

**2010 DIAMOND DRILLING PROGRAM REPORT
THUNDER BAY NORTH PROJECT
DDHs TBND 210-213
GREENWICH LAKE AREA
THUNDER BAY MINING DIVISION
NORTHWESTERN ONTARIO
2010**

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Summary

The Current Lake (CL) project is located northeast of Thunder Bay, Ontario, and is targeting PGE-Cu-Ni mineralization of Keweenawan age. It is part of the larger Thunder Bay North intrusive complex which consists of CL, Bridge Zone and Beaver Lake property to the east. The main economic interest originated from 3 occurrences of angular, mineralized ultramafic boulders at Current Lake, northeast of the city of Thunder Bay, identified in summer 2001, August 2005 and May 2006. The boulders are oxide-rich serpentinized peridotites with variable sulphide content with grades up to ~4g/t Pt, 4g/t Pd, 1% Cu and 0.25% Ni.

Extensive drilling has been done on the Thunder Bay North project beginning in 2006 and continuing through 2010 resulting in an initial resource in 2009. A revised resource has been completed in 2010 on the Thunder Bay North project and consists of an indicated resource of 9.06 Mt @ 2.43g/t platinum equivalent and an inferred resource of 0.27 Mt @ 2.81 g/t platinum equivalent.

The 2010 drilling on the CL project consisted of four drill holes totalling 661.0m. The first two drill holes TBND210 and TBND211 tested an area of presumed ultramafic intrusion and mineralization. TBND210 intersected 48.7m of 3.9g/t Pt+Pd, 0.46% Cu and 0.26% Ni from 50.30m including 11.0m of 10.7g/t Pt+Pd and 1.23% Cu and 0.51% Ni. TBND211 intersected 11.3m of ultramafic with no significant mineralization. TBND212 and TBND213 were drilled to test a magnetic anomaly trending northeast from Current Lake. The two drill holes did not intersect any ultramafic intrusive but did intersect sills of magnetic 'hybrid' intrusive.

Introduction

Magma Metals (Canada) Limited (a wholly-owned subsidiary of Magma Metals Limited of Australia) executed its 2010 diamond drill program on the Current Lake (CL) project in two sections, between April and May, and during June 2010. The program consisted of 4 holes totalling 661m. All holes were land based drill holes. Drill targets were based on previous drilling results coupled with geophysical surveys from 2006 – 2008.

Property, Location, and Access

The TBN property consists of 219 claims, totalling 2552 units (*see* Table 1 for claims listing/ownership) and is located approximately 50 km northeast of the city of Thunder Bay (*see* Figure 1). The property is accessible by proceeding east on the Trans-Canada Highway 17 East, then turning north on Highway 527, the Armstrong Highway, then turning east onto the Escape Road, and finally the Shallownest East Road. A road log to the property is presented within Table 2.

Table 1: List of Claims

Claim No.	Claim Units	Recorded Holder*	Claim No.	Claim Units	Recorded Holder*	Claim No.	Claim Units	Recorded Holder*
842186	9	MMC	4208977	13	MMC	4221370	15	MMC
842189	12	MMC	4208978	15	MMC	4222631	12	MMC
1246796	12	ZP	4208979	15	MMC	4222632	8	MMC
1248239	11	MMC	4208980	15	MMC	4222633	16	MMC
1248240	9	MMC	4208981	15	MMC	4222634	16	MMC
1248241	15	MMC	4208984	15	MMC	4222635	8	MMC
1248244	6	MMC	4210157	12	ZP	4222636	12	MMC
3005105	12	MMC	4211163	12	MMC	4222637	8	MMC
3005106	3	MMC	4211637	3	ZP	4222638	8	MMC
3018014	16	MMC	4211638	3	ZP	4222639	12	MMC
3018015	16	MMC	4213439	3	MMC	4222640	16	MMC
3018016	16	MMC	4214075	15	MMC	4222650	3	MMC
3018017	16	MMC	4214076	15	MMC	4225183	16	MMC
3018018	16	MMC	4214077	9	MMC	4225184	16	MMC
3018019	16	MMC	4214079	8	MMC	4225186	2	MMC
3018028	16	MMC	4214080	9	MMC	4225187	12	MMC
3018055	16	MMC	4214081	16	MMC	4225211	16	MMC
3018056	16	MMC	4214082	12	MMC	4225212	12	MMC
3018057	16	MMC	4214083	12	MMC	4225213	12	MMC
3018058	16	MMC	4214084	16	MMC	4225214	3	MMC
3018059	8	MMC	4214117	8	MMC	4225215	4	MMC
4205378	4	MMC	4214118	16	MMC	4225216	9	MMC
4205432	3	MMC	4214119	16	MMC	4225217	15	MMC
4208485	16	MMC	4214124	6	MMC	4225218	15	MMC
4208486	12	MMC	4214273	16	MMC	4225219	12	MMC
4208965	16	MMC	4215436	8	MMC	4225220	16	MMC
4208966	16	MMC	4216374	6	MMC	4225972	10	MMC
4208967	16	MMC	4218927	12	MMC	4225973	9	MMC
4208968	16	MMC	4221361	12	MMC	4225974	9	MMC
4208969	16	MMC	4221362	16	MMC	4225975	6	MMC
4208970	16	MMC	4221363	16	MMC	4226065	12	MMC
4208971	8	MMC	4221364	16	MMC	4226066	16	MMC
4208972	16	MMC	4221365	16	MMC	4226067	8	MMC
4208973	16	MMC	4221366	5	MMC	4226068	16	MMC
4208974	16	MMC	4221367	4	MMC	4228020	12	MMC
4208975	1	MMC	4221368	12	MMC	4228021	16	MMC
4208976	4	MMC	4221369	12	MMC	4228022	1	MMC

*MMC=Magma Metals (Canada) Ltd.; ZP=C.Zimowski & R.Pizzolato

Table 1 (continued): List of Claims

Claim No.	Claim Units	Recorded Holder*	Claim No.	Claim Units	Recorded Holder*	Claim No.	Claim Units	Recorded Holder*
4228023	6	MMC	4242147	12	MMC	4243648	9	MMC
4228024	8	MMC	4242148	16	MMC	4243649	12	MMC
4228025	16	MMC	4242771	12	MMC	4243650	1	MMC
4229971	8	MMC	4242772	16	MMC	4243651	4	MMC
4229972	8	MMC	4242773	12	MMC	4243652	15	MMC
4229973	8	MMC	4242774	16	MMC	4243653	15	MMC
4229974	16	MMC	4242775	6	MMC	4243654	15	MMC
4229975	8	MMC	4242801	16	MMC	4243656	6	MMC
4240095	16	MMC	4242802	12	MMC	4243657	12	MMC
4240097	16	MMC	4242803	16	MMC	4243658	12	MMC
4240536	15	MMC	4242804	12	MMC	4243659	16	MMC
4240537	15	MMC	4242805	16	MMC	4243660	16	MMC
4240538	12	MMC	4242806	16	MMC	4243771	12	MMC
4240539	12	MMC	4242807	12	MMC	4243772	9	MMC
4240540	4	MMC	4242808	6	MMC	4243773	12	MMC
4240541	4	MMC	4242809	6	MMC	4243774	6	MMC
4240542	8	MMC	4242810	5	MMC	4243775	4	MMC
4240543	16	MMC	4242811	14	MMC	4243776	16	MMC
4240544	12	MMC	4242812	14	MMC	4243777	16	MMC
4240545	6	MMC	4242813	9	MMC	4243778	16	MMC
4241533	16	MMC	4242814	9	MMC	4243779	4	MMC
4241534	16	MMC	4243631	16	MMC	4243780	15	MMC
4241535	8	MMC	4243632	16	MMC	4243781	16	MMC
4241536	8	MMC	4243633	12	MMC	4243782	16	MMC
4241537	16	MMC	4243634	12	MMC	4243783	16	MMC
4241716	8	MMC	4243635	16	MMC	4243784	15	MMC
4241717	16	MMC	4243637	16	MMC	4243785	12	MMC
4241718	8	MMC	4243638	16	MMC	4243786	12	MMC
4241719	8	MMC	4243639	12	MMC	4243787	6	MMC
4241720	16	MMC	4243640	9	MMC	4243788	8	MMC
4241727	16	MMC	4243641	6	MMC	4243789	6	MMC
4242141	16	MMC	4243642	4	MMC	4243790	16	MMC
4242142	12	MMC	4243643	16	MMC	4243791	16	MMC
4242143	7	MMC	4243644	6	MMC	4245129	12	MMC
4242144	12	MMC	4243645	6	MMC	Total 219 claims 2552 units		
4242145	8	MMC	4243646	4	MMC			
4242146	15	MMC	4243647	14	MMC			

*MMC=Magma Metals (Canada) Ltd.; ZP=C.Zimowski & R.Pizzolato

Table 2: Road Log

<i>Km (section)</i>	<i>Location, feature</i>	<i>Notes</i>
0.0	Thunder Bay	
10.4	Hwy. 17E / Hwy. 527 turn	N up Armstrong Highway
22.7	Escape Road (turn right)	E on gravel road off Hwy. 527
17.3	Shallownest East Road	Go left (N)
5.3	Main junction to left (W)	Go left (W)
2.0	Spur on left (S) in clear-cut	Go straight (W)
1.0	Located ~north of Beaver Lake	

