2009 DIAMOND DRILLING PROGRAM

BEAVER LAKE PROJECT

GREENWICH LAKE AREA

THUNDER BAY MINING DIVISION

NORTHWESTERN ONTARIO

Magma Metals (Canada) Limited,
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Summary

The Beaver Lake project is located northeast of Thunder Bay, Ontario and targets Ni-Cu-PGE mineralization within an ultramafic intrusion of presumed Keweenawan age. In 2009, 104 holes (2439.95 meters) were drilled on the Beaver Lake property. The 2009 drilling commenced on March 25th, with drill hole BL09-84, and ended on December 12th with the completion of hole BL09-188. Logistics began on January 7, 2009 for the year long drill program. The drill holes were designed to test the magnetic anomaly that represents the Beaver Lake Peridotite as well as follow up on areas of known mineralization discovered in previous drilling (Johnson, 2008; Johnson and Metsaranta, 2008).

The 2009 diamond drill program consisted of 104 drill holes totalling 24639.95 meters. The drilling continued to expand the size of the Beaver Lake Peridotite defined by previous drill programs as well as expand and discover new areas of mineralization within the intrusive body. The tabular intrusive body compositionally is a peridotite to olivine melagabbro and is considered open to the east and the west. The body shallows as well as narrows laterally and vertically to the west and is interoperated to connect to an ultramafic body located below Current Lake less than 600m to the west while it increases in vertical thickness and depth to the east.

Highlights of the program include: 16.0m of 2.65ppm Pt, 2.55ppm Pd, 0.93% Cu and 0.26% Ni within BL09-86; 15.2m of 3.42ppm Pt, 3.64ppm Pd, 1.05% Cu and 0.57% Ni within BL10-89; 17.0m of 2.71ppm Pt, 2.46ppm Pd, 0.54% Cu and 0.24% Ni within BL09-99; 5.7m of 3.17ppm Pt, 3.27ppm Pd, 0.81% Cu and 0.44% Ni within BL09-108; 9.1m of 3.49ppm Pt, 2.53ppm Pd, 0.88% Cu and 0.43% Ni within BL09-111; 35.7m of 2.81ppm Pt, 2.56ppm Pd, 0.68% Cu and 0.35% Ni within BL09-155; 17.0m of 4.19ppm Pt, 4.05ppm Pd, 0.93% Cu, and 0.46% Ni within BL09-156; 7.0m of 5.10ppm Pt, 5.17ppm Pd, 1.16% Cu and 0.52% Ni within BL09-157; and 13.0m of 4.00ppm Pt, 3.94ppm Pd, 0.93% Cu and 0.48% Ni within BL09-175.

Introduction

Magma Metals (Canada) Limited (a wholly-owned subsidiary of Magma Metals Limited of Australia) drilled one hundred and four diamond drill holes totalling 24639.95 meters in 2009. Drill targets were based on a combination of previous airborne, ground geophysical surveys and diamond drilling and were designed to test continuity of mineralization as well as size and limits of the intrusive body. The drilling was undertaken, in general, along 100m spaced north-south sections.

Property, Location, and Access

The Beaver Lake Project is composed of a single large magnetic anomaly and is cover by two claims (21 units) that are located approximately 50 km northeast of the city of Thunder Bay, Ontario (*see* Table 1). A location map is shown in 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: Claim List

Claim Number	Claim Units	Claim Ownership
4210157	12	C. Zimnowski, R. Pizzolato
842186	9	Magma Metals (Canada) Limited
TOTALS	**21**	

Table 2: Road Log

Km (section)	***Location, feature***	***Notes***
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	

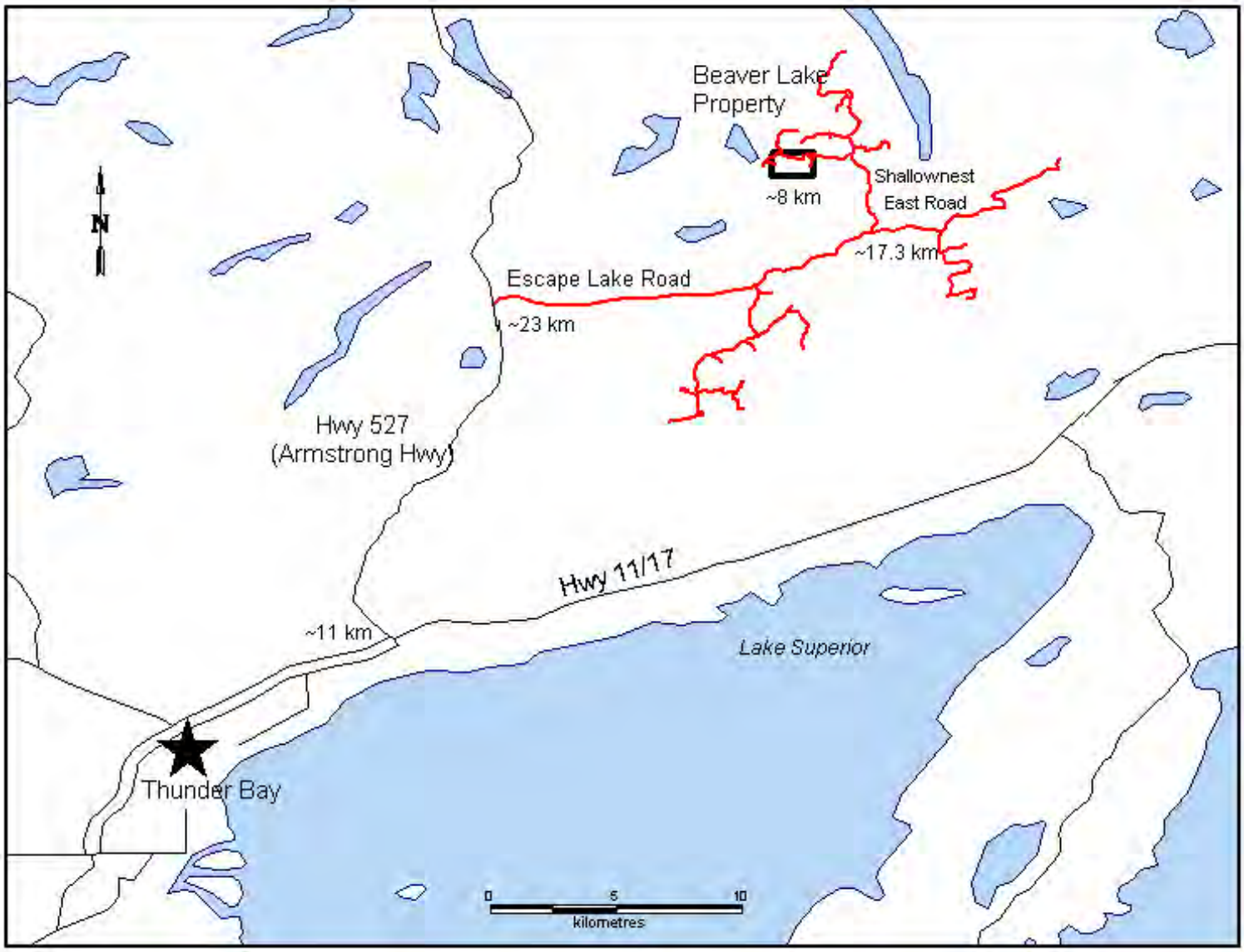

Figure 1: Property Location map

Exploration History

The Beaver Lake property is located in a relatively unexplored area. Previous work that has been reported on is located to the east of Greenwich Lake on the Christianson showing (1949) for uranium. In addition, recent exploration work has been done within the area on both Current Lake (Thunder Bay North property) to the west, north-west and on the Beaver Lake property by Magma Metals (Canada) Limited including geophysics, prospecting and diamond drilling.

McPhar Geosurveys Limited flew a combined helicopter-borne magnetic and gamma-ray spectrometer survey over the Beaver Lake property in July 2006. The data subsequently was reprocessed by Southern Geoscience Consultants (Ardross, Western Australia). A VTEM helicopter-borne electromagnetic survey was conducted over the southern Current Lake-Beaver Lake area later in 2006 by Geotech Limited of Aurora, Ontario. During the winter a ground I.P. survey was conducted over Beaver Lake and the adjacent Current Lake (Abitibi Geophysics, Val-d'Or, Quebec) and outlined several chargeability and resistivity anomalies. A follow up detailed ground magnetic survey was conducted in the summer of 2007, further refining magnetic anomalies.

In September 2007 Magma Metals (Canada) Limited drilled a single 500m diamond drill hole intersecting an ultramafic body. The large peridotite body, 224.5m downhole thickness, carried sporadic elevated and anomalies PGE values including 16.85m of 0.30ppm Pt, 0.29ppm Pd, 0.02ppm Au, 0.09% Cu and 0.10% Ni; 9.00m of 0.47ppm Pt, 0.44ppm Pd, 0.03ppm Au, 0.01% Cu and 0.02% Ni.

