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A Report on the

Laurion Mineral Exploration Inc.

Stripping and Sampling Program

Baktrian Sector

Enid-Massey Project

Enid Township, Ontario

Porcupine Mining Division,

By

Leslie Allan Tihor, Geologist

February, 2007

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1. Summary

During 2006, Laurion's exploration program on their Enid-Massey property included search for gabbro-hosted Ni/Cu and Platinum Group Metals (PGM's) in the northwest portion of the property designated the Baktrian Sector (Fig. 2). An area immediately south of Guppy Lake and east of Sweet Lake, on claim 4200632, was chosen, because of favourable geology and good outcrop exposure, to be extensively stripped, geologically mapped and rock-sampled. Rehabilitation of access roads, and power stripping and washing were carried out by G. Morin Logging Ltd during the month of July. This was followed by channel sampling in August by Vision Exploration and geological mapping by Leslie Tihor, Tihor GeoWeb Services in August. 82 chip samples were taken from 25 sections sawn with a portable gasoline powered rocksaw. Only one sample assayed higher than 21ppb in Au (267ppb). No significantly anomalous values were found for Pt or Pd. Cu values range up to 1715ppm and values above 200ppm were found in rusty, coarse grained gabbro and in basalt at the contact with gabbro near the Cu-Ni showing. Ni values up to 349ppm are coincident with the higher Cu values.

2. Introduction and Terms of Reference

This is a report of overburden stripping, geologic mapping and rock sampling on the Baktrian Sector, northwest portion of Laurion's Enid-Massey Property.

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 430000E to 447000E and 5373000N to 5384000N. The property consists of 56 staked claims containing 589 units, or approximately 9535 hectares and has been divided into sectors for reference purposes. The work described in this report was carried out in the west part of the Baktrian Sector (fig. 2).

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. At km 37.5, Mallette Road, Fortune Road proceeds northward. The area of stripping is accessible by 4 wheel drive vehicle from about km 3 on Fortune Road.