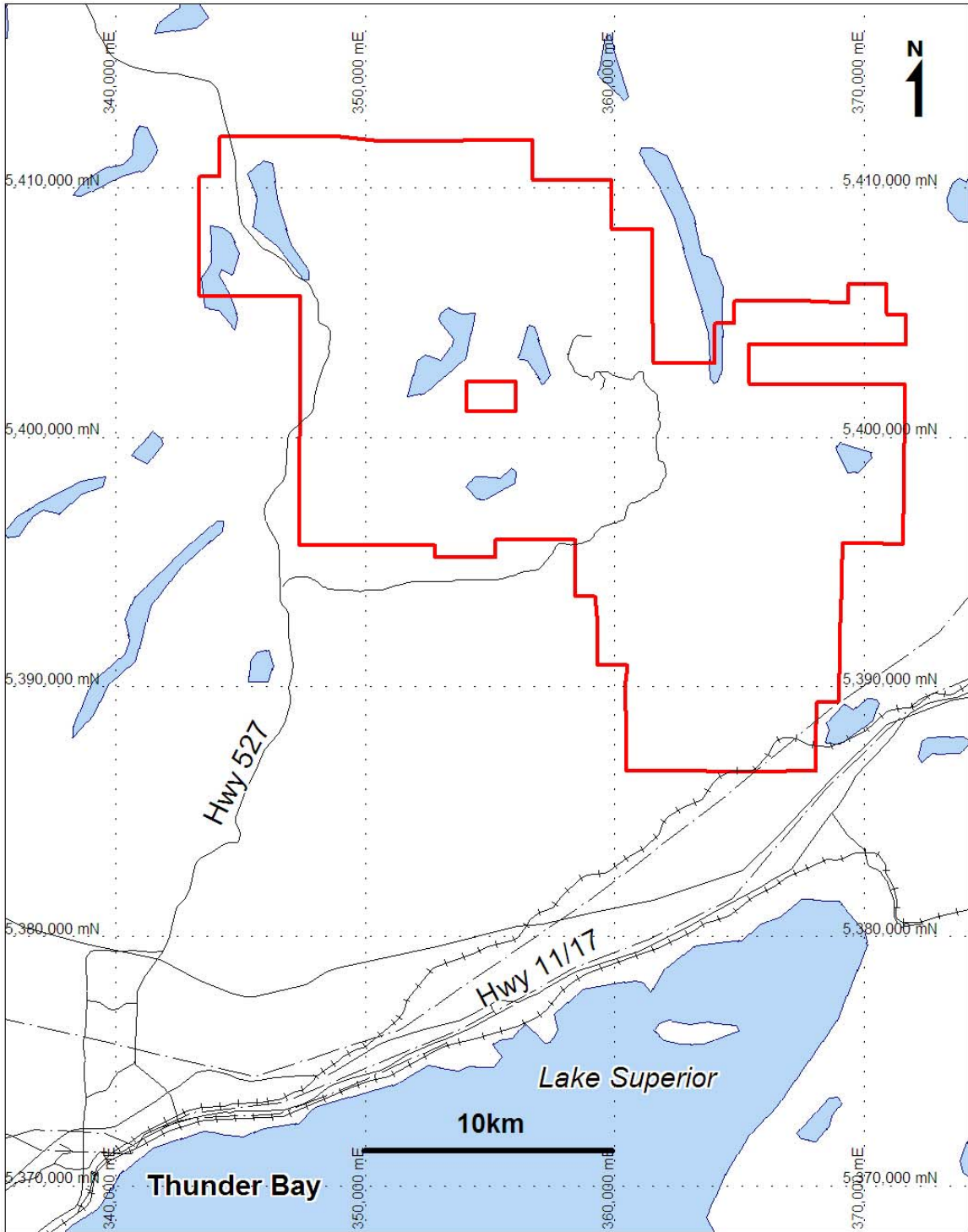


Figure 1: Property Location map

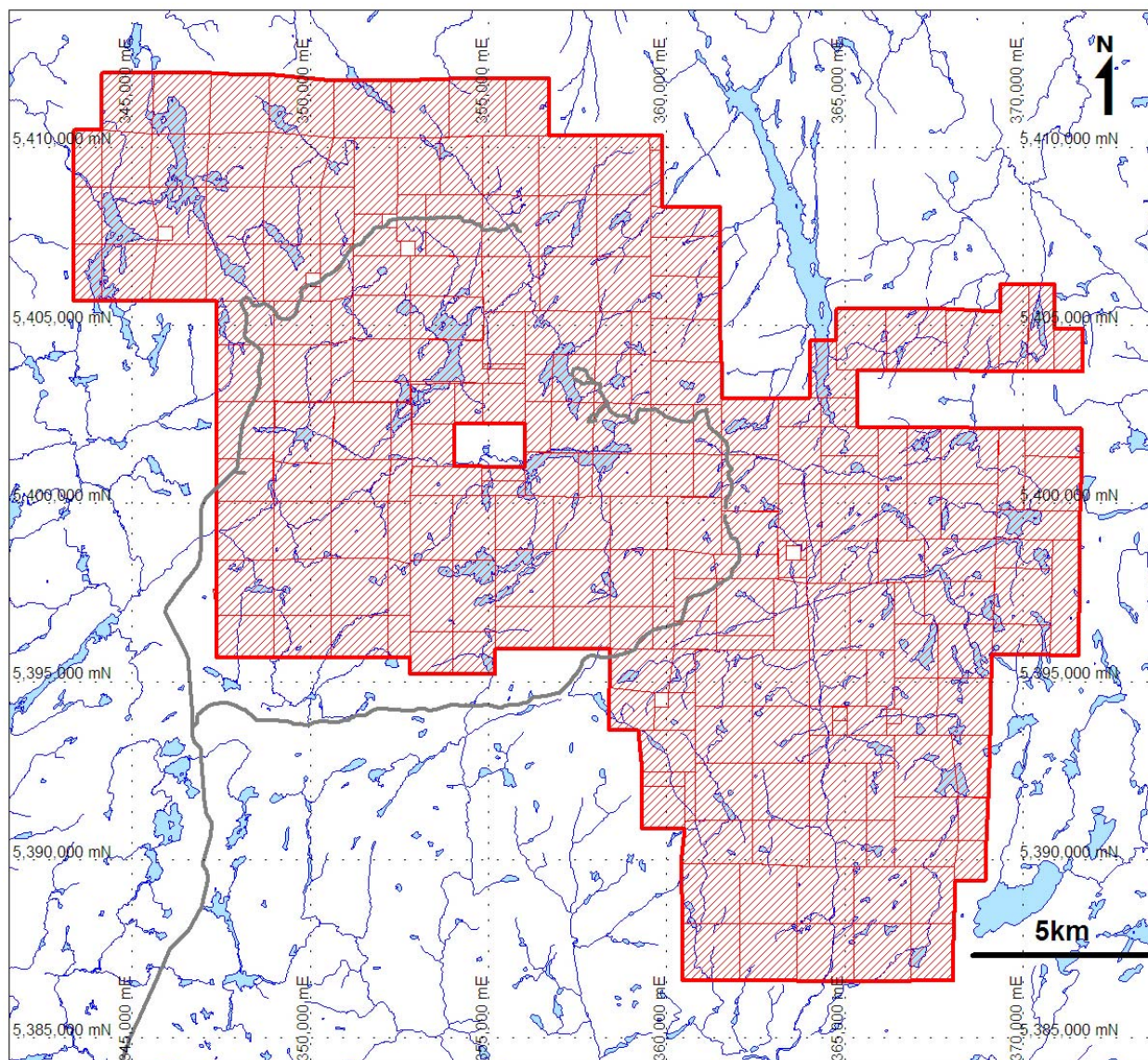


Figure 2: TBN claims

Exploration History

The following is summarized from earlier reports including Harper and Wilson (2000), Wilson and Harper (2000), and Wilson (2006a). It should be noted that much of the work done by Wilson and Harper is only available as internal reports and personal communications.

Pre-1993: Early exploration within the area concentrated on uranium, more specifically the Christianson (1949) showing which is located a few km east of Current Lake, near the west shore of Greenwich Lake. In 1976 there was no ready access to the Greenwich Lake area, except by float plane or helicopter. Rio Tinto optioned the Christianson showing from MW Resources Ltd in January 1976, and staked additional claim units that extended west from Greenwich Lake over northern Current Lake towards Steepledge and Ray Lakes (Benkis, 1977). The south edge of these claims lay immediately south of the small promontory on the west shore of Current Lake, overlapping the area of the present TBN project. Rio Tinto conducted a program of field mapping and diamond drilling (Benkis, 1977).

1993-1998: G. Harper, G. Wilson, and F. Manns began rock and soil sampling in addition to petrographic and geochemical research within the Onion Lake, Tartan Lake and Greenwich Lake areas.

1999-2000: Harper and Wilson conducted prospecting, geochemical sampling, soil sampling and ground magnetic surveys after receipt of Ontario Prospectors Assistance Program grant (Harper and Wilson, 2000; Wilson and Harper, 2000).

2001-2002: Pacific North West Capital Corporation of Vancouver optioned the TBN Property in 2001 based on the discovery by Wilson and Harper of ultramafic boulders containing appreciable sulphides, Cu-Ni-PGE grades along the western shoreline of Current Lake. Work including ground-magnetic and electromagnetic surveys was conducted over the ice on Current Lake and a small pond (Beaver Lake) located east of the south end of Current Lake. A six hole diamond drill program, totalling 813.5m, was conducted from three locations along the west shore of Current Lake in September and October 2002 (Kleinboeck and Jobin-Bevans, 2002). The drilling encountered only weak mineralization with minimal assay values. The holes intersected what was described as a north-south, west- dipping “gabbro” or “diabase” dyke under the lake. The dyke, not

seen at surface, appeared to be ≤ 10 m thick and did not resemble the ultramafic boulders found on the adjacent shorelines.

2003-2004: Minor petrographic work was completed by G. Wilson.

2005-2009: In 2005 Magma Metals Limited optioned the Thunder Bay North Property due to the discovery of additional ultramafic boulders along the south shoreline of Current Lake. In 2006 Magma completed basic mapping of claim 842189 (Wilson, 2006a) with some petrographic and additional follow-up work (Wilson, 2006b). In addition McPhar Geosurveys Limited flew a combined helicopter-borne magnetic and gamma-ray spectrometer survey over the TBN property in July 2006. A VTEM helicopter-borne electromagnetic survey was conducted over the southern Current Lake-Beaver Lake portion of the TBN claim group later in 2006 by Geotech Limited of Aurora, Ontario and during the winter a ground I.P. survey was conducted over Current Lake (Abitibi Geophysics, Val-d'Or, Quebec).

A six hole (1590.1m) Phase-1 diamond drilling program was conducted in late 2006 to early 2007 by Magma Metals (Canada) Limited. The program, designed to locate the bedrock source of the mineralized ultramafic boulders, successfully intersected wide intervals of peridotite with significant PGE-Cu-Ni mineralization, including 10.5m of 2.8g/t Pt+Pd+Au, 0.45% Cu, and 0.34% Ni from TBND001.

A 28 hole (3076.4m) Phase-2 diamond drilling program was conducted between April-June and September-October 2007 by Magma Metals (Canada) Ltd. The program, designed to follow-up on significant mineralized intersections encountered in the Phase-1 drill program, encountered further PGE-Cu-Ni mineralization and identified the ultramafic body as a narrow tube-like conduit with approximate north-south orientation.

A 23 hole (1832.4m) Phase-3 diamond drilling program was conducted on the ice at Current Lake between February and March 2008. The program was designed to follow-up on the success of the previous drill campaigns by systematically drill testing the Current Lake intrusive complex on designated sections. Due to thin ice conditions on the southern half of the lake, drilling was restricted to the northern half of the lake. Results were very encouraging, and delineated PGE-Cu-Ni mineralization over a strike length of 800m within the much larger Current Lake ultramafic

conduit.

A 67 hole (5571.5m) Phase-4 resource definition diamond drilling program was conducted on the water at Current Lake between June to November 2008 using a barge-mounted drill rig. The program was designed to further test PGE-Cu-Ni mineralization within the magma conduit along the southern portion of Current Lake, as well as provide some infill drilling within the northern portion of the lake. Results were highly positive, extending the strike length of shallow PGE-Cu-Ni mineralization to 1.9km within the larger magma conduit which apparently continues down into Magma Metals' Beaver Lake PGE-Cu-Ni project.

A 86 hole (6726m) Phase-5 resource definition diamond drilling program was conducted on the ice at Current Lake between January-March 2009. Drilling continued to target and intersect wide zones of shallow PGE-Cu-Ni mineralization along a 1.9km long mineralized portion of the ultramafic conduit comprising the northwestern portion of the Current Lake intrusive complex.

Regional Geology

The Thunder Bay North Property is underlain by the rocks of the Quetico Subprovince, which is now referred to as Quetico Basins, of the Superior Province of the Canadian Precambrian Shield. The Quetico Basins are described by Williams (1991) as a roughly 70 km wide, linear strip of primarily strongly metamorphosed and deformed clastic metasedimentary rocks and their migmatitic and anatectic derivatives. The identifiable metasedimentary rocks comprising the subprovince (or Basin) consist mainly of turbiditic wacke and siltstone with rare iron formation, pelite, and conglomerate. Primary sedimentary features are locally preserved. Williams (1991) also states that igneous rocks include I-type biotite-hornblende-magnetite granitoid bodies of mixed felsic and mafic composition with volumetrically minor ultramafic units; and metaluminous to peraluminous, often S-type, one- and two-mica granitoids.