Magma Metals later followed up with seven additional drill holes of which four intersect the ultramafic body. The most significant assay values reported from this phase of drilling were from holes BL07-03 and 04. BL07-03 intersected 23.10m @ 1.06g/t Pt+Pd+Au, 0.13% Cu & 0.11% Ni from 214.40m, including 2.85m @ 4.32g/t Pt+Pd+Au, 0.54% Cu and 0.21% Ni from 234.65m. BL07-04 intersected 6.30m @ 3.79g/t Pt+Pd+Au, 0.41% Cu and 0.27% Ni from 283.70m, including 4.60m @ 5.01g/t Pt+Pd+Au, 0.54% Cu and 0.33% Ni from 284.70m.

In 2008 Magma Metals conducted an extensive drill program consisting of seventy-six drill holes totalling 22018.2m. The drilling in 2008 continued to expand the size of the Beaver Lake Peridotite and demonstrate that it was a tabular peridotite to olivine melagabbro body open to the east and west. Highlights of the 2008 program include 6.9m at 2.5ppm Pt+Pd, 3420ppm Cu and 2685ppm Ni in Bl08-17; 33.75m at 1.2ppm Pt+Pd, 1521ppm Cu and 1156ppm Ni in BL08-33; and 6.75m of 6.9ppm Pt+Pd, 8546ppm Cu and 4596ppm Ni in BL08-57.

Regional Geology

The Thunder Bay North Property is underlain by the rocks of the Quetico Subprovince, which is now referred to as the 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 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 ~1.112 Ga ultramafic to mafic intrusions of the Nipigon embayment 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 4 distinct ultramafic intrusive bodies have been indentified within the huge volume of diabase sills comprising the Nipigon Embayment. These are the Seagull, Disreali, 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 most present in the Seagull intrusion (e.g. Heggie, 2005).

2009 Beaver Lake Drilling Results

The 2009 drilling program started January 7th, 2009 but actual drilling did not commence until March 25th 2009 and ended December 15th with 24639.95 meters drilled. Table 3 gives the collar information, date of commencement and completion, location, depth and azimuth of each hole drilled in 2009 on the Beaver Lake project. The drilling was contracted to George Downing Estate Drilling Limited who used a skid mounted LF-70 drill rig drilling NQ-size core. Downhole orientation surveys were completed with a Reflex EZ-Shot tool at regular intervals for all drill holes, as well MAXIBOR II surveys were conducted on all inclined drill holes. Drill sites were located using either a WAAS capable GPS or a SX Blue II differential GPS capable of sub-meter accuracy, final collar locations were surveyed by J.D. Barnes Ltd. of Thunder Bay, Ontario.

All core logging was completed either on site within a temporary camp or at a secure location in Thunder Bay, Ontario. As while sampling was completed either on site within a temporary camp or at a secure location in Thunder Bay, Ontario. Selected intervals were sawn and half the material bagged for assay. The assay intervals were generally 1 or 2 metres, but somewhat lesser or greater intervals would be taken on the basis of differing lithologies and 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. Core logging was done by Magma personnel J. Johnson, K. Nakano, S. Franko and R. Weston while geotechnical logging, cutting and sampling was performed by Magma drill-core technicians J. Martin, M. Raine, G.DeRozea, B. Jupp and J.Foley

Internal quality control consisted of regularly spaced blank reference material, standards, duplicates and blind duplicates placed within the sample sequence.

Table 3: 2009 Beaver Lake Drill Holes.

Beaver Lake 2009 Drill Holes						
Drill_Hole	**Start Date**	**Finish Date**	**UTM Nad83 Easting**	**UTM Nad83 Northing**	**Depth**	**Azimuth**
BL09-84	25/03/2009	30/03/2009	358399.567	5402394.51	318	0
BL09-85	31/03/2009	02/04/2009	357996.199	5402438.779	225	0
BL09-86	02/04/2009	03/04/2009	357997.645	5402400.935	219	0
BL09-87	04/04/2009	07/04/2009	358002.462	5402500.053	240	0
BL09-88	07/04/2009	09/04/2009	357851.525	5402563.911	225	357.8
BL09-89	10/04/2009	12/04/2009	357828.07	5402520.696	231	357.8
BL09-90	13/04/2009	14/04/2009	357800.734	5402473.852	216	357.8
BL09-91	15/04/2009	17/04/2009	357778.766	5402429.682	207	357.8
BL09-92	17/04/2009	19/04/2009	357759.581	5402609.262	204	357.8
BL09-93	20/04/2009	21/04/2009	357743.406	5402561.731	201	357.8
BL09-94	22/04/2009	24/04/2009	357690.54	5402477.813	204	357.8
BL09-95	24/04/2009	26/04/2009	357653.419	5402619.96	195	180
BL09-96	28/04/2009	28/04/2009	357624.486	5402565.398	201	357.8
BL09-97	30/04/2009	30/04/2009	357714.958	5402522.73	201	0
BL09-98	30/04/2009	02/05/2009	357674.348	5402652.594	192	180
BL09-99	03/05/2009	04/05/2009	357566.874	5402656.912	180	0
BL09-100	05/05/2009	06/05/2009	357584.039	5402705.518	165	0
BL09-101	06/05/2009	08/05/2009	357542.987	5402622.019	183	0
BL09-102	08/05/2009	09/05/2009	357551.451	5402642.539	171	180
BL09-103	10/05/2009	11/05/2009	357571.189	5402679.527	171	0
BL09-104	11/05/2009	13/05/2009	357644.229	5402598.84	189	180
BL09-105	13/05/2009	14/05/2009	357662	5402637.696	180	0
BL09-106	15/05/2009	16/05/2009	357727.931	5402550.215	189	180
BL09-107	17/05/2009	19/05/2009	357747.448	5402582.949	204	0
BL09-108	19/05/2009	21/05/2009	357819.95	5402503.13	222	180
BL09-109	22/05/2009	24/05/2009	357836.28	5402538.2	192	180
BL09-110	24/05/2009	27/05/2009	357832.11	5402529.38	276	0
BL09-111	27/05/2009	29/05/2009	357823.68	5402511.94	213	0
BL09-112	30/05/2009	01/06/2009	357859.99	5402583.86	201	0
BL09-113	01/06/2009	04/06/2009	357925.53	5402499.11	228	0
BL09-114	05/06/2009	06/06/2009	357905.16	5402450.33	214.5	0
BL09-115	07/06/2009	08/06/2009	357870.68	5402387.49	219	0
BL09-116	09/06/2009	10/06/2009	357893.19	5402431.15	210	0
BL09-117	10/06/2009	12/06/2009	357916.78	5402477.83	219	0
BL09-118	12/06/2009	14/06/2009	357940.02	5402520.67	240	0
BL09-119	15/06/2009	17/06/2009	357999.13	5402376.73	207	0
BL09-120	17/06/2009	19/06/2009	357996.79	5402418.89	215	0

BL09-121	19/06/2009	21/06/2009	357999.14	5402458.95	219	0
BL09-122	21/06/2009	25/06/2009	358100.697	5402523.466	342	0
BL09-123	25/06/2009	27/07/2009	358100.733	5402473.226	240	0
BL09-124	28/06/2009	28/06/2009	358200	5402343	27	
BL09-125	29/06/2009	01/07/2009	358200.89	5402349.543	60	0
BL09-126	02/07/2009	04/07/2009	358301.155	5402384.842	276	0
BL09-127	05/07/2009	07/07/2009	358301.188	5402384.451	306	184.95
BL09-128	07/07/2009	11/07/2009	358301.164	5402384.182	342	185.46
BL09-129	11/07/2009	17/07/2009	358301.148	5402383.816	309	187.2
BL09-130	17/07/2009	20/07/2009	358401.815	5402520.909	287	0
BL09-131	21/07/2009	23/07/2009	358399.986	5402347.496	309.15	0
BL09-132	23/07/2009	25/07/2009	358400.012	5402347.19	324	185
BL09-133	26/07/2009	28/07/2009	358399.035	5402372.435	305	0
BL09-134	28/07/2009	30/07/2009	358501.722	5402349.913	357	195.5
BL09-135	31/07/2009	02/08/2009	358501.733	5402349.76	375	182.7
BL09-136	03/08/2009	05/08/2009	358501.765	5402349.606	384	183.28
BL09-137	06/08/2009	08/08/2009	358501.4	5402399.884	330	0
BL09-138	09/08/2009	11/08/2009	358501.978	5402539.264	303	0
BL09-139	11/08/2009	13/08/2009	358500.27	5402449.754	316.5	0
BL09-140	13/08/2009	16/08/2009	358600.899	5402498.508	339	0
BL09-141	16/08/2009	20/08/2009	358602.917	5402556.439	342	0
BL09-142	20/08/2009	23/08/2009	358601.361	5402448.641	345	0
BL09-143	23/08/2009	27/08/2009	358601.25	5402399.464	357	0
BL09-144	27/08/2009	29/08/2009	358600.531	5402349.521	343.5	0
BL09-145	29/08/2009	31/08/2009	358701.951	5402354.606	402	0
BL09-146	01/09/2009	04/09/2009	358698.819	5402397.53	387	0
BL09-147	05/09/2009	08/09/2009	358699.509	5402452.756	370	0
BL09-148	08/09/2009	12/09/2009	358700.324	5402497.232	356	0
BL09-149	13/09/2009	16/09/2009	358702.14	5402550.514	331	0
BL09-150	17/09/2009	20/09/2009	358701.117	5402601.497	334	0
BL09-151	21/09/2009	23/09/2009	357885.373	5402520.54	232	0
BL09-152	24/09/2009	26/09/2009	357894.842	5402538.223	231	0
BL09-153	26/09/2009	28/09/2009	357875.843	5402502.863	234	0
BL09-154	29/09/2009	01/10/2009	357865.37	5402485.646	213	0
BL09-155	02/10/2009	03/10/2009	357855.687	5402520.053	225	0
BL09-156	04/10/2009	06/10/2009	357865.125	5402537.954	223.5	0
BL09-157	07/10/2009	09/10/2009	357846.737	5402502.906	225	0
BL09-158	09/10/2009	11/10/2009	357761.848	5402502.913	210	0
BL09-159	11/10/2009	15/10/2009	357771.413	5402521.333	221	0
BL09-160	15/10/2009	16/10/2009	357780.023	5402537.789	201	0