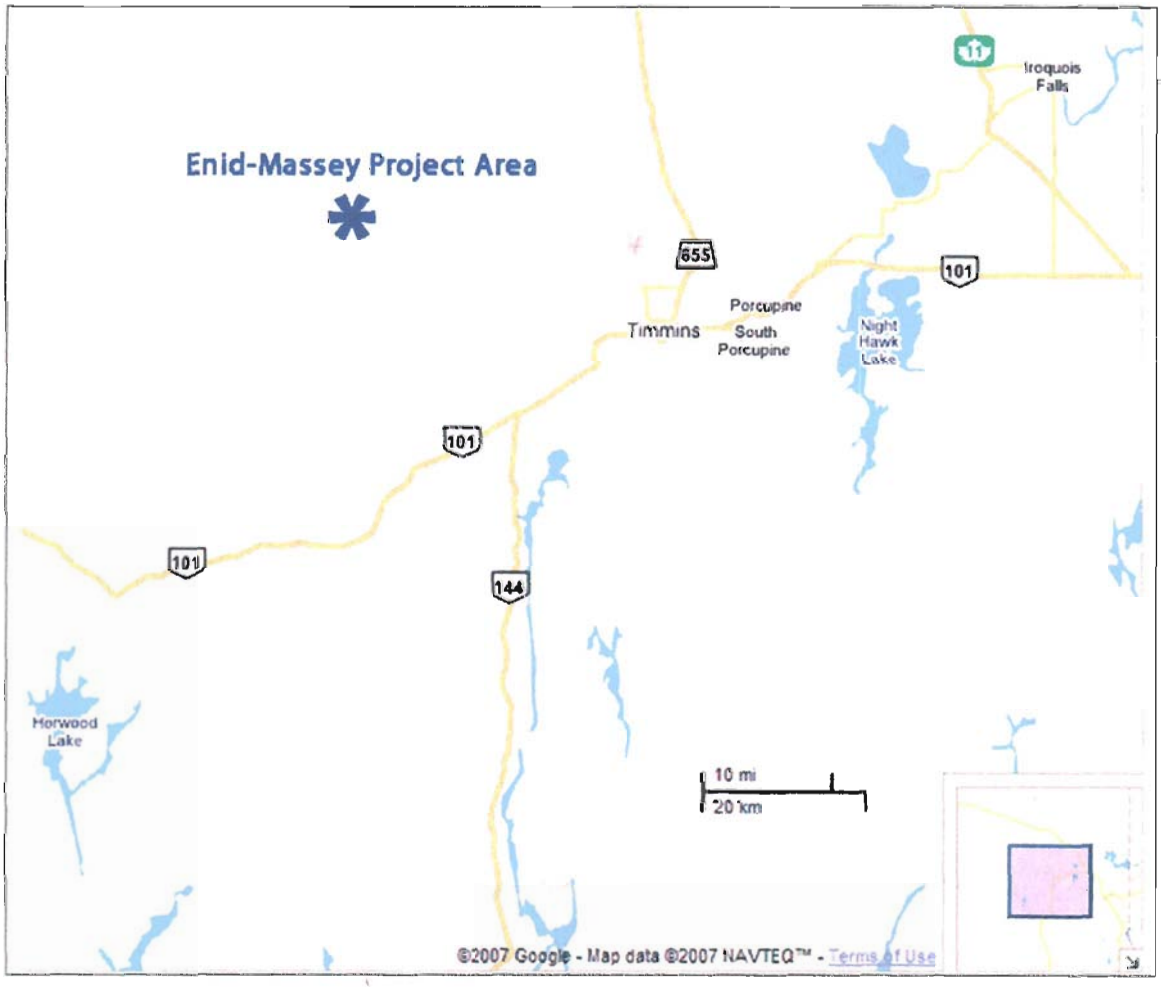
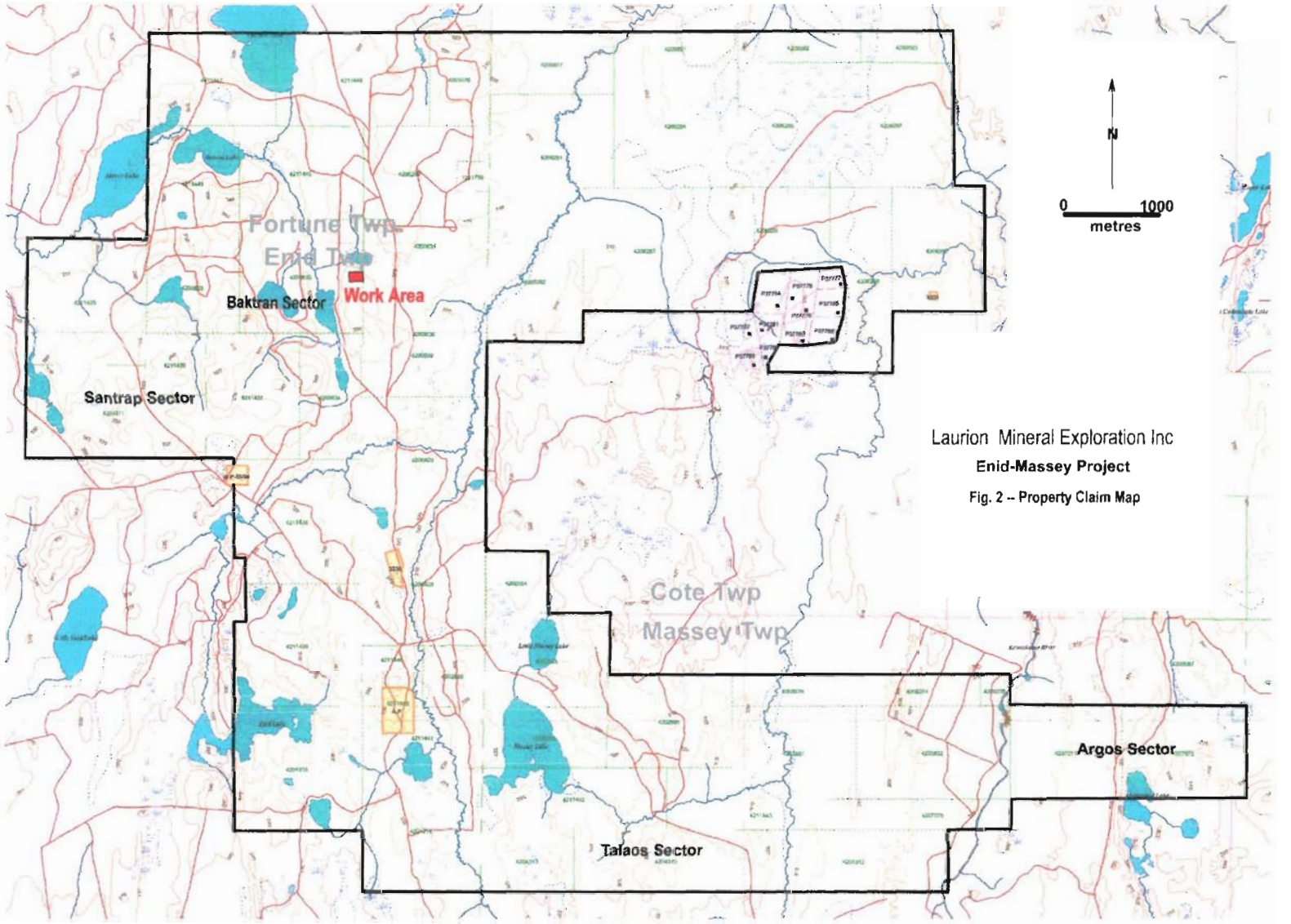