As mineralization occurs in ultramafic intrusive rocks of presumed Keweenawan age (roughly 1.1Ga) it is important to review the general geology of Mesoproterozoic rocks that are present in the region. Good reviews of the Mesoproterozoic geology of the area are given by Hart and MacDonald (2007) and Heaman et al. (2007) pertinent information from these is summarized below.

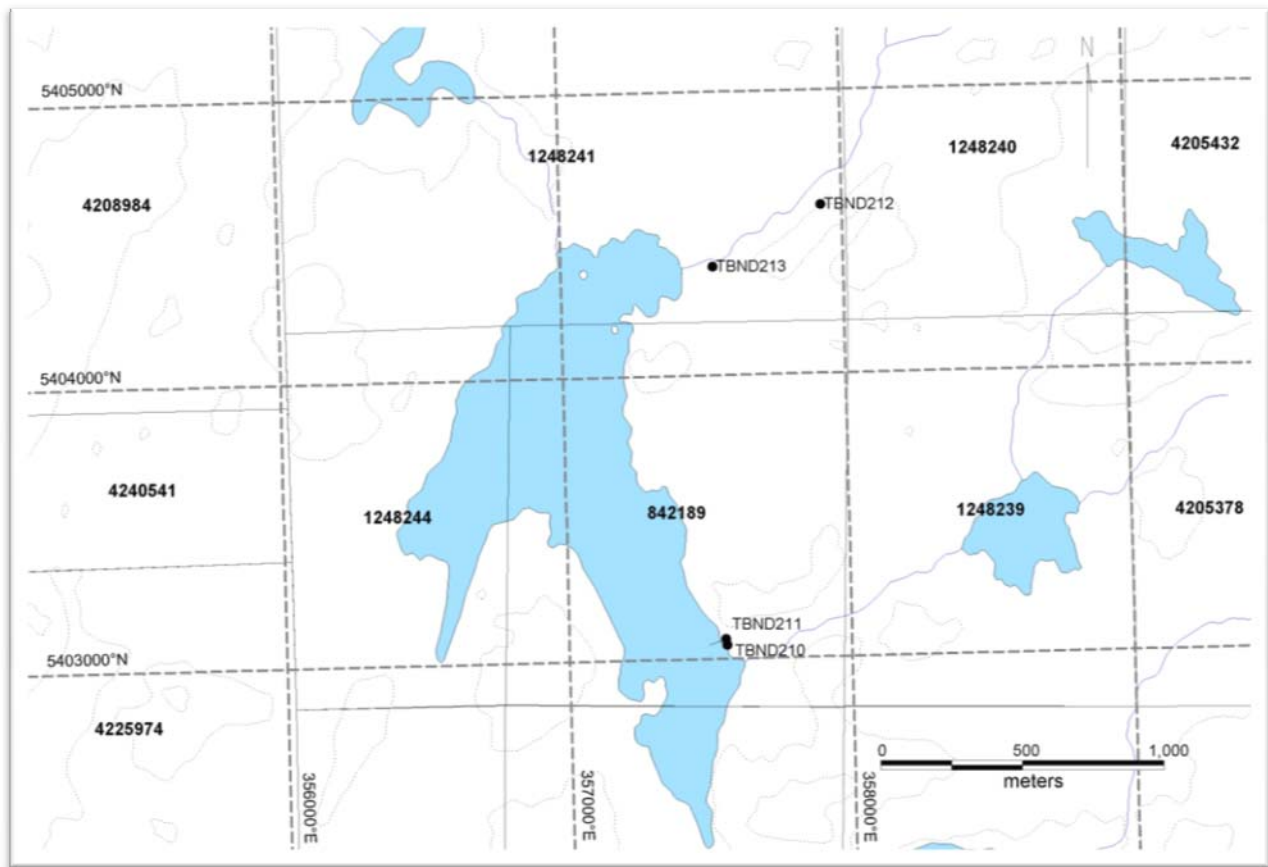
Mesoproterozoic rocks of the region include: intrusive and volcanic igneous rocks of the ~1.59 Ga Badwater intrusion and ~1.54Ga English Bay complex located north west of Lake Nipigon, chemical and clastic sedimentary rocks of the ~1.5-1.3 Ga Sibley Group, various ultramafic to mafic intrusions of the Nipigon embayment ~1.112 Ga, and slightly younger ~1.109 Ga sedimentary, volcanic and mafic intrusive rocks of the Midcontinent rift proper along the north shore of Lake Superior (Heaman et al. 2007).

Previously four distinct ultramafic intrusive bodies have been indentified within the huge volume of diabase sills comprising the Nipigon Embayment. These are the Seagull, Disraeli, Hele and Kitto intrusions respectively. Poorly outlined mafic to ultramafic sills termed the Jackfish and Shillabeer sills have also been recently indentified (e.g. Hart and MacDonald, 2007). Hart and MacDonald (2007) describe the ultramafic intrusive bodies as consisting of “pyroxene peridotite, wehrlite, lherzolite, and olivine websterite to minor dunite, and olivine gabbro to olivine melagabbro, with irregular patches of monzogabbro along the margins, and ubiquitous phlogopite. The intrusions appear to be primarily sill-like with the exception of the Seagull Intrusion which, based on significant drilling, has a distinct lopolithic form. Emplacement of the intrusions appears to have been fault controlled (Hart and MacDonald 2007) but no distinct magma feeder zone has been identified. Ni-Cu-PGE mineralization has been previously identified from the ultramafic bodies with the most significant present in the Seagull intrusion (e.g. Heggie, 2005).

2010 Drilling Results

The 4 hole (661m) 2010 diamond drilling program consisted of two phases of drilling. The first phase began drilling on April 28, 2010 and ended May 6th. The second phase began drilling June 8th and ended June 13th, 2010. Drill hole locations are shown in Figure 3. The drilling was contracted to George Downing Estate Drilling of Grenville Sur La Rouge, Quebec using a skid-mounted LF-70 drill rig using NQ-sized drill rods. Drill holes were located using a differential GPS capable of sub-metre accuracy. Down hole orientation surveys were done using a Reflex EZ-Shot survey tool at regular intervals with two of the drill holes also being surveyed by the Reflex Gyro.

Core logging and sampling was completed at the temporary TBN camp located less than 1 kilometre south of Current Lake. Selected intervals were sawn and half the material bagged for assay. The assay intervals were generally 1-2 metres, but varying intervals were sometimes taken on the basis of different lithologies or mineralization. All samples were taken to ALS Chemex prep-lab in Thunder Bay, Ontario where primary crushing and pulverizing took place, and then pulps were sent to ALS Chemex's Vancouver, British Columbia laboratories where final analyses took place. Internal quality control consisted of insertion of a standard every 20-30 samples, a blank every 30-40 samples, and a duplicate sample every 30-40 samples. Geological logging was performed by geologists P. Gann and L. Dolansky while geotechnical logging, cutting and sampling was performed by Magma drill-core technicians M. Raine and J.Foley.

Figure 3: TBN Phase-6 drill hole locations**Table 3: Phase-6 Drill hole collar locations (Z16 NAD83), orientations and depths**

SiteID	East	North	RL	Total depth	Az	Dip	Claim
TBND210	357553.4	5403070	477.29	120	249	-57	842189
TBND211	357556.9	5403049	474.14	206	272	-84	842189
TBND212	357925.9	5404594	485.86	167	0	-90	1248241
TBND213	357539	5404383	470	168	321	-89	1248241

Summary of Rock Units

The rock types encountered consisted of a variety of locally contact metamorphosed felsic to intermediate granitoids, minor clastic metasedimentary-derived schists and migmatites, olivine melagabbro-peridotite, a hybridized contaminated peridotite (previous drilling has described as an altered diabase or gabbro), and mafic dykes. Both the Quetico-age granitoid rocks and the Keweenawan-age ultramafic rocks were locally blocky, splitting into short (<10 cm) lengths, but core recovery was generally excellent.

The **granitoid rocks** were highly variable in appearance and modal composition and are mostly ascribable to granite and granodiorite. They are generally medium to coarse grained with short intervals of pegmatoidal material, as well as intervals of fine grained material (aplites). A strong fabric was observed locally but in general, these rocks were massive to weakly foliated.

Alteration consisted of reddening, and occasionally a browning, of the feldspars (presumed hematitic alteration) that generally occurred in close proximity to the peridotite. Local concentrations of micas (biotite), initially referred to as schists, locally 70% by volume over 10 to 50 cm widths, represent possible volatile-rich fluids driven from the granitoids during intense contact metamorphism produced by intrusion of the extremely hot ultramafic magma that formed the mineralized peridotite.

What was previously described as **peridotite** is more likely an **olivine melagabbro** at TBN. It is generally massive, dark grey to black in colour, medium to fine-grained and strongly magnetic. It contains fine cumulus olivine, weakly altered to serpentine-magnetite, in an inter-cumulus matrix of fine pyroxene and 10-30% fine plagioclase. Ultramafic intrusive rocks containing <10% plagioclase were identified as peridotite. Distinction between olivine melagabbro and peridotite in drill core can be very difficult due to the fine-grained nature. As such, the two are discriminated geochemically, with olivine melagabbro containing >4% Al₂O₃, and peridotite <4% Al₂O₃.

Olivine melagabbro and peridotite comprise the host rocks for PGE-Cu-Ni sulphide mineralization at TBN. Mineralization consists predominantly of disseminated and blebby to net-textured sulphides, with local cm-scale massive sulphide veins. Visible sulphides in drill core

consist of pyrrhotite, chalcopyrite, and pyrite.

The **hybrid peridotite** is highly variable in appearance, and almost always strongly magnetic. In thicker zones it is generally a fine to medium-grained, ophitic-textured grey or pinkish-red rock, often with chloritized mafic minerals and variable fine to medium-grained disseminated pyrite. Near its margins it is almost always aphanitic in texture with good chilled contacts usually preserved. Textural variations include the presence of fine to coarse calcite ocellae and/or elongate quartz inclusions.

The **mafic dykes/sills** are fine grained, dark grey to black in colour. They tend to be thin (<1m in thickness) and often occur in groups. It is uncertain if these represent part of an unknown mafic intrusive or if they are thin offshoots of peridotite that have rapidly cooled, resulting in an aphanitic intrusive body with little to no contamination from the surrounding country rocks. Intervals where numerous very thin mafic intrusives, often 5-15cm thick, occur inter fingered with the granitoids, a working name of **mixed mafic and felsic** or **mixed felsic and mafic** was given to the intervals dependent on the dominate lithology.

Summary of Drill Holes

The complete drill logs and assays are presented in separate Appendix 1 and 2 respectively. 1:500 scale sections for each hole are located in Appendix 3. The first two drill holes TBND210 and TBND211 tested an area of presumed ultramafic intrusion and mineralization. TBND210 intersected 48.7m of 3.9g/t Pt+Pd, 0.46% Cu and 0.26% Ni from 50.30m including 11.0m of 10.7g/t Pt+Pd and 1.23% Cu and 0.51% Ni. TBND211 intersected 11.3m of ultramafic with no significant mineralization. TBND212 and TBND213 were drilled to test a magnetic anomaly trending northeast from Current Lake. The two drill holes did not intersect any ultramafic intrusive but did intersect sills of magnetic 'hybrid' intrusive.