BL09-161	17/10/2009	18/10/2009	357799.686	5402521.632	142.3	0
BL09-162	20/10/2009	22/10/2009	357807.709	5402537.678	198	0
BL09-163	23/10/2009	25/10/2009	357819.177	5402556.825	216	0
BL09-164	25/10/2009	27/10/2009	357790.169	5402556.783	210	0
BL09-165	27/10/2009	29/10/2009	357800.133	5402574.616	183	0
BL09-166	29/10/2009	31/10/2009	357828.5	5402573.073	198	0
BL09-167	31/10/2009	01/11/2009	357608.365	5402636.707	186	0
BL09-168	02/11/2009	03/11/2009	357599.229	5402620.126	188.5	0
BL09-169	04/11/2009	05/11/2009	357589.81	5402601.787	192	0
BL09-170	06/11/2009	07/11/2009	357618.221	5402654.685	183	0
BL09-171	08/11/2009	09/11/2009	357521.642	5402688.83	159	0
BL09-172	10/11/2009	11/11/2009	357532.258	5402705.073	162	0
BL09-173	12/11/2009	13/11/2009	357547.823	5402722.959	165	0
BL09-174	14/11/2009	15/11/2009	357515.731	5402670.412	165	0
BL09-175	16/11/2009	17/11/2009	357697.042	5402586.7	197	0
BL09-176	18/11/2009	19/11/2009	357704.996	5402603.036	198	0
BL09-177	20/11/2009	22/11/2009	357686.255	5402569.159	198	0
BL09-178	22/11/2009	23/11/2009	357705.445	5402505.235	201	0
BL09-179	24/11/2009	25/11/2009	357790.929	5402503.86	212	0
BL09-180	26/11/2009	27/11/2009	357808.201	5402486.414	216	0
BL09-181	28/11/2009	29/11/2009	357856.222	5402467.915	210	0
BL09-182	30/11/2009	01/12/2009	357752.091	5402485.298	201	0
BL09-183	02/12/2009	03/12/2009	357743.238	5402468.419	201	0
BL09-184	04/12/2009	05/12/2009	357791.749	5402454.926	210	0
BL09-185	06/12/2009	07/12/2009	357781.006	5402484.982	204	0
BL09-186	08/12/2009	10/12/2009	357772.358	5402467.419	207	0
BL09-187	10/12/2009	12/12/2009	357762.89	5402449.37	141	0
BL09-188	12/12/2009	15/12/2009	357846	5402451	195	32.2
				Total meters drilled:	24639.95	

Summary of Rock Units

The rock types encountered consisted of a variety of locally contact metamorphosed felsic to intermediate granitoids, a variety of metasediments, olivine melagabbro-peridotite, a hybridized contaminated peridotite (previous drilling has described it as an altered diabase or gabbro), magmatic/hydrothermal breccias, 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. Thick intervals of the intrusion are generally massive with rare occurrences of fractures. The Quetico-age metasedimentary rocks vary from blocky to massive and highly competent.

The **granitoid rocks** were highly variable in appearance and modal composition and are mostly ascribable to tonalite 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 (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 ultramafic magma.

The **metasedimentary rocks** are massive to strongly foliated clay-silt to fine sand with rare mud drapes and beds, in original composition. Variations within the rock type include mica content, quartz +/- carbonate veinlets (variable size, number and orientation), shearing and alteration. Zones of intense shearing within fault zones occur but are rare. Strong deformation and evidence for folding is visible in the core (i.e. bulls eyes). Alteration consists of chlorite, sericite, epidote (associated with fractures), and a red-red brown alteration that increases in proximity to the peridotite (hematitic). In general the metasediments encountered in the eastern extent of the drilling are more strongly deformed than those encountered in the western area.

The **magmatic/hydrothermal breccias** are found within several drill holes. The unit consists of metasedimentary rocks, peridotite, hybrid peridotite, fragments of brecciated metasedimentary rocks, quartz clasts and fine grained chilled intrusive fragments within a complex breccia. Description of this unit is difficult due to the broken nature of the core recovered from these intervals. Individual clasts sometimes have a rim of alteration minerals or sulphides. The matrix within the majority of the breccias is red to brick red in colour (hematite alteration).

The intrusive compositionally consists of **peridotite** to **olivine melagabbro**. In general the intrusive is 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 0-30% plagioclase. Ultramafic intrusive rocks containing <10% plagioclase were identified as peridotite while a content of >10% plagioclase is identified as an olivine melagabbro. A distinction between olivine melagabbro and peridotite in drill core can be

difficult due to the fine-grained nature and alteration of the feldspars but is determinable geochemically. The olivine melagabbro contains >4% Al_2O_3, and the peridotite contains <4% Al_2O_3.

Olivine melagabbro and peridotite comprise the host rocks for PGE-Cu-Ni sulphide mineralization at BL with rare occurrences of sulphides contained with the footwall sediments as large blebs or clasts. Mineralization consists predominantly of disseminated and blebby to occasionally net-textured sulphides. Locally large clasts of sulphides, up to 10x20 cm, occur as well as massive sulphide intervals. Visible sulphides in drill core consist of pyrrhotite, chalcopyrite, and pyrite while pentlandite has been noted it is only visible within large sulphide clasts and the massive sulphide intervals.

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 angular to rounded quartz inclusions up to 10 cm in size.

Summary of Drill Holes

The complete drill logs, with sections and assay data, are presented within Appendix 1 and Appendix 2. Table 4 gives summary results of the 2009 Beaver Lake drilling project, only intervals of interest are highlighted in the table.

TABLE 4: Summary of the 2009 Beaver Lake Drill Program Results

	From (m)	To (m)	From (m)	To (m)	Length (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Cu (ppm)	Ni (ppm)	Pt+Pd (ppm)
BL09-84	201.00	223.00			22.00	0.01	0.15	0.13	266	1402	0.28
BL09-84	233.00	267.50			34.50	0.02	0.32	0.29	565	1281	0.60
BL09-84	*including*		255.00	261.00	6.00	0.08	1.24	1.16	2005	1648	2.40
BL09-85	143.00	173.10			30.10	0.04	0.51	0.50	1543	1533	1.02
BL09-85	*including*		149.00	172.00	23.00	0.05	0.63	0.61	1870	1742	1.24
BL09-86	147.00	158.00			11.00	0.01	0.15	0.14	423	777	0.30
BL09-86	163.00	179.00			16.00	0.16	2.65	2.55	5937	2630	5.19
BL09-86	*including*		164.00	168.00	4.00	0.22	3.81	3.51	7485	3070	7.32
BL09-86	*and*		173.00	177.00	4.00	0.21	3.50	3.54	8808	4100	7.04
BL09-87	185.00	189.00			4.00	0.02	0.22	0.19	790	1253	0.41
BL09-88	135.00	139.15			4.15	0.13	2.32	2.35	5864	2567	4.67
BL09-89	138.00	143.00			5.00	0.02	0.28	0.26	819	988	0.53
BL09-89	148.00	163.23			15.23	0.10	3.42	3.64	10500	5670	7.06
BL09-89	*including*		153.00	163.23	10.23	0.14	4.99	5.33	15345	7966	10.32
BL09-90	136.40	159.30			22.90	0.04	0.68	0.67	1807	1127	1.34
BL09-90	*including*		140.00	159.30	19.30	0.04	0.78	0.76	2049	1188	1.54
BL09-91	137.00	158.00			21.00	0.03	0.47	0.44	1208	1045	0.90
BL09-91	*including*		153.00	158.00	5.00	0.08	1.32	1.27	3163	1470	2.59
BL09-93	104.45	150.00			45.55	0.04	0.60	0.57	1501	1429	1.17
BL09-95	96.45	101.00			4.55	0.01	0.11	0.10	357	475	0.21
BL09-95	109.00	137.60			28.60	0.08	1.21	1.13	3107	2110	2.34
BL09-95	*including*		118.00	124.00	6.00	0.11	1.87	1.76	4302	2683	3.63
BL09-95	*and*		127.00	130.00	3.00	0.20	3.08	2.79	7737	3313	5.87
BL09-99	75.40	124.00			48.60	0.08	1.09	1.00	2249	1527	2.08
BL09-99	*including*		94.00	119.00	25.00	0.14	1.97	1.80	3939	2084	3.76
BL09-99	*and*		100.00	117.00	17.00	0.20	2.71	2.46	5414	2442	5.17
BL09-99	*and*		114.00	116.00	2.00	0.66	7.52	6.38	14075	2620	13.90
BL09-102	92.00	119.00			27.00	0.02	0.36	0.34	772	1145	0.70
BL09-102	*including*		94.00	99.00	5.00	0.05	0.81	0.78	1614	1318	1.59
BL09-102	*and*		113.00	116.00	3.00	0.05	0.74	0.71	1703	1427	1.45
BL09-103	109.00	119.79			10.79	0.08	0.73	0.66	2086	1294	1.39
BL09-103	*including*		111.00	114.00	3.00	0.10	1.16	1.04	2887	1530	2.21
BL09-103	*and*		118.00	119.79	1.79	0.26	1.93	1.68	6056	1331	3.61
BL09-104	93.60	107.20			13.60	0.03	0.40	0.40	1136	1015	0.81
BL09-104	*including*		102.00	107.20	5.20	0.05	0.80	0.80	2202	1329	1.60