Fig. 1 – Property Location


Fortune Twp
Enid Twp
Work Area
Baktran Sector
Santrap Sector
Cote Twp
Massey Twp
Argos Sector
Talaos Sector
N
0
1000
metres
Laurion Mineral Exploration Inc
Enid-Massey Project
Fig. 2 -- Property Claim Map

5. History

As the Enid-Massey property is very large, previous work will be described for only the Baktrian Sector, for which work is being reported in this report:

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.

Laurion Gold, Inc. staked the area in 2005.

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.

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 reasonable be 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. 2006 Stripping and Sampling Program

7.1. Purpose of This Work Program:

There were two primary targets for this exploration program. Economic Cu-Ni mineralization is being mined at Xstrata's Montcalm Nickel Mine in similar gabbroic rocks about 25km to the west. The two historic minor Cu-Ni showings in the Baktrian area and weak airborne conductors in this area suggest the potential for similar deposits here. However, the main reason for the large stripping in the vicinity of the gabbro/basalt contact was to test the potential for gravity differentiated seams of PGM's hosted by minor disseminated sulphide mineralization at or near the basalt/gabbro contact.

7.2. Nature of 2006 Work Program:

Previous mapping by Dominion Gulf in the vicinity of their west Cu-Ni showing indicated a folded contact between mafic volcanics and the extreme northwest end of the Kamiskotia Gabbro Complex. Prospecting by Laurion Gold found the area to have excellent outcrop exposure and many indications of patchy sulphide and magnetite concentrations. It was decided that this would be an excellent location to map the gabbro/volcanic contact and the various phases of gabbro, and to do detailed rock sampling to test for Cu-Ni and PGM concentrations along the contact. G. Morin Logging Ltd of Hearst was hired to strip and wash an area approximately 100m by 60m in area. Vision Lake Exploration of Timmins was then contracted to saw and chip channel samples in areas of shear zones, contacts, sulphide mineralization and unusual rock types. The samples were collected by geologist, Leslie Tihor, and were sent for analysis to ALS/Chemex Laboratories. The samples were analyzed for Au, Pt and Pd by Fire Assay with ICPAES finish, as well as multi-element analysis by ICPMS. Leslie Tihor mapped the geology at a scale of 1:250.

7.3. Results:

The bedrock geology of the stripped area consists almost entirely of various phases of gabbroic intrusion with two minor areas exposing the gabbro/basalt contact (Fig. 3). Two small, elongate aplitic bodies intrude gabbro near the gabbro/basalt contact and contain small amounts of barren white quartz lenses. Well developed, continuous, anastomosing shear zones up to 2m in width traverse the stripped area in a roughly east-west direction. All rocks and structures are cut by a 4m wide massive diabase dyke striking roughly 315 deg across the central portion of the stripping (photos in Appendix A).