Interpretation and Recommendations

Results of the Phase-5 drill program on the TBN project are highly encouraging and further confirm the continuity of significant grades of magmatic PGE-Cu-Ni mineralization over a strike length of 1.9 km within the host Current Lake ultramafic conduit, interpreted to be up to 5km in cumulative length. Mineralization remains open to the southeast of present drilling.

It is recommended that the Phase-5 TBN drill program be followed up with drilling immediately to the south of Current Lake following a linear magnetic anomaly. Follow up drilling is also recommended to the north of Current Lake where hybrid was intersected (TBND212 and 213) to more thoroughly test the magnetic feature for a narrow peridotite conduit. Any mineralization intersected in these areas would confirm the continuity of the magma conduit and associated PGE-Cu-Ni mineralization. Drilling in both of the area would have to be carried out in the winter due to access and ground conditions.

References

N.B. Unpublished items marked *** should be available in the MNDM assessment files, Thunder Bay office.

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- Wilson, G.C. (2006a) Field geology and petrography, claim block 842189, 'Thunder Bay North' project, Greenwich Lake area (S.W.), Thunder Bay mining division, northwest Ontario. TGSL Report 2006-01F, x+60pp. plus map., for Magma Metals Limited, West Perth, WA. ***
- Wilson, G.C (2006b) Thunder Bay North project, Greenwich Lake area (S.W.), Thunder Bay mining division, northwest Ontario: new field and petrographic observations. TGSL Report 2006-09F, viii+29pp., for Magma Metals Ltd, West Perth, WA. *Filed for MNDM assessment credits, as introduction to attached McPhar airborne geophysical surveys.* ***
- Wilson, G.C. and Harper, G (2000) Prospecting for Cu-Ni-PGE mineralization in the Thunder Bay district, northwestern Ontario. Report for OPAP Program, Mines Group, MNDM, Sudbury, Ontario, 76pp. ***

Certificate of Qualification
Justin R. Johnson

I, Justin R. Johnson, of 101 Whalen Street, Thunder Bay, ON do hereby certify that:

1. I hold a Bachelor of Science (Honours) Degree in Geology (2001), Bachelor of Science (Honours) Degree Physics and Geology (2001) and a Master of Science Degree (Geology) (2005) from Lakehead University, Thunder Bay, Ontario;
2. I have been employed as an independent contract geologist from 1999 to 2007 by various exploration companies within Ontario, Quebec, British Columbia and Durango, Mexico.
3. I am currently employed by Magma Metals (Canada) Limited in Thunder Bay, Ontario as a project geologist;
4. Permission is granted to Magma Metals (Canada) Limited to use this report in a prospectus or other financial offering;
5. I have been granted 75, 000 Magma Metals share options exercisable September 2008 and September 2009 and a further 100, 000 options exercisable in September 2010.

Dated

at Thunder Bay, Ontario.

Justin R. Johnson, MSc.
Project Geologist

Appendix 1 Drill Logs

Appendix 2 Assay Certificates



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: MAGMA METALS (CANADA) LIMITED
 P.O. BOX 10628
 THUNDER BAY ON P7B 6V1

Page: 1
 Finalized Date: 23- MAY- 2010
 This copy reported on
 19- AUG- 2010
 Account: MGMAM

CERTIFICATE TB10057467

Project: CL10- 001

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7- MAY- 2010.

The following have access to data associated with this certificate:

MGMAM - CONSULTANT WEBTRIEVE
 BILL STONE
 RYAN WESTON

JUSTIN JOHNSON
 MGMAM DATA SUPPORT

ALLAN MACTAVISH
 KEITH WATKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21d	Sample logging - ClientBarCode Dup
DRY- 21	High Temperature Drying
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
SPL- 34	Pulp Splitting Charge
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE
Ni- OG62	Ore Grade Ni - Four Acid	VARIABLE
PGM- MS23	Pt, Pd, Au 30g FA ICP- MS	ICP- MS
PGM- ICP27	Ore grade Pt, Pd and Au by ICP	ICP- AES
ME- ICP61	33 element four acid ICP- AES	ICP- AES
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: MAGMA METALS (CANADA) LIMITED
 ATTN: MGMAM DATA SUPPORT
 P.O. BOX 10628
 THUNDER BAY ON P7B 6V1

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

Signature:



Colln Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 3 (A - C)
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Project: CL10- 001

CERTIFICATE OF ANALYSIS TB10057467

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP61 Ag ppm	ME- ICP61 Al %	ME- ICP61 As ppm	ME- ICP61 Ba ppm	ME- ICP61 Be ppm	ME- ICP61 Bi ppm	ME- ICP61 Ca %	ME- ICP61 Cd ppm	ME- ICP61 Co ppm	ME- ICP61 Cr ppm	ME- ICP61 Cu ppm	ME- ICP61 Fe %	ME- ICP61 Ga ppm	ME- ICP61 K %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E191496		0.84	<0.5	3.49	14	730	1.3	<2	2.75	<0.5	111	1950	653	9.97	10	0.31
I105028		3.21	<0.5	7.17	<5	1050	1.3	<2	0.17	<0.5	3	43	16	0.91	20	5.12
I105029		4.19	<0.5	6.91	<5	1030	1.2	3	0.14	<0.5	2	17	15	0.88	20	5.31
I105030		0.81	0.7	3.43	12	1190	1.2	<2	2.86	<0.5	106	1980	506	9.61	10	0.38
I105031		4.84	1.5	3.52	24	920	1.4	<2	3.37	0.7	105	1940	1565	9.41	10	0.38
I105032		4.72	3.3	3.76	6	270	1.2	<2	3.74	0.6	134	1780	3910	9.97	10	0.45
I105033		4.65	5.3	2.99	7	180	1.1	2	3.15	3.3	214	2780	7540	11.55	10	0.32
I105034		1.94	12.4	2.69	5	170	3.1	48	1.98	13.9	313	3540	>10000	11.00	20	0.24
I105035		2.46	11.8	2.84	47	130	0.6	38	2.50	2.3	309	2470	>10000	15.25	10	0.25
I105036		2.04	11.3	2.82	87	150	0.7	39	2.51	1.8	267	2240	>10000	14.20	10	0.28
I105037		2.38	5.3	2.91	12	150	0.9	4	2.88	0.9	258	2390	9330	13.75	10	0.31
I105038		2.47	7.5	2.56	8	130	0.8	50	3.27	1.3	308	5510	>10000	15.30	10	0.24
I105039		2.52	9.6	1.87	<5	80	<0.5	47	2.07	2.2	522	2300	>10000	20.7	10	0.14
I105040		1.31	<0.5	0.08	<5	<10	<0.5	4	18.50	<0.5	11	42	383	0.22	<10	0.02
I105041		2.32	18.1	2.85	8	120	0.8	45	3.18	3.5	238	1940	>10000	13.20	10	0.23
I105042		2.42	9.9	3.57	10	170	0.8	40	3.29	1.9	139	1690	>10000	10.65	10	0.32
I105043		1.80	6.3	3.79	38	130	0.8	11	3.04	1.2	113	1870	6390	9.64	10	0.30
I105043 CRD		0.02	6.9	3.74	37	130	0.9	18	2.99	1.2	113	1910	6920	9.98	10	0.30
I105044		2.32	0.8	4.06	5	180	0.8	<2	4.07	<0.5	107	1750	980	9.50	10	0.37
I105045		2.29	3.7	3.44	10	180	0.8	10	3.38	0.7	162	2010	5390	11.05	10	0.30
I105046		1.94	3.4	3.24	16	150	0.7	5	3.04	0.6	153	2320	4250	10.55	10	0.30
I105047		2.22	3.3	3.23	<5	150	0.7	8	3.37	0.8	142	2270	4450	10.20	10	0.31
I105048		1.13	<0.5	0.09	<5	10	<0.5	<2	20.3	<0.5	4	10	18	0.18	<10	0.03
I105049		2.27	5.0	2.74	267	130	0.8	5	2.68	0.8	272	2000	>10000	13.95	10	0.23
I105050		0.08	<0.5	6.71	<5	60	<0.5	<2	4.88	<0.5	81	3640	732	6.35	10	0.16
I105051		2.44	2.8	3.18	17	140	0.8	<2	3.12	<0.5	148	2320	4340	10.80	10	0.27
I105052		2.44	8.9	2.63	1040	110	0.8	2	2.51	<0.5	175	2360	9270	11.50	10	0.18
I105053		2.48	3.8	2.94	708	130	0.8	7	2.75	<0.5	142	2810	2800	10.25	10	0.21
I105054		2.28	<0.5	2.93	30	80	1.0	6	2.03	<0.5	128	2790	892	9.74	10	0.21
I105055		4.81	<0.5	2.84	13	100	0.8	6	2.40	<0.5	131	2880	518	9.84	10	0.19
I105056		3.63	0.8	2.92	<5	80	1.8	4	1.76	<0.5	138	2880	848	10.25	10	0.18
I105057		2.91	0.9	2.84	27	100	1.2	2	2.24	<0.5	146	2890	1745	10.10	10	0.19
I105058		4.66	1.8	2.80	13	100	1.0	<2	2.41	<0.5	157	2970	2810	10.45	10	0.17
I105059		4.00	0.7	2.68	<5	390	0.7	<2	2.44	0.7	150	2850	1740	10.55	10	0.18
I105060		0.06	<0.5	6.88	<5	980	1.0	3	1.45	<0.5	5	51	20	1.44	10	2.17
I105061		4.82	0.9	2.80	7	200	1.1	3	2.22	<0.5	139	2740	983	10.15	10	0.23
I105062		4.69	1.8	2.75	7	110	0.7	<2	2.63	<0.5	157	2920	2900	10.80	10	0.22
I105063		4.77	1.0	2.74	9	110	0.8	3	2.62	<0.5	152	2990	1360	11.15	10	0.19
I105063 CRD		<0.02	1.3	2.87	6	100	0.5	5	2.55	<0.5	144	2810	1455	10.65	10	0.18
I105064		4.31	1.2	2.91	12	110	0.8	3	2.40	<0.5	141	2570	1315	10.75	10	0.19

Comments: **CORRECTED COPY FOR ME- ICP61 ON SAMPLES I105048 TO I105052**



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Page: 2 - B
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 Account: MGMAM