	From (m)	To (m)	From (m)	To (m)	Length (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Cu (ppm)	Ni (ppm)	Pt+Pd (ppm)
BL09-106	134.20	148.00			13.80	0.02	0.21	0.20	585	1136	0.42
BL09-106	*including*		137.00	141.00	4.00	0.03	0.29	0.29	781	1210	0.58
BL09-107	119.60	137.55			17.95	0.04	0.62	0.57	1283	1111	1.19
BL09-107	*including*		131.00	135.55	4.55	0.08	1.34	1.24	2684	1722	2.58
BL09-108	138.00	163.00			25.00	0.05	1.09	1.10	2876	1871	2.19
BL09-108	*including*		156.00	161.70	5.70	0.13	3.17	3.27	8176	4378	6.44
BL09-109	143.00	169.55			26.55	0.06	0.90	0.79	2203	1475	1.69
BL09-109	*including*		147.00	169.55	22.55	0.07	1.05	0.92	2546	1596	1.97
BL09-109	*and*		147.00	156.00	9.00	0.12	1.74	1.52	3815	1696	3.26
BL09-109	*and*		159.00	165.00	6.00	0.05	0.86	0.78	2318	1930	1.64
BL09-110	135.05	140.00			4.95	0.01	0.14	0.14	476	913	0.28
BL09-110	146.00	159.00			13.00	0.04	0.72	0.71	1990	1407	1.43
BL09-110	*including*		151.00	159.00	8.00	0.06	1.08	1.08	2925	1674	2.16
BL09-110	*and*		156.00	158.17	2.17	0.11	2.27	2.31	6097	3040	4.58
BL09-111	139.00	163.12			24.12	0.08	1.61	1.62	4154	2364	3.23
BL09-111	*including*		154.00	163.12	9.12	0.17	3.49	3.52	8820	4337	7.01
BL09-113	149.20	182.00			32.80	0.03	0.41	0.38	1230	1468	0.79
BL09-113	*including*		161.00	167.00	14.00	0.05	0.71	0.68	2247	2287	1.39
BL09-113	*and*		171.00	175.00	4.00	0.06	0.74	0.69	2325	2115	1.42
BL09-114	148.10	162.50			14.40	0.07	1.33	1.15	2575	1724	2.48
BL09-114	*including*		159.00	160.87	1.87	0.26	5.40	4.67	10630	4908	10.08
BL09-115	150.50	170.40			19.90	0.03	0.54	0.50	973	1139	1.04
BL09-115	*including*		165.00	168.40	3.40	0.07	1.68	1.65	3091	2246	3.33
BL09-116	150.00	167.87			17.87	0.04	0.76	0.76	1786	1861	1.52
BL09-116	*including*		165.87	167.87	2.00	0.21	4.52	4.69	11643	7775	9.21
BL09-117	150.13	162.00			11.87	0.03	0.45	0.42	1200	1342	0.87
BL09-117	*including*		153.00	156.00	3.00	0.08	1.32	1.25	3357	2307	2.57
BL09-119	148.00	152.00			4.00	0.01	0.20	0.17	469	678	0.37
BL09-120	150.00	156.00			6.00	0.01	0.15	0.13	430	928	0.28
BL09-120	163.35	178.42			15.07	0.10	1.71	1.68	4016	2109	3.39
BL09-120	*including*		168.00	178.42	10.42	0.13	2.15	2.13	5069	2468	4.28
BL09-120	*and*		175.00	178.42	3.42	0.21	3.67	3.63	8428	3626	7.30
BL09-121	130.00	171.90			41.90	0.03	0.45	0.41	1276	1278	0.86
BL09-121	*including*		142.00	156.00	14.00	0.05	0.87	0.79	2350	1793	1.66
BL09-122	*and*		154.00	171.00	17.00	0.03	0.51	0.48	1296	1005	0.99
BL09-122	*and*		159.00	161.00	2.00	0.06	1.04	0.96	2538	1440	2.00

	From (m)	To (m)	From (m)	To (m)	Length (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Cu (ppm)	Ni (ppm)	Pt+Pd (ppm)
BL09-122	165.00	169.00			4.00	0.07	0.87	0.86	2235	1345	1.73
BL09-122	178.00	181.00			3.00	0.02	0.38	0.37	1074	716	0.75
BL09-123	173.00	192.00			19.00	0.03	0.31	0.29	827	1521	0.59
BL09-123	*including*		183.00	189.00	6.00	0.05	0.59	0.55	1532	1783	1.14
BL09-126	125.55	237.65			112.10	0.01	0.16	0.15	355	1211	0.32
BL09-126	*including*		224.00	237.65	13.65	0.02	0.28	0.25	584	1115	0.53
BL09-127	142.80	168.80			26.00	0.01	0.10	0.10	277	1225	0.20
BL09-127	192.80	257.00			64.20	0.02	0.39	0.35	748	1435	0.74
BL09-127	*including*		240.00	257.00	17.00	0.06	0.96	0.86	1843	1663	1.82
BL09-127	*and*		253.00	255.10	2.10	0.26	4.56	4.13	8896	4553	8.69
BL09-128	160.00	180.00			20.00	0.01	0.14	0.14	369	1095	0.28
BL09-128	207.00	291.00			84.00	0.01	0.16	0.14	331	1366	0.30
BL09-128	*including*		288.90	291.00	2.10	0.04	0.41	0.35	999	575	0.76
BL09-129	170.00	188.00			18.00	0.02	0.24	0.24	543	1141	0.49
BL09-129	*including*		172.00	180.00	8.00	0.02	0.31	0.32	671	1163	0.63
BL09-129	216.00	300.00			84.00	0.01	0.14	0.12	272	1359	0.26
BL09-129	306.25	309.00			2.75	0.12	1.80	1.66	4135	1863	3.46
BL09-130	150.55	163.00			12.45	0.01	0.13	0.12	271	900	0.25
BL09-130	181.00	223.85			42.85	0.01	0.16	0.15	340	1238	0.31
BL09-131	149.00	267.55			126.55	0.02	0.29	0.26	632	1487	0.55
BL09-131	*including*		239.00	259.00	20.00	0.05	0.82	0.76	1784	2074	1.58
BL09-131	*and*		241.00	245.00	4.00	0.13	2.00	1.86	4285	2955	3.86
BL09-131	269.00	276.55			7.55	0.05	0.75	0.69	1661	1397	1.44
BL09-132	159.00	281.30			122.30	0.01	0.12	0.11	282	1346	0.23
BL09-133	142.35	158.00			15.65	0.02	0.29	0.28	709	1124	0.57
BL09-133	*including*		146.00	148.00	2.00	0.04	0.65	0.65	1215	1395	1.30
BL09-133	178.00	186.00			8.00	0.01	0.15	0.14	355	1401	0.29
BL09-133	196.00	269.80			73.80	0.01	0.17	0.15	399	1415	0.32
BL09-133	*including*		222.00	224.00	2.00	0.03	0.56	0.53	1160	1755	1.09
BL09-133	*and*		266.00	269.80	3.80	0.03	0.47	0.48	1635	1310	0.96
BL09-134	153.65	158.00			4.35	0.02	0.27	0.26	906	834	0.54
BL09-134	222.00	227.00			5.00	0.01	0.15	0.13	314	1455	0.28
BL09-134	245.00	253.00			8.00	0.01	0.14	0.12	206	1359	0.26
BL09-134	265.00	283.00			18.00	0.01	0.16	0.14	410	1510	0.30
BL09-134	305.00	308.00			3.00	0.01	0.17	0.16	550	794	0.33
BL09-135	157.40	161.40			4.00	0.01	0.21	0.21	688	827	0.43
BL09-135	166.00	172.00			6.00	0.01	0.16	0.15	388	1044	0.31
BL09-135	182.00	186.00			4.00	0.01	0.24	0.23	719	1410	0.47