The gabbro has been subdivided into 4 types based on visual and magnetic criteria. The weakly magnetic, medium grained gabbro (2a), the layered gabbro (2b), and the coarse grained gabbros (2c, 2d) are clearly separate phases with intrusive contacts with each other. The coarse grained gabbros are further subdivided into pegmatitic, very magnetic gabbro (2c) and coarse grained, very magnetic gabbro (2d). These two types have gradational contacts and are part of the same intrusive event. The 2c and 2d gabbros contain all of the samples showing strongly anomalous Cu/Ni assays as well as the known Cu/Ni showings. They also contain scattered concentrations of massive to near massive magnetite.

This program had two types of target mineralization: Cu-Ni-PGM sulphide deposits and so-called no-see-um PGM deposits, i.e, gravity differentiated PGM deposits with little or no sulphide mineralization located in the basal portions of layered gabbro bodies. Sampling profiles were taken across gabbro/basalt contacts, into basal portions of the gabbro, across layered gabbro sections, across shear zones and sulphide and magnetite mineralized sections (Fig. 3). 25 rock sections, about 4cm wide and 4cm deep were cut with a gasoline powered diamond rock saw. Samples were nominally 1m in length, but varied with changes in rock type or mineralization. Precious metals, Au, Pt and Pd all returned assays too low to be of interest. Cu and Ni values tended to run together, the higher Cu and Ni values being found in rusty, coarse grained gabbro and along the gabbro/basalt contact near the Ni/Cu showing in the southeast corner of the stripping. The best Cu assay was 1715ppm, found along with the best Ni assay, 349ppm in sample channel X, near the Ni/Cu showing. There were many Cu and Ni assays in the 100's of ppm range (Table 1).

8. Conclusions and Recommendations

Although the environment sampled was typically anomalous in Cu and Ni content, no mineralization of potential economic interest was found. No further work is recommended in the immediate area of the stripping.

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 2158, 228-4th Avenue, Cochrane, Ontario, P0L 1C0. My field office is located 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 Gold Inc.

6) I have based this report on a review of existing documentation and personal sampling and geological mapping of the study area.

7) I am not aware of any material fact or material change with respect to the subject matter of this Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

7) I have read National Instrument 43-101 and Form 43-101F1, and this Technical Report has been prepared in compliance with that instrument and form.

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

Signed and dated this 31st day of January, 2007, at Timmins, Ontario.

Leslie Allan Tihor, HBSc Geology

10. References

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

Wolfe, W.J. 1970. Distribution of copper, nickel, cobalt, and sulfur in mafic intrusive rocks of the Kamiskotia—Whitesides area, District of Cochrane; Ontario Department of Mines, Miscellaneous Paper 44, 28p.