Project: CL10- 001

CERTIFICATE OF ANALYSIS TB10057467

Sample Description	Method Analyte Units LOR	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Ti ppm
E191496		20	12.40	1365	1	0.69	920	830	<2	1.15	5	20	322	<20	0.81	<10
I105028		20	0.41	132	<1	1.62	18	260	10	0.15	<6	3	120	20	0.07	<10
I105029		20	0.33	134	1	1.43	9	220	18	0.24	<6	3	128	20	0.07	<10
I105030		20	12.05	1315	1	0.61	914	780	<2	1.09	<6	18	329	<20	0.78	<10
I105031		20	12.80	1525	1	0.64	948	900	8	1.08	<6	17	318	<20	0.60	<10
I105032		20	11.70	1325	1	0.94	1750	870	29	1.02	<6	18	370	<20	0.90	<10
I105033		20	12.35	1285	1	0.66	3350	630	930	2.53	<6	15	284	<20	0.75	<10
I105034		20	13.05	1250	7	0.21	5720	710	5180	4.46	10	15	118	<20	0.74	<10
I105035		10	11.45	1260	1	0.58	5930	700	33	8.50	<6	14	280	<20	0.69	<10
I105036		10	12.80	1390	1	0.55	4880	700	94	5.18	5	14	303	<20	0.68	<10
I105037		20	12.50	1325	2	0.71	4720	690	180	3.47	6	14	283	<20	0.70	<10
I105038		10	11.15	1310	1	0.62	6200	530	27	4.78	<6	16	228	<20	0.70	<10
I105039		10	9.84	1185	1	0.27	>10000	370	33	8.29	<6	13	139	<20	0.57	<10
I105040		<10	12.90	127	<1	0.01	214	20	<2	0.04	<6	<1	43	<20	0.01	<10
I105041		10	11.85	1240	1	0.55	5270	700	278	3.87	<6	17	298	<20	0.79	<10
I105042		20	11.40	1220	1	0.74	2450	820	42	2.04	<6	17	331	<20	0.88	<10
I105043		20	12.45	1320	1	0.66	1360	890	18	0.72	<6	19	259	<20	0.68	<10
I105043 CRD		20	12.40	1305	1	0.55	1430	900	13	0.77	<6	19	257	<20	0.68	<10
I105044		20	11.80	1335	1	0.95	1060	920	3	0.33	<6	19	378	<20	1.01	<10
I105045		20	12.15	1280	<1	0.74	2680	820	8	1.89	<6	17	313	<20	0.85	<10
I105046		20	12.45	1305	1	0.66	2400	760	11	2.24	<6	15	300	<20	0.76	<10
I105047		20	12.90	1315	2	0.70	2220	740	22	1.44	6	16	330	<20	0.80	<10
I105048		<10	12.20	124	<1	0.01	10	20	4	<0.01	<6	<1	50	<20	0.01	<10
I105049		20	10.75	1185	<1	0.54	7180	900	22	8.98	<6	14	254	<20	0.85	<10
I105050		10	9.85	1135	<1	0.74	1485	150	10	0.33	<6	20	190	<20	0.12	<10
I105051		20	11.85	1325	<1	0.60	2540	730	11	2.36	<6	18	299	<20	0.84	<10
I105052		20	12.65	1245	<1	0.41	3860	580	15	5.48	<6	13	208	<20	0.31	<10
I105053		20	15.10	1355	1	0.40	1850	640	28	1.82	<6	13	269	<20	0.52	<10
I105054		20	14.80	1295	1	0.27	1290	620	3	1.05	5	13	144	<20	0.55	<10
I105055		10	15.00	1380	<1	0.34	1270	600	10	0.85	<6	14	182	<20	0.58	<10
I105056		20	15.10	1340	<1	0.21	1420	620	14	0.57	<6	14	128	<20	0.65	<10
I105057		20	14.45	1335	1	0.34	1790	600	8	1.12	<6	13	189	<20	0.59	<10
I105058		20	14.60	1305	1	0.36	2130	590	<2	2.28	<6	13	209	<20	0.60	<10
I105059		10	15.35	1395	1	0.42	1810	570	20	1.28	<6	13	245	<20	0.55	<10
I105060		10	0.25	431	<1	2.77	21	200	10	<0.01	<6	5	181	<20	0.14	<10
I105061		20	15.25	1300	<1	0.37	1520	590	9	1.05	5	14	211	<20	0.58	<10
I105062		10	15.05	1330	1	0.44	2220	580	8	1.35	<6	13	242	<20	0.62	<10
I105063		10	15.40	1405	1	0.53	1880	630	<2	1.45	<6	12	277	<20	0.48	<10
I105063 CRD		10	14.70	1350	1	0.52	1800	590	<2	1.36	5	12	272	<20	0.48	<10
I105064		10	14.55	1375	<1	0.58	1820	630	<2	1.71	<6	12	272	<20	0.51	<10

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CERTIFICATE OF ANALYSIS TB10057467

Sample Description	Method Analyte Units LOR	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	Cu- OG62	NI- OG62	PGM- MS23	PGM- MS23	PGM- MS23	PGM- ICP27	PGM- ICP27	PGM- ICP27
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Cu % 0.001	NI % 0.001	Au ppm 0.001	Pt ppm 0.0005	Pd ppm 0.001	Au ppm 0.03	Pt ppm 0.03	Pd ppm 0.03
E191496		<10	187	<10	82			0.018	0.228	0.204			
I105028		10	7	<10	11			0.001	0.0012	0.001			
I105029		10	7	<10	9			0.001	0.0014	0.001			
I105030		<10	181	<10	71			0.018	0.210	0.198			
I105031		<10	177	<10	91			0.058	0.648	0.577			
I105032		<10	181	<10	122			0.113	>1.00	>1.00	0.11	1.50	1.38
I105033		<10	185	<10	344			0.180	>1.00	>1.00	0.18	2.89	2.68
I105034		<10	174	<10	1540	1.480		0.357	>1.00	>1.00	0.40	8.00	5.44
I105035		<10	181	<10	143	1.625		0.440	>1.00	>1.00	0.48	6.55	6.07
I105036		<10	150	<10	127	1.190		0.330	>1.00	>1.00	0.38	4.85	4.53
I105037		<10	156	<10	189			0.149	>1.00	>1.00	0.17	3.23	3.33
I105038		<10	213	<10	137	1.280		0.288	>1.00	>1.00	0.28	5.65	5.55
I105039		<10	179	<10	150	2.08	1.280	0.381	>1.00	>1.00	0.37	10.85	10.20
I105040		<10	3	<10	8			0.003	0.0337	0.032			
I105041		<10	188	<10	180	1.705		0.838	>1.00	>1.00	0.72	9.80	8.31
I105042		<10	176	<10	100	1.080		0.387	>1.00	>1.00	0.50	5.78	4.94
I105043		<10	193	<10	90			0.288	>1.00	>1.00	0.31	3.33	2.75
I105043 CRD		<10	195	<10	98			0.303	>1.00	>1.00	0.32	3.67	3.08
I105044		<10	195	<10	117			0.045	0.682	0.638			
I105045		<10	175	<10	115			0.157	>1.00	>1.00	0.18	2.35	2.23
I105046		<10	162	<10	118			0.128	>1.00	>1.00	0.13	1.86	1.79
I105047		<10	163	<10	120			0.132	>1.00	>1.00	0.14	2.18	2.01
I105048		<10	1	<10	3			0.003	0.0118	0.011			
I105049		<10	151	<10	90	1.340		0.327	>1.00	>1.00	0.34	8.43	5.62
I105050		<10	114	<10	289			0.113	>1.00	0.558	0.11	1.26	0.57
I105051		<10	177	<10	107			0.113	>1.00	>1.00	0.12	1.88	1.78
I105052		<10	134	<10	87			0.288	>1.00	>1.00	0.29	4.05	3.05
I105053		<10	144	<10	118			0.115	>1.00	0.808	0.07	1.18	0.71
I105054		<10	160	<10	101			0.018	0.225	0.218			
I105055		<10	154	<10	118			0.018	0.205	0.188			
I105056		<10	158	<10	84			0.021	0.279	0.275			
I105057		<10	153	<10	101			0.047	0.881	0.899			
I105058		<10	158	<10	105			0.083	>1.00	>1.00	0.08	1.04	0.98
I105059		<10	154	<10	128			0.045	0.583	0.549			
I105060		<10	19	<10	30			0.002	0.0018	0.001			
I105061		<10	160	<10	101			0.024	0.314	0.305			
I105062		<10	158	<10	113			0.055	0.773	0.788			
I105063		<10	146	<10	125			0.036	0.480	0.438			
I105063 CRD		<10	140	<10	120			0.044	0.541	0.518			
I105064		<10	146	<10	124			0.037	0.419	0.441			

Comments: **CORRECTED COPY FOR ME- ICP61 ON SAMPLES I105048 TO I105052**



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To: MAGMA METALS (CANADA) LIMITED
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 THUNDER BAY ON P7B 6V1

Page: 3 - A
 Total # Pages: 3 (A - C)
 Finalized Date: 23- MAY- 2010
 Account: MGMAM

Project: CL10- 001

CERTIFICATE OF ANALYSIS TB10057467

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP61 Ag ppm	ME- ICP61 Al %	ME- ICP61 As ppm	ME- ICP61 Ba ppm	ME- ICP61 Be ppm	ME- ICP61 Bi ppm	ME- ICP61 Ca %	ME- ICP61 Cd ppm	ME- ICP61 Co ppm	ME- ICP61 Cr ppm	ME- ICP61 Cu ppm	ME- ICP61 Fe %	ME- ICP61 Ga ppm	ME- ICP61 K %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
I105065		4.73	0.7	3.08	8	120	0.8	<2	2.70	<0.5	131	2930	672	10.30	10	0.24
I105066		4.86	1.0	3.34	<5	130	0.7	<2	2.89	0.5	134	2320	1360	10.50	10	0.38
I105067		3.89	1.0	3.81	<5	150	0.8	<2	3.16	0.5	135	2310	1300	11.00	20	0.38
I105068		5.08	0.7	7.55	10	340	1.8	<2	2.79	<0.5	88	289	89	13.55	30	1.18
I105069		1.97	<0.5	7.91	27	970	2.0	<2	2.75	<0.5	41	21	41	8.10	20	1.45
I105070		0.08	0.5	3.93	<5	40	<0.5	<2	8.13	0.8	93	800	1420	6.84	10	0.14
I105071		1.06	<0.5	0.10	<5	<10	<0.5	<2	19.20	<0.5	3	13	14	0.18	<10	0.02
I105072		3.94	<0.5	6.71	5	740	1.5	<2	0.25	<0.5	3	10	7	1.18	20	4.35
I105073		5.17	<0.5	6.01	<5	450	1.2	<2	0.23	<0.5	2	7	2	0.79	20	4.22

Comments: **CORRECTED COPY FOR ME- ICP61 ON SAMPLES I105048 TO I105052**



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Page: 3 - B
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 Account: MGMAM

Project: CL10- 001

CERTIFICATE OF ANALYSIS TB10057467

Sample Description	Method Analyte Units LOR	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Tl %	Tl ppm
		10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
I105065		10	14.35	1345	<1	0.63	1360	690	4	1.17	<5	13	304	<20	0.63	<10
I105066		20	14.25	1355	1	0.76	1590	720	<2	0.82	<5	13	327	<20	0.77	<10
I105067		20	13.60	1365	1	0.81	1510	820	<2	0.68	<5	14	349	<20	0.69	<10
I105068		30	5.15	1420	1	2.08	190	1620	<2	0.48	<5	14	572	<20	2.15	<10
I105069		40	3.00	1020	1	2.68	25	1820	8	0.91	<5	14	449	<20	1.63	<10
I105070		<10	11.15	1445	<1	0.47	1980	140	5	1.04	<5	23	71	<20	0.18	<10
I105071		<10	13.20	133	<1	0.01	17	20	<2	<0.01	<5	<1	50	<20	0.01	<10
I105072		20	0.23	94	1	1.63	5	190	20	0.62	<5	2	103	20	0.05	<10
I105073		30	0.11	62	1	2.21	2	200	27	0.33	<5	2	62	20	0.05	<10

Comments: **CORRECTED COPY FOR ME- ICP61 ON SAMPLES I105048 TO I105052**



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 Finalized Date: 23- MAY- 2010
 Account: MGMAM

Project: CL10- 001

CERTIFICATE OF ANALYSIS TB10057467

Sample Description	Method Analyte Units LOR	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	Cu- OG62	NI- OG62	PGM- MS23	PGM- MS23	PGM- MS23	PGM- ICP27	PGM- ICP27	PGM- ICP27
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Cu % 0.001	NI % 0.001	Au ppm 0.001	Pt ppm 0.0005	Pd ppm 0.001	Au ppm 0.03	Pt ppm 0.03	Pd ppm 0.03
I105065		<10	167	<10	119			0.018	0.209	0.211			
I105066		<10	162	<10	129			0.037	0.418	0.417			
I105067		<10	188	<10	138			0.036	0.397	0.410			
I105068		<10	437	<10	185			0.003	0.0056	0.004			
I105069		<10	228	<10	118			0.002	0.0028	0.003			
I105070		<10	101	<10	73			0.175	0.886	>1.00	0.17	0.86	0.89
I105071		<10	3	<10	3			0.003	0.0013	0.001			
I105072		20	5	<10	8			0.002	0.0020	0.002			
I105073		10	3	<10	8			0.002	0.0012	0.001			

Comments: **CORRECTED COPY FOR ME- ICP61 ON SAMPLES I105048 TO I105052**



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Page: 1

Finalized Date: 19-MAY-2010

Account: MGMAM

CERTIFICATE TB10054568

Project: CL10-002

P.O. No.:

This report is for 15 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-MAY-2010.