	From (m)	To (m)	From (m)	To (m)	Length (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Cu (ppm)	Ni (ppm)	Pt+Pd (ppm)
BL09-137	*including*		258.00	264.00	6.00	0.04	0.57	0.53	1356	1943	1.10
BL09-137	*and*		268.00	293.45	25.45	0.07	1.02	0.97	2276	1862	1.98
BL09-138	207.00	213.00			6.00	0.01	0.17	0.15	319	1403	0.32
BL09-138	225.00	239.00			14.00	0.01	0.18	0.17	425	1249	0.35
BL09-138	250.00	261.75			11.75	0.04	0.54	0.51	1298	1282	1.05
BL09-138	*including*		254.00	257.00	3.00	0.08	1.26	1.20	2947	2143	2.47
BL09-139	147.00	159.00			12.00	0.03	0.49	0.47	1370	1183	0.96
BL09-139	*including*		148.00	153.00	5.00	0.06	0.88	0.86	2486	1438	1.74
BL09-139	201.00	229.00			28.00	0.01	0.18	0.17	357	1435	0.35
BL09-139	241.00	254.00			10.00	0.01	0.13	0.10	287	1224	0.23
BL09-139	258.00	266.30			8.30	0.06	0.90	0.84	2052	1799	1.74
BL09-140	246.00	276.00			30.00	0.01	0.15	0.14	359	1342	0.29
BL09-140	284.00	288.30			4.30	0.01	0.15	0.14	481	897	0.29
BL09-142	260.00	280.00			20.00	0.02	0.26	0.23	606	1455	0.48
BL09-142	291.40	293.90			2.50	0.19	1.73	1.44	5261	1185	3.18
BL09-143	175.20	183.00			7.80	0.02	0.19	0.17	742	899	0.35
BL09-143	241.00	249.00			8.00	0.01	0.14	0.13	285	1450	0.27
BL09-143	265.00	269.00			4.00	0.01	0.13	0.11	288	1348	0.24
BL09-143	285.00	293.00			8.00	0.01	0.19	0.17	475	1509	0.36
BL09-143	310.00	312.00			2.00	0.05	0.66	0.59	1608	1455	1.25
BL09-144	176.15	191.00			14.85	0.01	0.12	0.11	413	971	0.23
BL09-144	213.00	219.00			6.00	0.01	0.15	0.13	328	1360	0.28
BL09-145	178.00	182.00			4.00	0.01	0.12	0.12	379	825	0.24
BL09-145	190.00	198.00			8.00	0.01	0.14	0.13	440	1253	0.26
BL09-145	231.00	236.00			5.00	0.01	0.13	0.12	309	1352	0.25
BL09-145	245.00	248.00			3.00	0.02	0.19	0.18	540	1447	0.37
BL09-145	298.00	316.00			18.00	0.01	0.11	0.09	259	1441	0.20
BL09-145	348.50	352.05			3.55	0.03	0.36	0.38	1380	1004	0.74
BL09-146	250.00	255.00			5.00	0.01	0.12	0.10	242	1411	0.22
BL09-146	289.00	315.00			26.00	0.02	0.33	0.30	799	1597	0.63
BL09-146	*including*		303.00	307.00	4.00	0.05	0.73	0.69	1794	2025	1.42
BL09-147	177.50	181.00			3.50	0.02	0.17	0.14	842	863	0.31
BL09-147	296.00	317.00			21.00	0.02	0.25	0.22	607	1386	0.46
BL09-147	*including*		315.00	317.00	2.00	0.05	0.78	0.70	1825	1630	1.48
BL09-148	278.00	282.00			4.00	0.01	0.14	0.13	341	1440	0.27
BL09-148	303.00	310.05			7.95	0.02	0.32	0.30	928	974	0.62
BL09-148	*including*		304.00	308.00	4.00	0.03	0.47	0.44	1345	1257	0.92
BL09-151	152.80	153.15			1.45	0.02	0.30	0.26	582	591	0.56

	From (m)	To (m)	From (m)	To (m)	Length (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Cu (ppm)	Ni (ppm)	Pt+Pd (ppm)
BL09-151	162.00	183.00			21.00	0.07	1.17	1.06	2425	1763	2.22
BL09-151	*including*		171.00	174.60	3.60	0.18	3.07	2.88	6296	3291	5.95
BL09-151	*and*		180.00	183.00	3.00	0.03	0.35	0.27	989	832	0.62
BL09-153	154.50	178.00			23.50	0.15	2.24	2.03	5474	2984	4.27
BL09-153	*including*		159.00	172.00	13.00	0.24	3.75	3.40	9070	4401	7.15
BL09-154	151.40	164.95			13.55	0.03	0.42	0.41	1031	1211	0.84
BL09-154	*including*		156.00	159.00	3.00	0.06	0.98	0.96	2183	1720	1.93
BL09-155	140.00	175.65			35.65	0.17	2.81	2.56	6831	3515	5.38
BL09-155	*including*		155.00	174.00	19.00	0.30	4.87	4.44	11720	5555	9.31
BL09-156	135.00	174.00			39.00	0.12	1.96	1.91	4477	2721	3.87
BL09-156	*including*		155.00	172.00	17.00	0.25	4.19	4.05	9251	4684	8.25
BL09-157	139.00	173.80			34.80	0.11	1.72	1.70	4041	2112	3.41
BL09-157	*including*		156.00	163.00	7.00	0.28	5.10	5.17	11598	5236	10.27
BL09-160	111.10	130.25			19.15	0.05	0.81	0.79	2248	1218	1.60
BL09-160	*including*		114.30	120.00	5.70	0.12	2.12	2.10	5929	2468	4.22
BL09-163	120.40	163.00			42.60	0.08	1.43	1.33	3038	1918	2.76
BL09-163	*including*		132.00	156.00	24.00	0.13	2.27	2.10	4667	2501	4.37
BL09-164	110.15	157.00			46.85	0.05	0.66	0.62	1519	1364	1.28
BL09-164	*including*		130.00	133.00	3.00	0.12	2.08	1.98	4223	2313	4.06
BL09-164	*and*		140.00	146.00	6.00	0.14	1.81	1.64	3732	1858	3.45
BL09-166	126.00	133.80			7.80	0.01	0.19	0.17	380	469	0.36
BL09-167	95.00	122.00			27.00	0.04	0.53	0.49	1089	965	1.02
BL09-167	*including*		105.00	112.00	7.00	0.07	1.17	1.09	2353	1562	2.26
BL09-167	*and*		117.00	119.00	2.00	0.09	1.22	1.14	2670	988	2.36
BL09-168	80.00	137.10			57.10	0.03	0.46	0.43	1148	1211	0.89
BL09-168	*including*		85.00	98.00	13.00	0.05	0.85	0.83	2018	1300	1.68
BL09-168	*and*		112.00	127.00	15.00	0.05	0.65	0.58	1615	1496	1.23
BL09-171	56.00	107.40			51.40	0.05	0.78	0.73	1838	1585	1.51
BL09-171	*including*		95.00	98.00	3.00	0.14	2.48	2.31	5580	3250	4.79
BL09-172	86.00	99.00			13.00	0.04	0.62	0.54	1348	1105	1.16
BL09-172	96.00	97.05			1.05	0.22	3.08	2.70	6980	2740	5.78
BL09-175	99.70	145.50			45.80	0.12	2.10	2.02	5157	2833	4.13
BL09-175	*including*		120.00	133.00	13.00	0.20	4.00	3.94	9311	4773	7.94
BL09-175	*and*		137.00	139.00	2.00	0.28	3.88	3.50	9525	4030	7.37
BL09-176	118.00	144.70			26.70	0.05	0.73	0.65	1818	1391	1.38
BL09-177	120.50	122.20			1.70	0.02	0.51	0.56	1990	439	1.08
BL09-179	144.00	159.00			15.00	0.02	0.27	0.25	724	911	0.52

	From (m)	To (m)	From (m)	To (m)	Length (m)	Au (ppm)	Pt (ppm)	Pd (ppm)	Cu (ppm)	Ni (ppm)	Pt+Pd (ppm)
BL09-180	135.70	159.90			24.20	0.05	0.74	0.76	2112	1304	1.50
BL09-180	*including*		153.70	155.90	2.20	0.12	2.94	3.13	8859	4433	6.06
BL09-181	152.70	158.55			5.85	0.03	0.47	0.40	909	891	0.87
BL09-184	136.35	158.10			21.75	0.05	0.80	0.81	2120	1261	1.60
BL09-184	*including*		152.00	154.95	2.95	0.16	2.97	3.08	7928	3224	6.06
BL09-185	146.00	154.75			8.75	0.02	0.22	0.21	536	721	0.42
BL09-186	142.85	151.00			8.15	0.01	0.17	0.16	466	889	0.33
BL09-186	157.00	162.40			5.40	0.10	1.54	1.65	3692	1925	3.19
BL09-188	152.00	161.70			9.70	0.02	0.24	0.22	502	823	0.46

Interpretation and Recommendations

The Beaver Lake peridotite intrusion is known to host anomalous and significant values of platinum, palladium, copper and nickel which has been identified by previous diamond drill programs and expanded by 2009 diamond drilling. The Beaver Lake intrusion is open to the east and connected to the intrusive body beneath Current Lake to the west at the Thunder Bay North Project, owned by Magma Metals (Canada) Limited.

The main body of peridotite is interpreted to be a thick ultramafic sill and related to the undulating sill-like body with varying strike and dip occurring beneath Current Lake, northwestern Ontario. In order to further define the intrusion and its PGE and base metal mineralization, additional drilling to the west is recommended to determine the shape of the link with the Current Lake intrusion as well as additional infill drilling in areas of mineralization and to test the extend of the Beaver Lake intrusion to the west.

