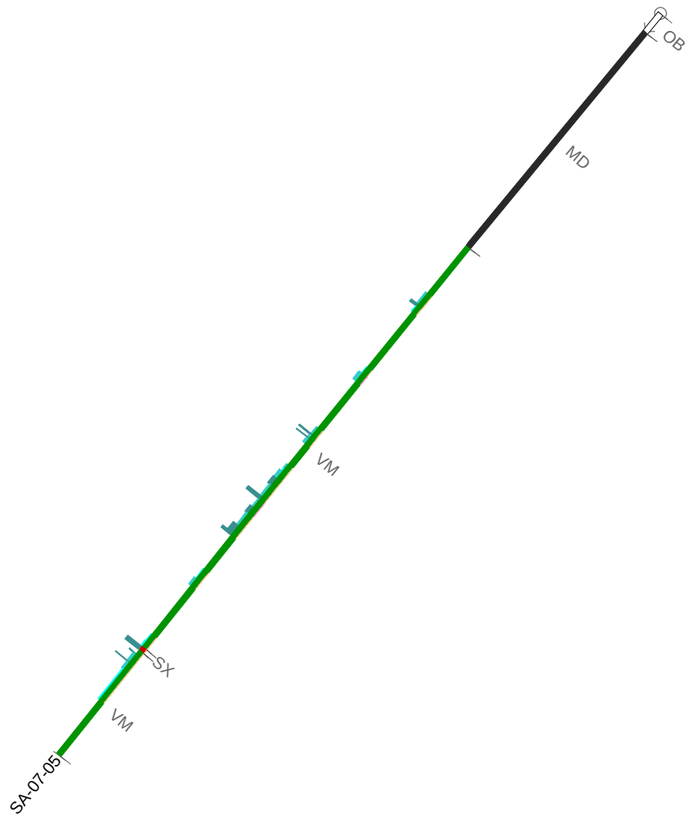
430900.0 E

5378800.0 N

5378900.0 N

300.0 Elev

300.0 Elev



200.0 Elev

200.0 Elev

Stratigraphy

- OB - Overburden
- HGR - Hybrid Granitized Rocks
- FLT - Fault
- SZ - Shear Zone
- QV - Quartz Vein
- BX - Breccia
- SX - Sulphide Zone
- FP - Felsic Intrusive Rocks
- FP8 - Aplite Dike
- MP - Mafic Intrusive Rocks
- MP1 - Gabbro
- MP7 - Diabase
- VF - Felsic Metavolcanics
- VM - Mafic Metavolcanics

Cu (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

Zn (ppm)

- < 50
- 50 - 100
- 100 - 200
- > 200

5378700.0 N

430900.0 E

5378800.0 N

Enid-Massey Project

SA-07-05

Facing: 300°

1:1000 metres

0 5 10 15 20 25 30

CARACLE CREEK INTERNATIONAL CONSULTING INC.
Geological Consultants - Project Management