The following have access to data associated with this certificate:

MGMAM - CONSULTANT WEBTRIE

BILL STONE

RYAN WESTON

JUSTIN JOHNSON

MGMAM DATA SUPPORT

ALLAN MACTAVISH

KEITH WATKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
DRY-21	High Temperature Drying
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
SPL-34	Pulp Splitting Charge
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-2	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS23	Pt, Pd, Au 30g FA ICP-MS	ICP-MS
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
ME-ICP81	33 element four acid ICP-AES	ICP-AES

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ATTN: MGMAM DATA SUPPORT

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THUNDER BAY ON P7B 6V1

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

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - C)

Finalized Date: 19-MAY-2010

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Project: CL10-002

CERTIFICATE OF ANALYSIS TB10054568

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ce %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E181487		0.93	0.5	7.91	9	260	1.8	<2	1.71	0.8	42	8	21	8.02	20	1.13
I105074		3.80	<0.5	8.89	7	650	1.3	2	0.17	0.8	3	7	1	0.62	20	4.22
I105075		4.10	<0.5	8.78	7	810	1.3	<2	0.37	0.8	2	7	2	0.73	20	4.24
I105076		2.19	<0.5	7.03	5	1370	1.4	<2	0.23	0.8	2	10	2	0.88	20	5.08
I105077		4.27	<0.5	5.95	<5	320	1.7	7	2.27	<0.5	98	982	98	11.85	20	0.77
I105078		1.93	<0.5	7.37	5	420	1.8	<2	2.11	<0.5	91	231	40	14.05	30	1.11
I105079		2.28	<0.5	7.62	<5	2830	1.5	<2	2.77	<0.5	89	98	43	15.05	30	1.18
I105080		0.08	<0.5	7.18	<5	60	<0.5	2	4.68	<0.5	81	3470	687	8.35	10	0.17
I105081		2.22	<0.5	7.08	8	640	1.7	<2	2.86	<0.5	64	58	22	12.30	30	1.16
I105082		0.14	<0.5	7.51	7	650	2.1	<2	2.38	<0.5	43	13	19	8.87	20	1.23
I105083		0.94	<0.5	7.22	15	230	1.7	<2	1.84	<0.5	37	5	21	7.94	20	1.08
I105083 CRD		<0.02	<0.5	7.43	20	230	1.7	<2	1.78	<0.5	38	5	28	8.17	20	1.08
I105084		3.78	<0.5	5.98	12	830	1.1	<2	0.47	<0.5	2	8	3	0.80	20	4.11
I105085		1.06	<0.5	0.06	13	30	<0.5	<2	18.00	<0.5	1	2	1	0.06	<10	0.02
I105086		3.97	<0.5	8.00	<5	450	1.2	<2	0.39	1.3	1	7	2	0.72	10	3.94



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Account: MGMAM

Project: CL10-002

CERTIFICATE OF ANALYSIS TB10054568

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Th ppm	Ti %	Tl ppm
		10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E181487		40	3.77	918	1	2.88	18	2040	39	3.09	<5	14	124	<20	1.67	<10
I105074		20	0.10	32	<1	2.33	3	170	82	0.51	<5	2	118	20	0.07	<10
I105075		20	0.14	91	<1	2.16	<1	180	77	0.55	<5	2	148	20	0.05	<10
I105076		10	0.19	128	<1	1.88	<1	200	167	0.39	<5	2	245	20	0.06	<10
I105077		30	8.73	1305	1	1.11	457	1370	8	1.02	<5	14	197	<20	1.31	<10
I105078		30	5.33	1085	<1	1.75	141	1450	9	1.03	<5	13	191	<20	2.32	<10
I105079		30	4.01	1735	1	2.09	100	1750	8	0.72	<5	15	541	<20	2.41	10
I105080		<10	10.20	1130	<1	0.79	1430	170	4	0.33	21	19	182	<20	0.14	<10
I105081		40	3.78	1365	<1	2.37	80	1580	5	0.52	<5	14	423	<20	2.08	<10
I105082		40	3.63	1015	<1	2.88	21	1820	11	0.95	<5	14	360	<20	1.59	<10
I105083		50	3.73	918	<1	2.76	15	1860	68	2.78	<5	15	114	<20	1.63	<10
I105083 CRD		50	3.84	929	<1	2.84	17	1870	45	2.85	<5	15	113	<20	1.67	<10
I105084		30	0.15	94	<1	2.32	1	170	31	0.38	<5	2	112	20	0.07	<10
I105085		10	12.85	300	<1	0.03	<1	30	2	0.02	<5	<1	114	<20	0.01	<10
I105086		40	0.14	87	<1	2.08	1	180	25	0.31	<5	2	88	20	0.08	<10



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Finalized Date: 19-MAY-2010

Account: MGMAM

Project: CL10-002

CERTIFICATE OF ANALYSIS TB10054568

Sample Description	Method Analyte Units LOR	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
		U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
E181487		<10	221	<10	333	0.002	0.0010	0.001			
I105074		20	5	<10	148	0.003	0.0014	0.001			
I105075		10	3	<10	95	0.002	0.0012	0.002			
I105076		80	5	<10	95	0.003	0.0008	0.001			
I105077		<10	288	<10	157	0.002	0.0059	0.009			
I105078		<10	510	<10	173	0.002	0.0009	0.001			
I105079		<10	536	<10	226	0.002	0.0011	0.001			
I105080		<10	119	<10	308	0.102	>1.00	0.516	0.11	1.20	0.55
I105081		<10	403	<10	175	0.002	0.0011	0.001			
I105082		<10	234	<10	111	0.002	0.0009	0.001			
I105083		<10	216	<10	288	0.002	0.0008	0.001			
I105083 CRD		<10	218	<10	304	0.002	0.0007	0.001			
I105084		20	8	<10	9	0.002	0.0008	0.001			
I105085		<10	3	<10	15	<0.001	<0.0005	<0.001			
I105086		20	5	<10	78	<0.001	<0.0005	<0.001			



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Page: 1

Finalized Date: 7-JUL-2010

Account: MGMAM

CERTIFICATE TB10085221

Project: CL10-003

P.O. No.:

This report is for 14 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

MGMAM - CONSULTANT WEBTRIE

BILL STONE

RYAN WESTON

JUSTIN JOHNSON

MGMAM DATA SUPPORT

ALLAN MACTAVISH

KEITH WATKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
DRY-21	High Temperature Drying
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS23	Pt, Pd, Au 30g FA ICP-MS	ICP-MS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: MAGMA METALS (CANADA) LIMITED

ATTN: MGMAM DATA SUPPORT

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - C)

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Account: MGMAM

Project: CL10-003

CERTIFICATE OF ANALYSIS TB10085221

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ce %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
I105425		4.23	<0.5	7.43	10	860	0.5	2	0.78	<0.5	8	45	21	2.39	20	3.73
I105426		4.07	<0.5	7.23	<5	960	0.6	2	0.72	<0.5	9	33	26	2.21	20	3.09
I105427		4.17	<0.5	8.04	14	480	1.8	<2	3.88	<0.5	41	4	13	8.31	20	1.12
I105428		2.21	<0.5	7.72	7	490	1.8	<2	4.75	<0.5	44	5	12	8.19	20	1.08
I105429		4.30	<0.5	7.47	8	760	0.6	<2	0.90	<0.5	10	39	22	2.49	20	3.23
I105430		0.08	0.6	3.88	<5	40	<0.5	3	8.19	<0.5	92	711	1470	8.73	10	0.12
I105431		4.25	<0.5	7.43	8	730	0.5	<2	1.27	<0.5	9	48	38	2.40	20	3.34
I105432		4.34	<0.5	7.11	<5	750	<0.5	<2	0.96	<0.5	9	54	32	2.64	20	3.29
I105433		4.31	<0.5	7.68	<5	790	0.8	<2	1.25	<0.5	15	89	151	3.44	20	2.77
I105434		2.19	<0.5	7.98	5	340	1.7	5	3.74	<0.5	37	4	9	8.35	20	1.10
I105435		1.72	<0.5	7.89	<5	520	1.7	2	2.98	<0.5	32	3	6	8.09	20	1.32
I105436		2.16	<0.5	8.14	<5	390	1.9	5	3.95	<0.5	34	4	3	6.66	20	1.08
I105437		4.58	<0.5	7.73	<5	590	0.9	<2	1.48	<0.5	19	124	48	4.28	20	2.50
I105438		4.37	<0.5	6.97	<5	1040	0.5	<2	0.69	<0.5	8	44	17	2.27	20	3.85



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Total # Pages: 2 (A - C)

Finalized Date: 7-JUL-2010

Account: MGMAM

Project: CL10-003

CERTIFICATE OF ANALYSIS TB10085221

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Th	Ti	Ti
		ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
I105425		60	0.70	365	4	2.07	25	480	20	0.09	<5	7	270	30	0.21	<10
I105426		60	0.65	334	3	2.16	20	450	20	0.10	<5	7	280	30	0.20	10
I105427		50	2.70	1200	1	3.02	14	2000	<2	0.44	<5	16	327	20	1.66	<10
I105428		50	2.22	1175	1	2.63	19	1790	<2	0.76	5	15	377	<20	1.70	<10
I105429		50	0.70	379	4	2.34	25	480	16	0.19	<5	8	281	30	0.24	<10
I105430		10	10.50	1455	<1	0.46	2010	130	9	1.12	<5	23	69	<20	0.16	<10
I105431		40	0.72	325	1	2.25	31	590	35	0.10	<5	8	335	20	0.23	<10
I105432		60	0.74	335	1	2.21	28	520	23	0.14	<5	10	270	30	0.28	<10
I105433		40	1.06	697	1	2.03	36	780	12	0.47	<5	10	404	<20	0.31	<10
I105434		50	2.87	1020	<1	2.64	16	1870	5	0.95	<5	17	376	<20	1.71	10
I105435		50	3.01	1135	<1	2.56	13	1800	5	0.30	<5	16	353	<20	1.57	<10
I105436		40	3.18	1215	<1	2.94	17	1800	4	0.22	<5	16	366	<20	1.86	<10
I105437		40	1.66	754	1	2.02	55	900	12	0.41	<5	13	481	<20	0.36	<10
I105438		70	0.66	326	2	1.96	20	660	23	0.16	<5	6	314	20	0.22	<10