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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;

Justin R. Johnson, MSc.
Project Geologist

MAGMA METALS LTD.

BEAVER LAKE
Drill Hole Plan Map 2007-2009

Scale	Plot Date	Sheet
1 : 1000	06-May-2010	1 of 1
	Plot File: BL DDH Plan Map 2007-2009	

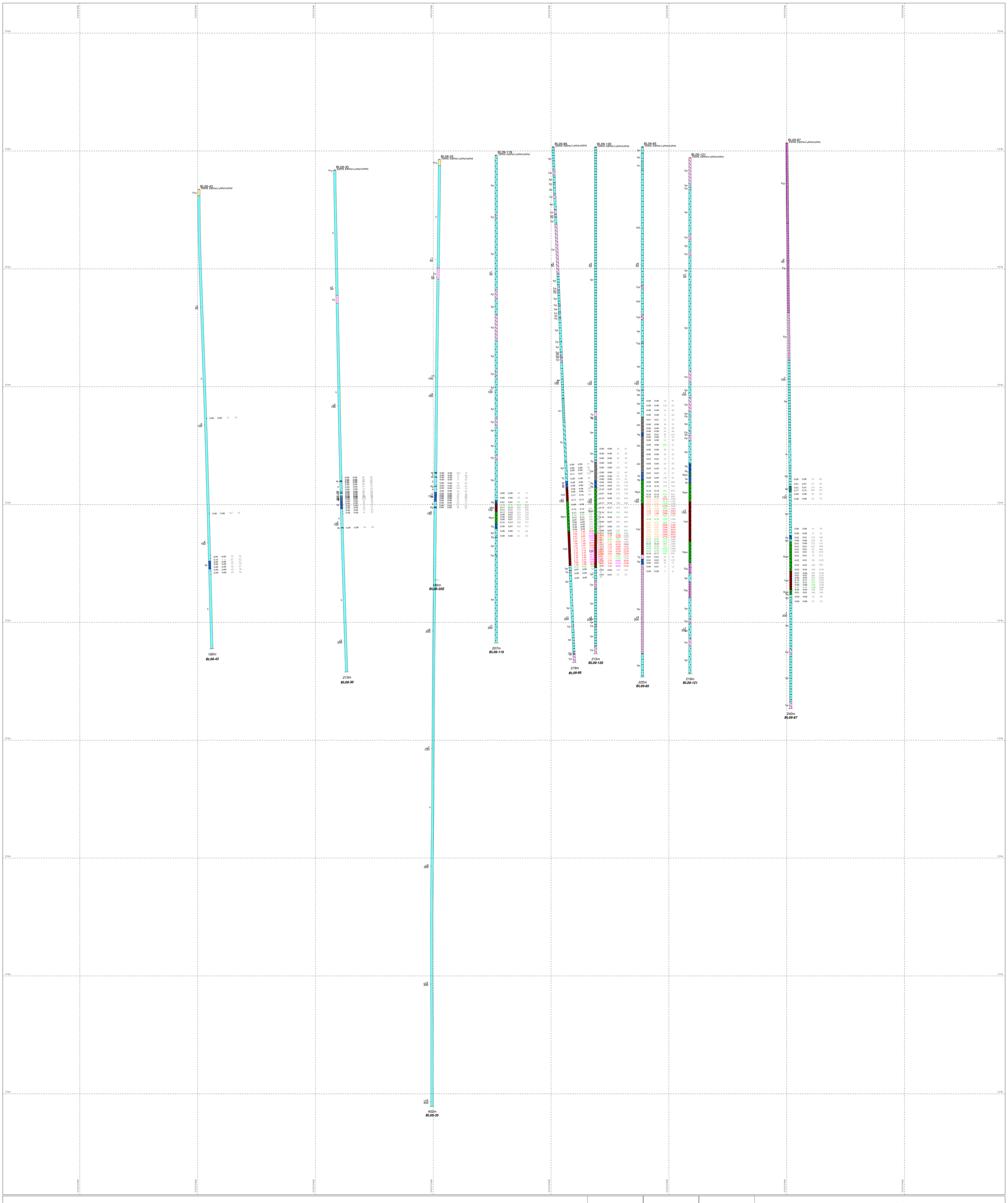
50 0 50m

Legend

- Drill collars
- Drill traces
- Rivers
- Roads and trails
- Lakes
- Claim boundaries

842186

4210157



Overburden
Overburden glacial/mud
Overburden mud
Sedimentary rocks
Chert
Sedimentary gneiss
Schist

Breccia
Siltstone/Sandstone
Granite - undivided
Alkali feldspar granite
Monzonite
Granite
Granodiorite

Tonalite
Hybrid grey
Hybrid red
Mafic rocks
Gabbro
Gabbro - Melanocratic
Gabbro - Noritic

Gabbro - VariTextured
Gabbro - Leucocratic
Troctolite
Diabase
Ultramafic Rocks
Peridotite
Pyroxenite

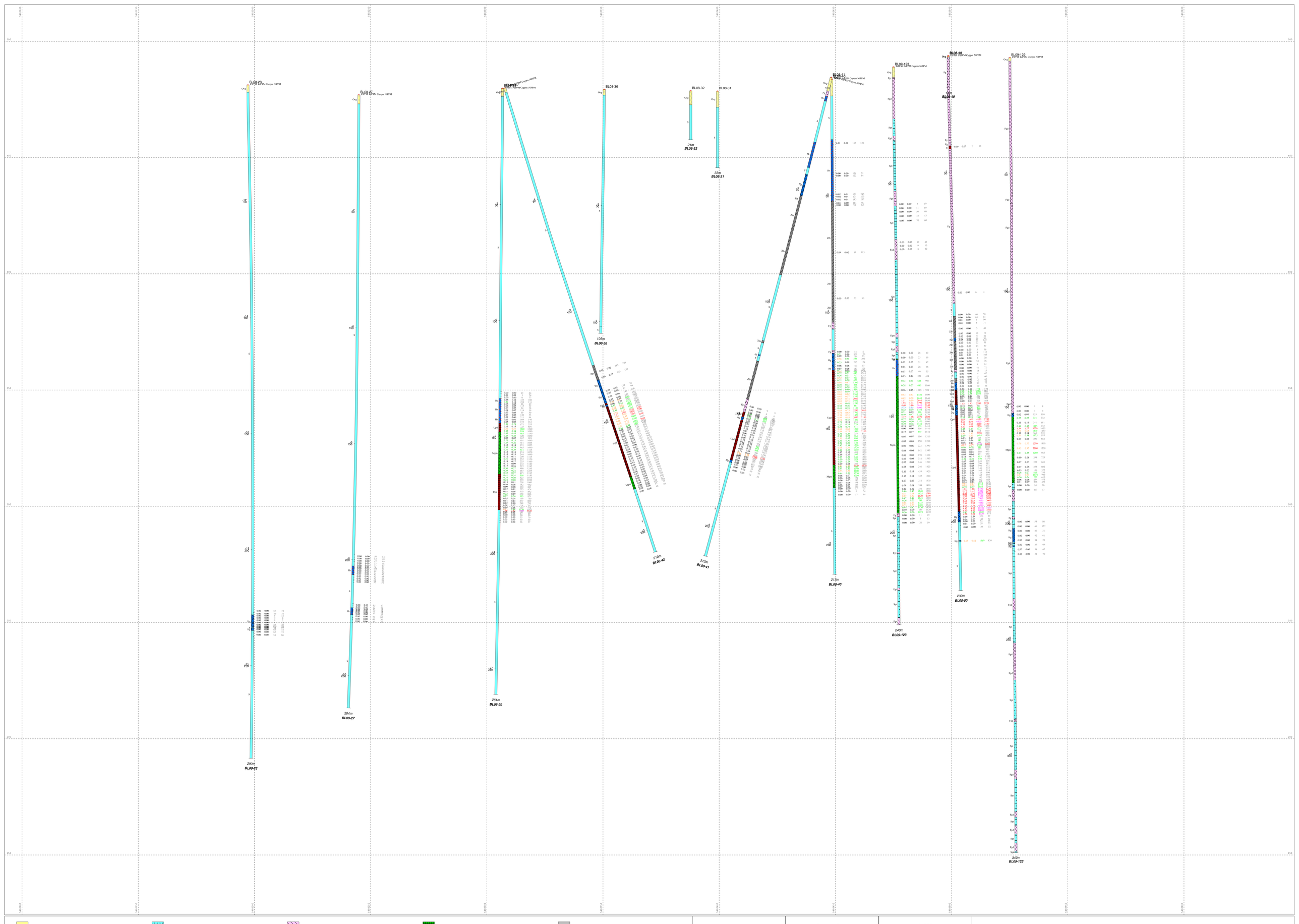
Interfingered Mafic/Felsic
Mixed Intrusion Breccia
Interfingered Felsic/Mafic
Vein
Core lost
No sample void

Scale	Create Date	SHEET
1:500	01/07/09	1 of 1
	Plot Date	FILE
	01/07/09	BL_E358000

0 50m

TBN Project
Beaver Lake Prospect
BL_E358000 +25m -25m
(Looking West)