Table 1 – Geochemical Analyses of Chip Samples

SAMPLE #	UTM E	(NAD83) N	Au(ppm)	Pt(ppm)	Pd(ppm)	Al(ppm)	Co(ppm)	Cr(ppm)	Cu(ppm)	Fe(ppm)	Ni(ppm)	P(ppm)	V(ppm)	Zn(ppm)	Location	Sample Width (m. north)	Description
651	434892	5380768	0.001	<0.005	<0.001	2.66	49	5	88	5.97	1	220	258	66	Channel A	0-0.8	medium grained gabbro
652	434892	5380768	0.001	<0.005	<0.001	4.89	53	24	90	9.14	24	380	393	119	Channel A	0.8-1.85	shear zone
653	434892	5380768	0.004	0.019	0.017	2.94	22	8	177	4.65	53	440	166	56	Channel A	1.85-2.2	diabase
654	434897	5380767	<0.001	<0.005	<0.001	3.12	27	19	9	4.35	24	430	54	79	Channel B	0-1.0	mixed layered anorthosite/gabbro sills
655	434897	5380767	0.004	<0.005	<0.001	4.18	45	26	88	7.26	35	370	194	101	Channel B	1.0-1.8	shear zone
656	434897	5380767	0.003	0.014	0.016	3.1	26	12	169	5.43	62	550	177	58	Channel B	1.8-2.5	diabase
657	434909	5380766	<0.001	<0.005	<0.001	3.1	26	13	61	4.94	33	320	81	83	Channel C	0-0.8	mixed layered anorthosite/gabbro sills
658	434909	5380766	0.001	<0.005	<0.001	2.39	31	10	47	4.9	32	150	124	66	Channel C	0.8-1.8	mixed layered anorthosite/gabbro sills
659	434909	5380766	0.005	<0.005	<0.001	2.73	30	6	39	5.45	24	150	108	83	Channel C	1.8-2.6	mixed layered anorthosite/gabbro sills
660	434895	5380751	0.004	<0.005	<0.001	2.61	37	2	62	5.56	15	120	208	72	Channel D	0-0.35	mixed layered anorthosite/gabbro sills
661	434895	5380751	0.005	<0.005	0.014	4.25	39	22	165	7.7	16	280	227	107	Channel D	0.35-1.4	shear zone with 15-20% quartz
662	434896	5380742	<0.001	<0.005	<0.001	4.27	61	13	144	10.25	47	90	448	122	Channel E	0-1.0	medium grained gabbro
663	434896	5380742	0.001	<0.005	<0.001	3.78	46	15	112	7.73	39	170	288	95	Channel E	1-2.0	shear zone
664	434918	5380750	<0.001	<0.005	<0.001	2.18	64	12	212	8.85	33	80	571	51	Channel G	0-0.8	coarse gr gabbro
665	434918	5380750	<0.001	<0.005	<0.001	3.14	41	6	77	7.67	77	90	379	86	Channel G	0.8-1.8	shear zone
666	434918	5380750	<0.001	<0.005	<0.001	3.29	42	10	69	7.79	36	80	324	76	Channel G	1.8-2.4	shear zone
667	434918	5380750	<0.001	<0.005	<0.001	3.88	58	7	113	10.95	29	120	657	112	Channel G	2.4-3.4	shear zone
668	434918	5380750	<0.001	<0.005	<0.001	2.56	42	11	59	7.36	41	50	404	79	Channel G	3.4-3.6	medium grained gabbro
669	434905	5380745	0.006	<0.005	<0.001	3.59	52	3	177	8.05	35	200	282	111	Channel F	0-1.0	coarse gr gabbro with 20% quartz
670	434905	5380745	0.001	<0.005	0.015	2.88	52	4	126	8.07	19	70	402	82	Channel F	1.0-1.7	coarse gr gabbro with 20% quartz
671	434905	5380745	0.001	<0.005	<0.001	3.87	61	12	144	9.87	36	80	522	107	Channel F	1.7-2.3	rusty shear zone
672	434905	5380745	<0.001	<0.005	0.001	4.74	62	5	72	10.3	45	100	693	119	Channel F	2.3-2.7	medium grained gabbro