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Total # Pages: 2 (A - C)
Finalized Date: 7-JUL-2010
Account: MGMAM

Project: CL10-003

CERTIFICATE OF ANALYSIS TB10085221

Sample Description	Method	Analyte	Units	LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
					U	V	W	Zn	Au	Pt	Pd
					ppm	ppm	ppm	ppm	ppm	ppm	ppm
					10	1	10	2	0.001	0.0005	0.001
I105425					<10	48	<10	57	0.003	0.0014	0.001
I105426					<10	42	<10	48	0.002	0.0010	0.001
I105427					<10	205	<10	121	0.002	0.0009	0.001
I105428					<10	221	<10	105	0.002	0.0010	0.001
I105429					<10	50	<10	56	0.002	0.0014	0.001
I105430					<10	95	<10	66	0.172	0.807	0.829
I105431					<10	47	<10	77	0.001	0.0009	0.001
I105432					<10	50	<10	56	0.001	0.0007	0.001
I105433					<10	66	<10	48	<0.001	0.0009	0.001
I105434					<10	215	<10	167	0.001	<0.0005	<0.001
I105435					<10	186	<10	111	<0.001	<0.0005	<0.001
I105436					<10	243	<10	110	0.001	<0.0005	<0.001
I105437					<10	94	<10	87	0.002	0.0013	0.001
I105438					<10	41	<10	37	0.001	0.0007	0.001



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Account: MGMAM

CERTIFICATE TB10085220

Project: CL10-004

P.O. No.:

This report is for 15 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

MGMAM - CONSULTANT WEBTRIE

BILL STONE

RYAN WESTON

JUSTIN JOHNSON

MGMAM DATA SUPPORT

ALLAN MACTAVISH

KEITH WATKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
DRY-21	High Temperature Drying
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
SPL-34	Pulp Splitting Charge
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-2	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS23	Pt, Pd, Au 30g FA ICP-MS	ICP-MS
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
ME-ICP81	33 element four acid ICP-AES	ICP-AES

To: MAGMA METALS (CANADA) LIMITED

ATTN: MGMAM DATA SUPPORT

P.O. BOX 10628

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

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 7-JUL-2010

Account: MGMAM

Project: CL10-004

CERTIFICATE OF ANALYSIS TB10085220

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP81 Ag ppm	ME-ICP81 Al %	ME-ICP81 As ppm	ME-ICP81 Ba ppm	ME-ICP81 Be ppm	ME-ICP81 Bi ppm	ME-ICP81 Ca %	ME-ICP81 Cd ppm	ME-ICP81 Co ppm	ME-ICP81 Cr ppm	ME-ICP81 Cu ppm	ME-ICP81 Fe %	ME-ICP81 Ga ppm	ME-ICP81 K %
Sample Description	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E184408	1.89	<0.5	8.88	8	860	0.5	2	0.28	<0.5	3	10	12	1.38	10	4.10
I105439	3.75	<0.5	7.75	10	450	0.8	<2	0.73	<0.5	8	54	32	3.05	20	2.72
I105440	1.71	<0.5	8.21	14	840	<0.6	<2	0.25	<0.5	3	8	8	1.04	10	3.98
I105441	4.20	0.5	8.44	8	270	2.2	<2	3.47	<0.5	35	6	118	7.14	20	1.15
I105442	4.40	<0.5	7.81	7	570	1.9	<2	4.85	<0.5	41	12	20	8.94	20	0.98
I105443	2.06	<0.5	8.10	<5	400	2.0	<2	4.37	<0.5	40	7	18	8.55	20	0.92
I105443 CRD	<0.02	<0.5	8.08	<5	400	2.0	<2	4.38	<0.5	40	7	18	8.54	20	0.82
I105444	4.07	<0.5	7.37	5	810	0.7	<2	0.59	<0.5	4	5	2	1.43	20	3.82
I105445	4.45	<0.5	8.98	<5	770	0.8	2	0.54	<0.5	3	8	1	1.15	20	3.82
I105446	3.85	<0.5	7.41	<5	760	0.6	<2	0.43	<0.5	4	8	4	1.54	20	4.01
I105447	4.10	<0.5	7.18	8	760	0.5	<2	0.54	<0.5	4	14	5	1.57	20	3.98
I105448	1.89	<0.5	7.58	5	360	1.7	<2	4.85	<0.5	30	2	21	8.03	20	1.13
I105449	4.11	<0.5	7.04	10	850	0.5	<2	0.58	<0.5	4	18	8	1.80	20	4.14
I105450	0.08	<0.5	8.79	11	80	<0.5	<2	4.88	<0.5	78	3400	880	8.40	10	0.18
I105451	4.81	<0.5	8.93	<5	800	<0.5	<2	0.59	<0.5	4	27	8	1.58	20	4.28



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Account: MGMAM

Project: CL10-004

CERTIFICATE OF ANALYSIS TB10085220

Sample Description	Method Analyte Units LOR	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Th ppm	Ti %	Tl ppm
		10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E184408		70	0.25	123	5	2.13	3	380	19	0.23	<5	3	175	20	0.11	<10
I105439		20	0.77	296	10	2.71	30	440	11	0.14	<5	6	173	<20	0.27	<10
I105440		60	0.19	90	3	1.95	3	350	15	0.24	<5	2	167	30	0.09	<10
I105441		50	2.45	880	2	2.67	7	2050	<2	1.15	<5	18	247	<20	1.72	<10
I105442		40	2.55	1385	1	2.19	25	1700	<2	0.46	<5	15	422	<20	1.81	<10
I105443		50	2.78	1315	1	2.57	17	1900	4	1.01	<5	16	467	<20	1.78	<10
I105443 CRD		50	2.78	1320	2	2.55	19	1890	<2	1.02	<5	16	468	<20	1.78	<10
I105444		60	0.41	165	<1	2.59	2	420	16	0.25	<5	3	220	40	0.14	<10
I105445		60	0.33	154	<1	2.45	4	390	19	0.08	<5	2	199	30	0.10	<10
I105446		60	0.43	163	<1	2.55	5	430	19	0.02	<5	3	195	40	0.11	<10
I105447		60	0.40	187	2	2.33	12	400	19	0.14	<5	3	207	30	0.12	<10
I105448		40	2.46	1130	1	2.37	15	1760	5	0.44	<5	15	298	<20	1.58	<10
I105449		50	0.41	196	5	2.20	8	1080	24	0.14	<5	4	223	30	0.13	<10
I105450		10	10.10	1140	1	0.77	1415	160	5	0.31	<5	19	173	<20	0.11	<10
I105451		40	0.38	198	10	2.16	11	850	23	0.05	<5	4	218	20	0.13	<10



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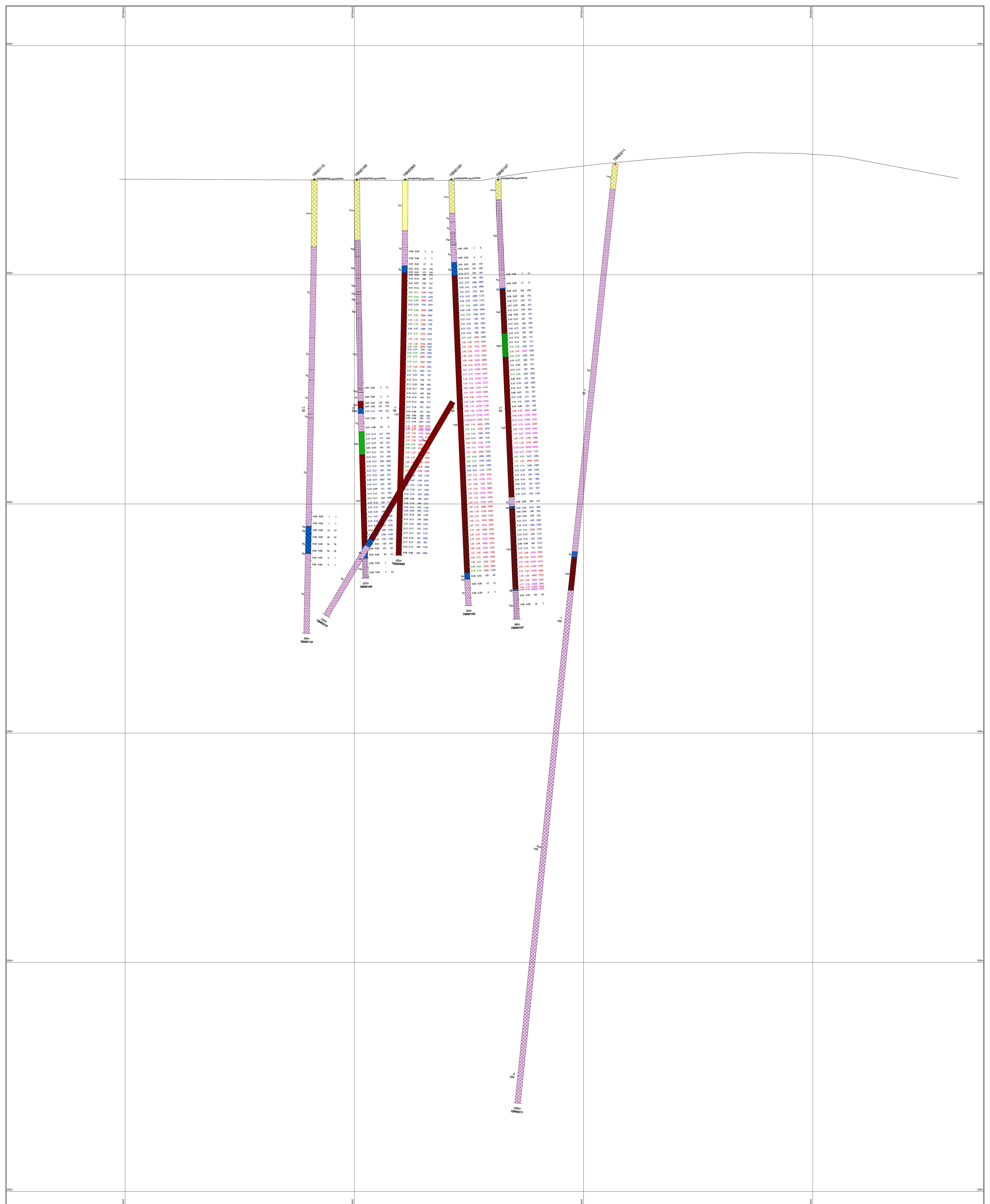
Account: MGMAM