Grid: NAD83 Zone16

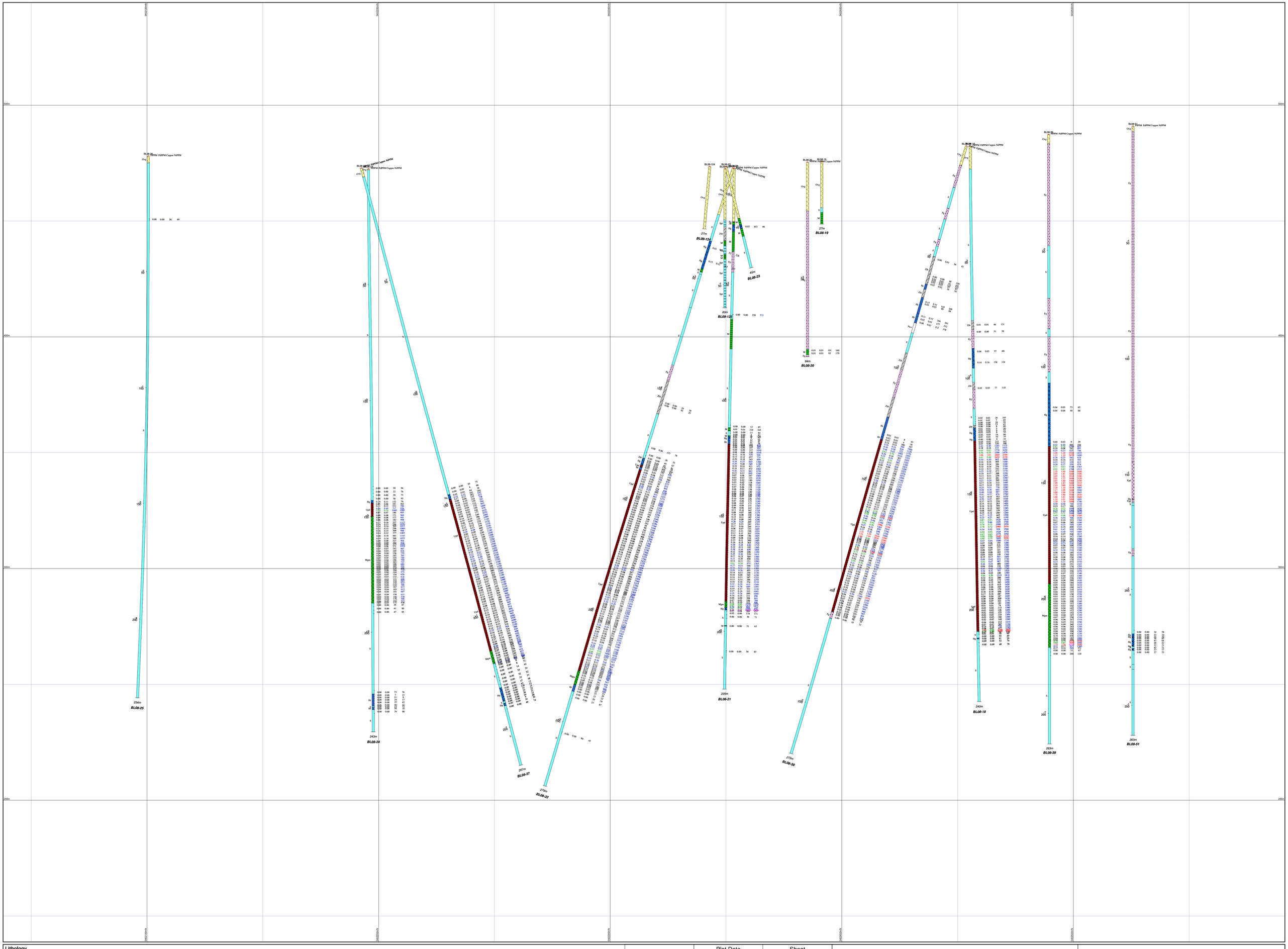


- Overburden
- Overburden mud
- Overburden glacial
- Sedimentary rocks
- Chert
- Sedimentary gneiss
- Schist
- Breccia
- Siltstone/Sandstone
- Felsic rock - undivided
- Alkali feldspar granite
- Monzonite
- Granite
- Granodiorite
- Tonalite
- Hybrid grey
- Hybrid red
- Mafic rocks
- Gabbro
- Gabbro -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

Scale 1:500	Create Date 14/08/09	SHEET 1 of 1
	Plot Date 14/08/09	FILE BL_E358100

0 50 100m

TBN Project
Beaver Lake Prospect
BL_E358100
Looking West (±25m)



Lithology

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

Scale	Plot Date	Sheet
1 : 500	06-May-2010	1 of 1
	Plot File: BL_E358200 2009	

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TBN Project
Beaver Lake Prospect
BL_E358200 2009
Looking West
Grid: NAD83 Zone16

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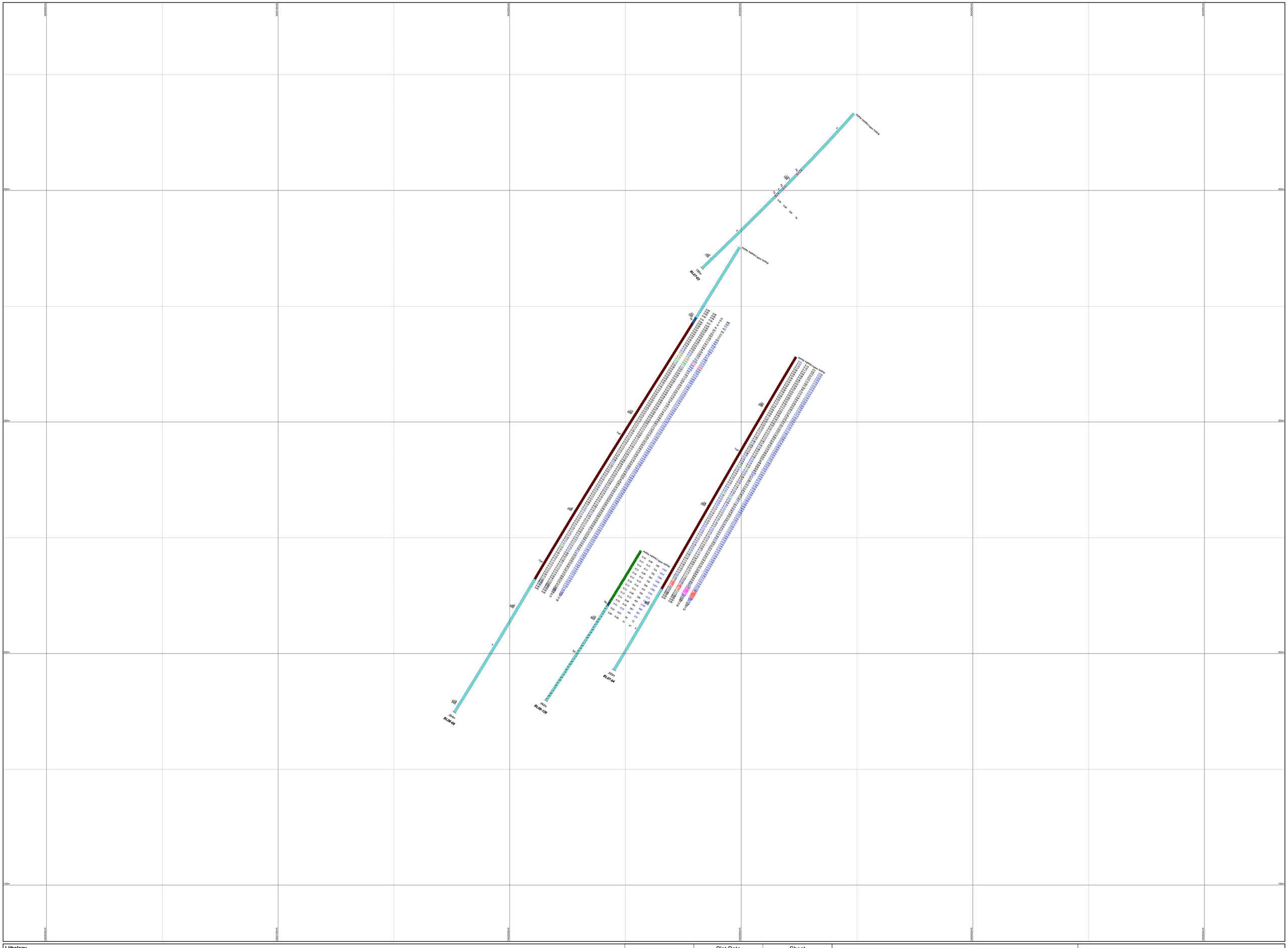

Lithology

- Overburden
- Overburden glacial/mud
- Felsic breccia
- Sedimentary rocks
- Chert
- Sedimentary gneiss
- Schist
- Siltstone/Sandstone
- Breccia
- Gein
- Granodiorite
- Alkali feldspar granite
- Monzonite
- Granite
- Tonalite
- Hybrid red
- Hybrid grey
- Intermediate rock, Diorite
- Mafic rock, Gabbro
- Gabbro - Leucocratic
- Gabbro - Melanocratic
- Gabbro - Noritic
- Gabbro - Var/Textured
- Troctolite
- Diabase
- Ultramafic Rocks
- Pyroxenite
- Peridotite
- Massive sulphide
- Interlingered Ultramafic/Mafic/Felsic
- Mixed Intrusion Breccia
- No core