673	434908	5380738	0.001	<0.005	<0.001	2.36	42	10	128	11.3	32	90	717	83	Channel H	0-1.3	rusty coarse gr gabbro
674	434916	5380738	0.002	<0.005	<0.001	2.35	53	6	187	8.21	27	70	524	70	Channel I	0-1.0	coarse gr rusty gabbro
675	434916	5380738	0.001	<0.005	<0.001	1.52	39	20	217	12.8	45	370	902	60	Channel I	1-2.0	coarse gr rusty gabbro
676	434916	5380738	0.002	<0.005	<0.001	2.3	40	34	233	17	40	350	1100	108	Channel I	2-3.3	coarse gr rusty gabbro
677	434916	5380738	0.014	<0.005	<0.001	4.29	52	14	200	16.9	46	200	801	141	Channel I	3.3-3.8	shear zone
678	434916	5380738	0.003	<0.005	<0.001	2.09	50	17	239	11.9	61	290	775	72	Channel I	3.8-5	coarse gr rusty gabbro
679	434916	5380738	0.001	<0.005	<0.001	2.46	40	5	143	7.57	56	2520	355	66	Channel I	5-6.0	coarse gr rusty gabbro
680	434928	5380742	0.012	<0.005	<0.001	1.09	108	24	586	12.95	39	830	809	48	Channel J	0-1.0	coarse gr rusty gabbro
681	434928	5380742	0.001	<0.005	<0.001	1.19	40	8	157	9.05	151	70	730	43	Channel J	1-2.0	coarse gr rusty gabbro
682	434928	5380742	0.013	<0.005	<0.001	3.75	62	7	133	9.72	35	70	610	108	Channel J	2-3.0	coarse gr rusty gabbro
683	434928	5380742	0.079	<0.005	0.001	2.95	58	6	126	8.82	54	60	654	86	Channel J	3-4.0	coarse gr rusty gabbro
684	434928	5380742	0.001	<0.005	<0.001	2.84	44	5	85	6.86	67	60	399	66	Channel J	4-5.0	coarse gr rusty gabbro
685	434928	5380742	<0.001	<0.005	<0.001	2.46	44	5	96	6.24	54	60	313	64	Channel J	5-6.0	coarse gr rusty gabbro
686	434928	5380742	0.001	<0.005	<0.001	1.72	70	14	216	11.3	49	90	1060	72	Channel J	6-7.3	coarse gr rusty gabbro
687	434937	5380736	0.001	<0.005	<0.001	2.15	44	10	168	9.81	82	860	447	66	Channel L	0-1.1	coarse gr rusty gabbro
688	434937	5380736	0.003	<0.005	<0.001	1	64	32	275	13.65	54	1460	510	61	Channel L	1.3-2.7	coarse gr rusty gabbro
689	434940	5380739	0.001	<0.005	<0.001	3.75	75	27	222	16	80	1020	745	143	Channel M	0-1.4	coarse gr pegmatitic rusty gabbro
690	434940	5380739	0.001	<0.005	<0.001	3.74	57	5	89	9.1	100	140	409	113	Channel M	1.4-2.9	shear zone
691	434940	5380739	0.002	<0.005	<0.001	0.9	59	30	219	13.8	48	2230	503	79	Channel M	2.9-3.5	sheared coarse gr gabbro
692	434946	5380742	0.031	<0.005	0.007	1.88	51	12	464	10.1	80	1190	416	69	Channel N	0-1.0	rusty sheared pegmatitic gabbro
693	434946	5380742	0.003	<0.005	<0.001	1.69	50	37	217	15.3	47	940	679	76	Channel N	1-2.0	rusty sheared pegmatitic gabbro
694	434946	5380742	0.267	<0.005	<0.001	5.7	82	19	138	18.7	67	490	1125	205	Channel N	2-2.7	rusty sheared pegmatitic gabbro
695	434944	5380745	0.014	0.007	<0.001	0.92	278	24	1270	19	92	7410	497	84	Channel O	0-0.8	BeepMat conductive rusty peg gabbro