Project: CL10-004

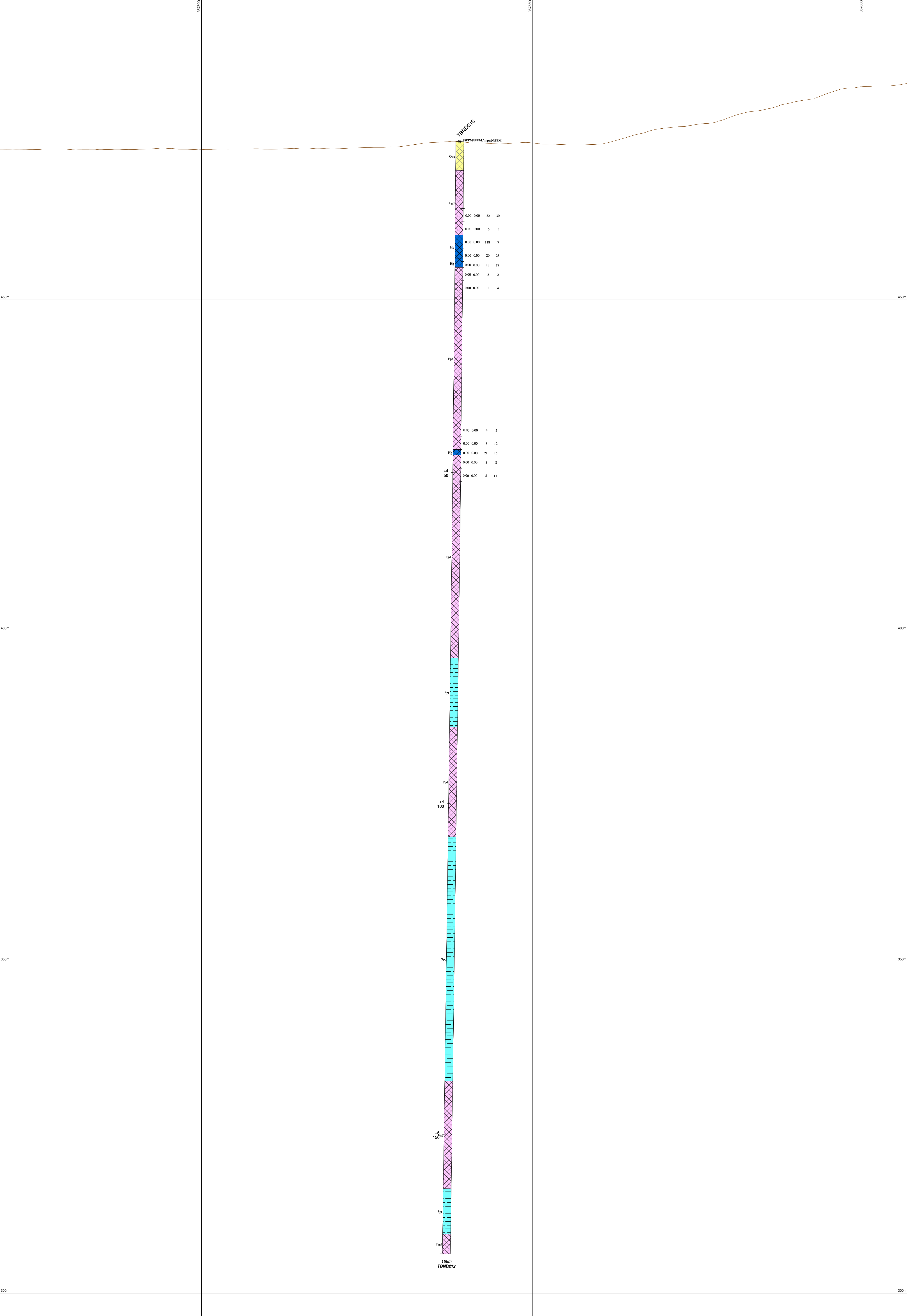
CERTIFICATE OF ANALYSIS TB10085220

Method Analyte Units LOR	ME-ICP81 U ppm 10	ME-ICP81 V ppm 1	ME-ICP81 W ppm 10	ME-ICP81 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001	PGM-ICP27 Au ppm 0.03	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03	Sample Description
	<10	18	<10	12	0.003	0.0010	0.001				E184408
	<10	42	<10	51	0.006	0.0015	0.001				I105439
	<10	13	<10	8	0.002	0.0018	0.001				I105440
	<10	187	<10	88	0.003	0.0015	0.001				I105441
	<10	262	<10	128	0.002	0.0010	0.001				I105442
	<10	236	<10	134	0.002	0.0014	0.001				I105443
	<10	237	<10	135	0.003	0.0018	0.001				I105443 CRD
	<10	25	<10	17	0.002	0.0048	0.003				I105444
	10	18	<10	21	0.002	0.0030	0.002				I105445
	<10	22	<10	21	0.002	0.0008	<0.001				I105446
	<10	23	<10	19	0.002	0.0007	0.001				I105447
	<10	204	<10	142	0.003	0.0007	0.001				I105448
	<10	23	<10	24	0.001	0.0019	0.002				I105449
	<10	110	<10	288	0.123	>1.00	0.584	0.10	1.17	0.53	I105450
	<10	25	<10	35	0.002	0.0012	0.001				I105451

Appendix 3 Drill Sections



Lithology Overburden glacial/mud Sedimentary rocks Chert Sedimentary gneiss Schist Siltstone/Sandstone	Breccia Granodiorite Alkali feldspar granite Monzonite Granite Felsic breccia	Hybrid red Hybrid grey Intermediate rock, Diorite Mafic rock, Gabbro Gabbro - Leucocratic Gabbro - Noritic	Gabbro - Vein/Textured Troctolite Diabase Ultramafic Rocks Pyroxenite Peridotite Massive sulphide	Vein Interfingered Ultramafic/Mafic/Felsic Mixed Inclusion Breccia No core	PI-IP 0.0 - 0.5 0.5 - 2.0 2.0 - 5.0 5.0 - 10.0 10.0 - 15.0	Cu-NI 0 - 100 100 - 2000 2000 - 5000 5000 - 10000	Scale 1 : 250	Plot Date 24-Nov-2010 Plot File: CL_N5403050	Sheet 1 of 1	Thunder Bay North Project Current Lake Prospect CL_N5403050 Looking North Grid: NAD83 Zone16	MAGMA METALS LTD.
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Lithology	
Overburden	Breccia
Overburden glacial/mud	Granodiorite
Sedimentary rocks	Alkali feldspar granite
Chert	Monzonite
Sedimentary gneiss	Granite
Schist	Tonalite
Siltstone/Sandstone	Felsic breccia
Hybrid red	Hybrid grey
Intermediate rock, Diorite	Mafic rock, Gabbro
Gabbro - Leucocratic	Gabbro - Melanocratic
Gabbro - Noritic	Gabbro - Vari/Textured
Troctolite	Diabase
Ultramafic Rocks	Pyroxenite
Peridotite	Massive sulphide
Vein	Interfingered Ultramafic/Mafic/Felsic
Mixed Intrusion Breccia	No core

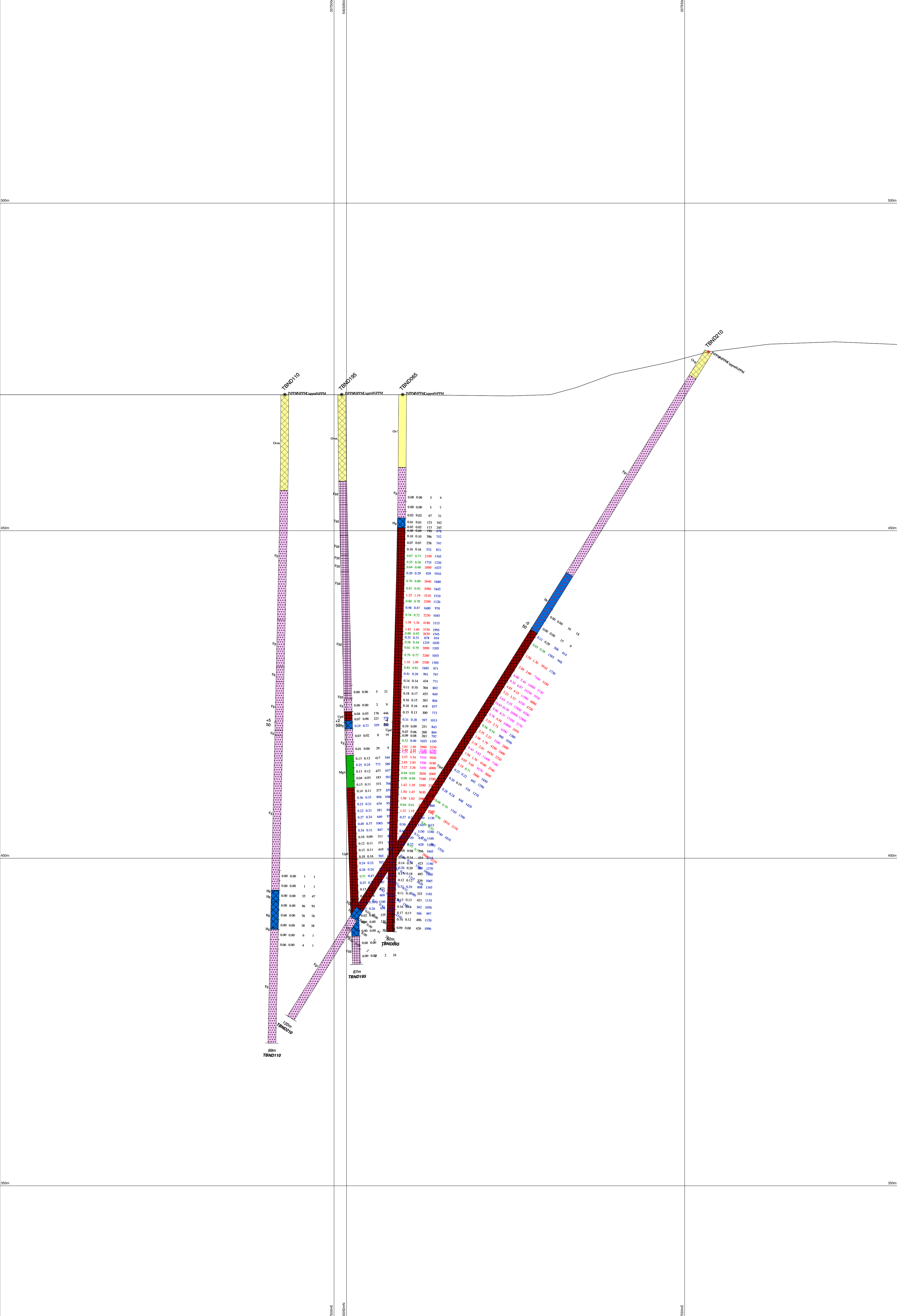
Pt-Pd	Cu-Ni
0.0 - 0.2	< 500
0.2 - 0.5	500 - 2000
0.5 - 1.0	2000 to 5000
1.0 - 2	>= 5000
2 - 100	

Scale 1 : 250

Plot Date 24-Nov-2010

Sheet 1 of 1

Plot File: CL_N5404380



Lithology	
Overburden	Breccia
Overburden glacial/mud	Granodiorite
Sedimentary rocks	Alkali feldspar granite
Chert	Monzonite
Sedimentary gneiss	Granite
Schist	Tonalite
Siltstone/Sandstone	Felsic breccia
Hybrid red	Hybrid grey
Intermediate rock, Diorite	Mafic rock, Gabbro
Ultramafic Rocks	Gabbro - Leucocratic
Pyroxenite	Gabbro - Melanocratic
Peridotite	Gabbro - Noritic
Vein	Interfingered Ultramafic/Mafic/Felsic
Mixed Intrusion Breccia	No core

Pt-Pd	Cu-Ni
0.0 - 0.2	< 500
0.2 - 0.5	500 - 2000
0.5 - 1.0	2000 to 5000
1.0 - 2	> 5000
2 - 100	

Scale 1 : 250

Plot Date 24-Nov-2010

Sheet 1 of 1

Plot File: CL_TBND210

Thunder Bay North Project
Current Lake Prospect
CL_TBND210
Transform
Grid: NAD83 Zone16

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