Table 1 -- Geochemical Analyses of Chip Samples, continued

SAMPLE #	UTM E	(NAD83) N	Au(ppm)	Pt(ppm)	Pd(ppm)	Al(ppm)	Co(ppm)	Cr(ppm)	Cu(ppm)	Fe(ppm)	Ni(ppm)	P(ppm)	V(ppm)	Zn(ppm)	Location	Sample Width (m. north)	Description
696	434945	5380745	0.011	<0.005	<0.001	0.76	95	19	717	11.35	283	6190	194	46	Channel P	0-0.9	BeepMat conductive rusty peg gabbro
697	434956	5380744	0.001	<0.005	<0.001	2	44	6	158	7.15	203	430	296	67	Channel Q	0-0.5	pegmatitic gabbro
698	434956	5380744	0.001	<0.005	<0.001	1.25	60	25	187	32.1	38	370	1050	67	Channel Q	0.5-1.0	very rusty magnetic peg gabbro
699	434958	5380743	<0.001	<0.005	<0.001	2.56	37	7	82	5.96	49	150	306	66	Channel R	0-1.5	pegmatitic gabbro
700	434958	5380743	0.001	<0.005	<0.001	2.59	41	2	93	7.65	40	1440	316	88	Channel R	1.5-3.0	pegmatitic gabbro
701	434958	5380743	0.007	<0.005	<0.001	4.02	53	1	176	10.5	30	8660	167	141	Channel R	3.0-3.8	sheared pegmatitic gabbro
702	434958	5380743	<0.001	<0.005	<0.001	2.22	35	5	66	7.4	19	4080	207	93	Channel R	3.8-4.8	shear zone
703	434958	5380743	0.001	<0.005	<0.001	4.25	61	9	111	10.75	20	780	411	131	Channel R	4.8-5.5	shear zone
704	434958	5380743	<0.001	<0.005	<0.001	2.46	37	9	75	6.97	54	90	428	69	Channel R	5.5-6.5	pegmatitic gabbro
705	434958	5380743	0.001	<0.005	0.001	2.26	34	12	101	4.38	44	350	197	58	Channel R	6.5-7.5	pegmatitic gabbro
706	434958	5380743	0.001	<0.005	<0.001	2.34	29	13	67	4.43	40	150	161	55	Channel R	7.5-8.5	pegmatitic gabbro
707	434958	5380743	0.001	<0.005	<0.001	1.78	26	8	69	3.28	37	200	113	42	Channel R	8.5-9.9	pegmatitic gabbro
708	434969	5380756	0.001	<0.005	<0.001	2.77	29	13	57	4.24	35	120	101	54	Channel S	0-1.2	coarse gr pegmatitic gabbro
709	434970	5380761	<0.001	<0.005	<0.001	2.48	31	11	68	4.07	40	380	97	49	Channel T	0-0.8	coarse gr pegmatitic gabbro
710	434970	5380761	<0.001	<0.005	<0.001	2.57	37	2	68	6.69	35	140	185	84	Channel T	0.8-1.8	sheared basalt
711	434968	5380763	0.001	<0.005	<0.001	3.05	38	20	145	6.14	26	420	238	65	Channel U	0-0.7	coarse gr pegmatitic gabbro
712	434968	5380763	<0.001	<0.005	<0.001	1.97	36	10	114	6.64	49	100	367	67	Channel U	0.7-2.1	coarse gr pegmatitic gabbro
713	434968	5380763	0.002	<0.005	<0.001	2.23	40	13	187	5.7	44	110	410	59	Channel U	2.1-3.8	sheared coarse gr pegmatitic gabbro
714	434968	5380763	<0.001	<0.005	<0.001	3.33	49	3	116	6.88	58	190	261	84	Channel U	3.8-4.7	sheared basalt
715	434969	5380769	<0.001	<0.005	<0.001	2.96	22	17	7	4.45	41	110	87	79	Channel V	0-0.5	anorthositic sill
716	434969	5380769	0.004	<0.005	<0.001	5.1	58	16	74	10.35	30	130	528	130	Channel V	0.5-2.0	shear zone
717	434969	5380769	0.008	<0.005	<0.001	5.73	77	47	190	13.35	48	160	1255	151	Channel V	2-3.0	shear zone
718	434969	5380769	0.01	<0.005	<0.001	3.69	42	11	103	7.36	85	310	246	99	Channel V	3-4.3	shear zone
719	434944	5380726	0.001	<0.005	<0.001	3.63	71	13	136	9.29	100	60	324	98	Channel W	0-1.0	rusty basalt
720	434944	5380726	<0.001	<0.005	<0.001	2.67	68	24	175	10.85	84	2380	378	87	Channel W	1.0-2.3	rusty basalt
721	434944	5380726	0.001	<0.005	<0.001	2.91	41	12	140	9.64	39	320	343	82	Channel W	2.3-3.8	rusty basalt
722	434944	5380726	<0.001	<0.005	<0.001	1.67	52	12	110	10.75	49	150	956	61	Channel W	4.2-5.1	sheared gabbro
723	434945	5380725	0.003	<0.005	<0.001	2.24	54	7	206	9.84	50	240	571	85	Channel X	0-1.0	mafic volcanic with magnetite & pyrrhotite
724	434945	5380725	0.007	<0.005	0.001	0.29	191	58	1715	16.1	349	3600	534	62	Channel X	1-2.0	mafic volcanic with magnetite & pyrrhotite
725	434950	5380720	0.007	<0.005	0.002	3.2	60	2	86	6.7	41	60	197	79	Channel Y	0-1.3	basalt with trace pyrrhotite
726	434950	5380720	0.004	<0.005	<0.001	2.12	79	12	206	10.25	70	70	798	64	Channel Y	1.3-2.5	gabbro with trace magnetite & pyrrhotite
727	434950	5380720	0.001	0.007	0.002	2.44	38	2	76	6.39	31	30	403	58	Channel Y	3.0-3.8	gabbro with trace magnetite & pyrrhotite
728	434950	5380720	0.003	<0.005	0.004	1.67	53	7	184	9.12	48	50	667	52	Channel Y	3.8-4.3	coarse grained gabbro, mod. Mag & po
729	434929	5380753	0.021	0.006	<0.001	1.64	124	18	217	13.6	173	920	462	75	Channel K	0-0.6	coarse grained gabbro
730	434929	5380753	0.003	0.005	<0.001	4.73	67	7	150	15.5	67	240	789	129	Channel K	0.6-1.6	shear zone
731	434929	5380753	0.001	<0.005	0.001	3.53	61	4	114	9.65	50	80	591	93	Channel K	1.6-3.1	shear zone
732	434929	5380753	0.002	<0.005	<0.001	3.2	49	13	61	8.87	41	170	497	90	Channel K	3.1-4.0	coarse grained gabbro

434870 E 434880 E 434890 E 434900 E 434910 E 434920 E 434930 E 434940 E 434950 E 434960 E 434970 E 434980 E

5380780 N
5380770 N
5380760 N
5380750 N
5380740 N
5380730 N
5380720 N
5380710 N

519 (Cu,Ni)
522 (Cu,Ni)
Ni,Cu
L200E

LEGEND

- 4 diabase
- 3 aplitic dyke
- 2d coarse grained very magnetic gabbro
- 2c pegmatitic, very magnetic gabbro
- 2b layered gabbro, anorthosite
- 2a gabbro, medium grained, weakly magnetic
- 1 basalt

shear zone

channel sampling

N

0 m 10 m

scale 1:250

UTM datum: NAD83

LAURION MINERAL EXPLORATION INC.

Enid-Massey Project

W. Baktrian Stripping

August, 2006

Appendix A.

Photographs

Photo 1. – Baktrian stripped area from air, facing southwest

Photo 2. – Stripping with backhoe and dozer

Photo 3. – Washing stripped outcrops

Photo 4. – Shear zone contact of layered gabbro (2b) and non-magnetic gabbro (2a)

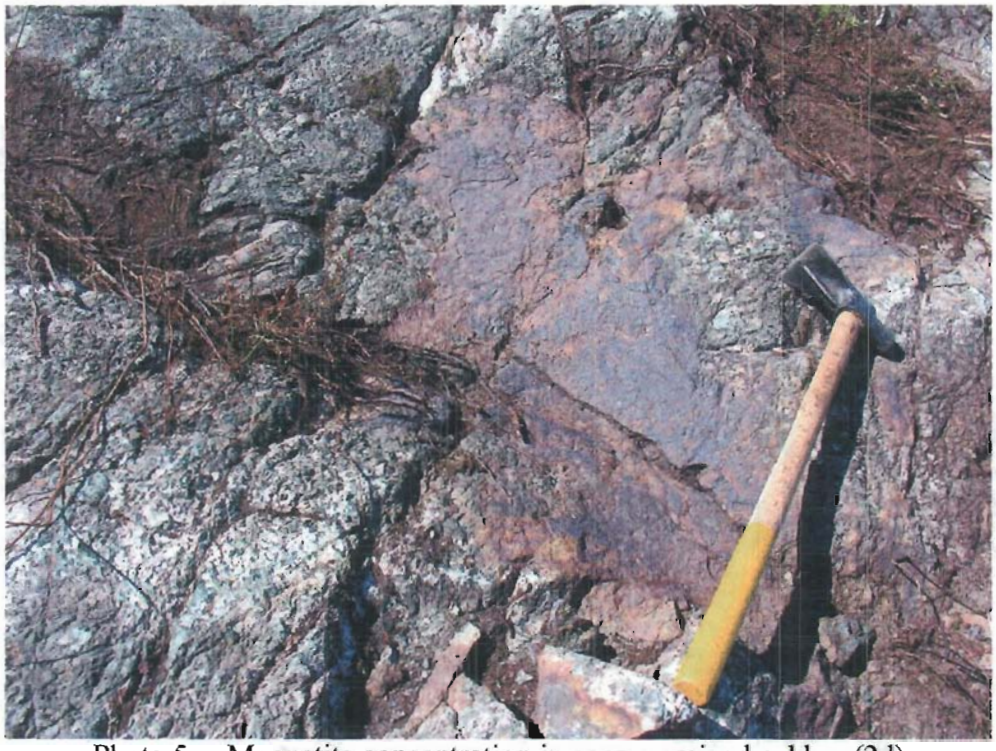


Photo 5. – Magnetite concentration in coarse grained gabbro (2d)

Photo 6. – Pegmatitic, very magnetic gabbro (2c)

Photo 7. – Cu/Ni showing, southeast corner of large outcrop