Scale	Plot Date	Sheet
1 : 500	06-May-2010	1 of 1
	Plot File: BL 358250E 2009	

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TBN Project
Beaver Lake Prospect
BL 358250E 2009
Looking West
Grid: NAD83 Zone16

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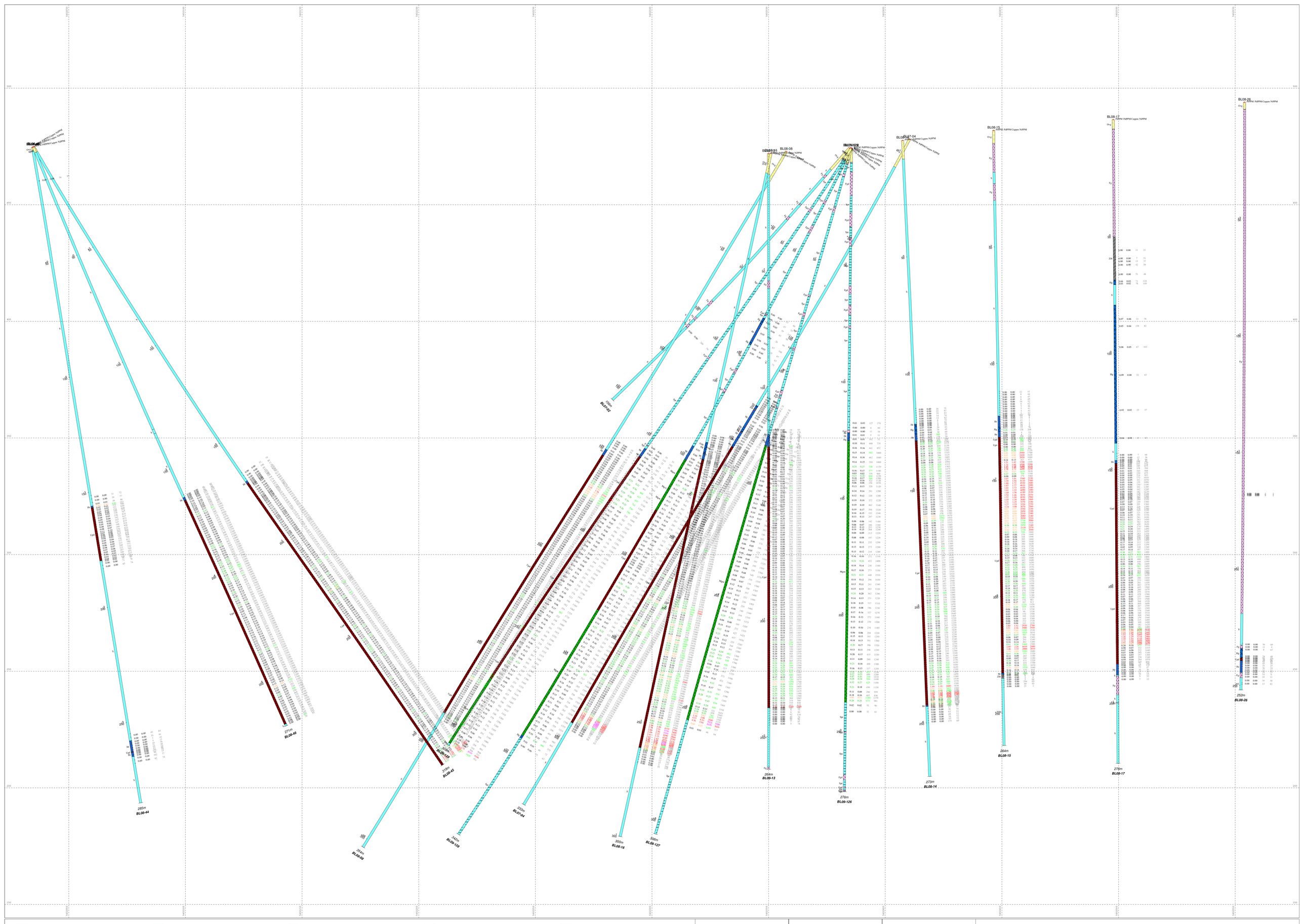

- Overburden
- Overburden mud
- Overburden glacial
- Sedimentary rocks
- Chert
- Sedimentary gneissy
- Schist
- Breccia
- Siltstone/Sandstone
- Felsic rock - undivided
- Alkali feldspar granite
- Monzonite
- Granite
- Granodiorite
- Tonalite
- Hybrid grey
- Hybrid red
- Mafic rocks
- Gabbro
- Gabbro - Melanocratic
- Gabbro - Noritic
- Gabbro - VariTextured
- Gabbro - Leucocratic
- Troctolite
- Diabase
- Ultramafic Rocks
- Peridotite
- Pyroxenite
- Interfingered Mafic/Felsic
- Mixed Intrusion Breccia
- Interfingered Felsic/Mafic
- Intermediate rocks, diorite
- Vein
- No core, core lost

Scale	Create Date	SHEET
1:500	22/09/09	1 of 1
	Plot Date	FILE
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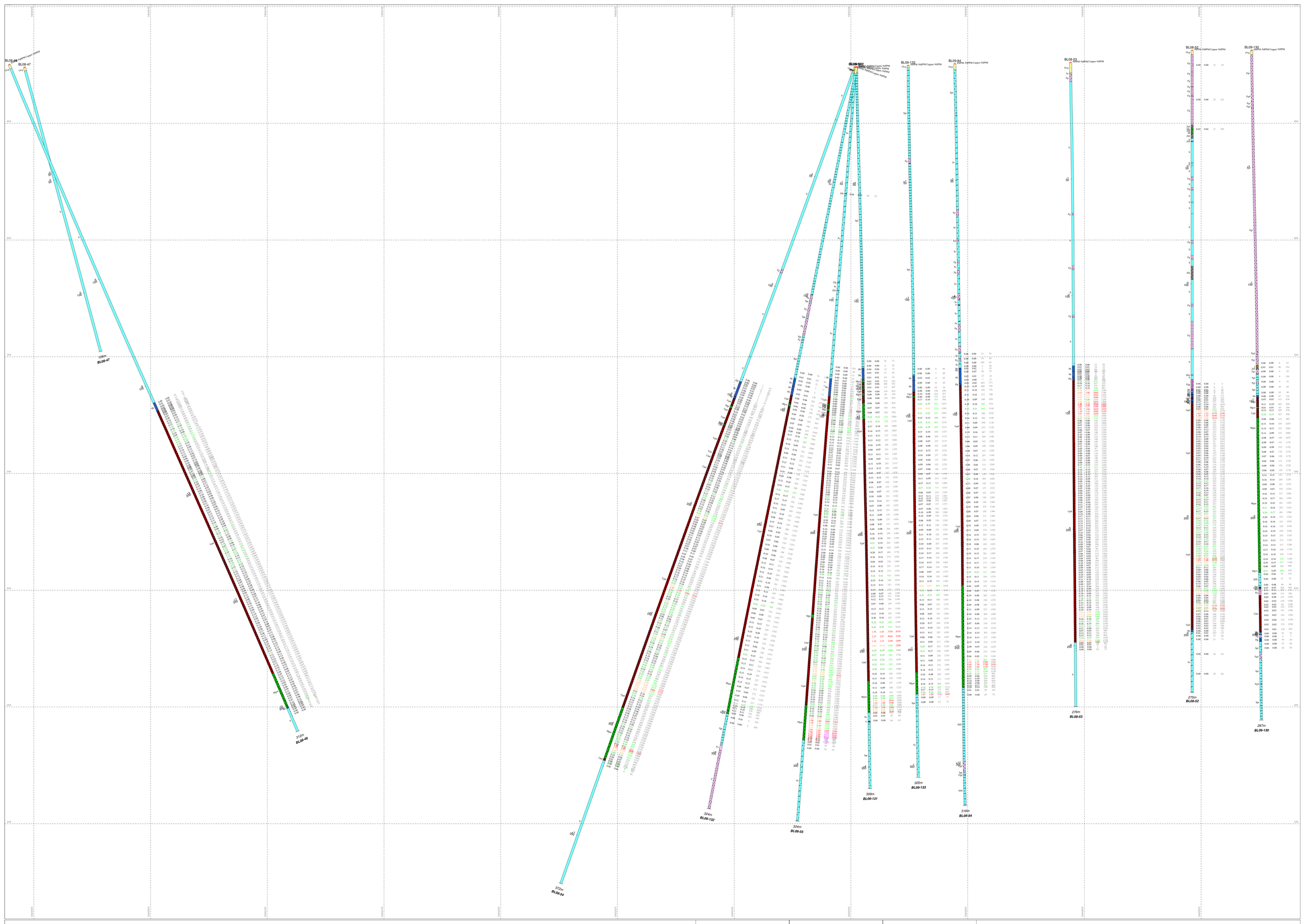
TBN Project
Beaver Lake Prospect
BL_E358300
Looking West (+70m,-25m)

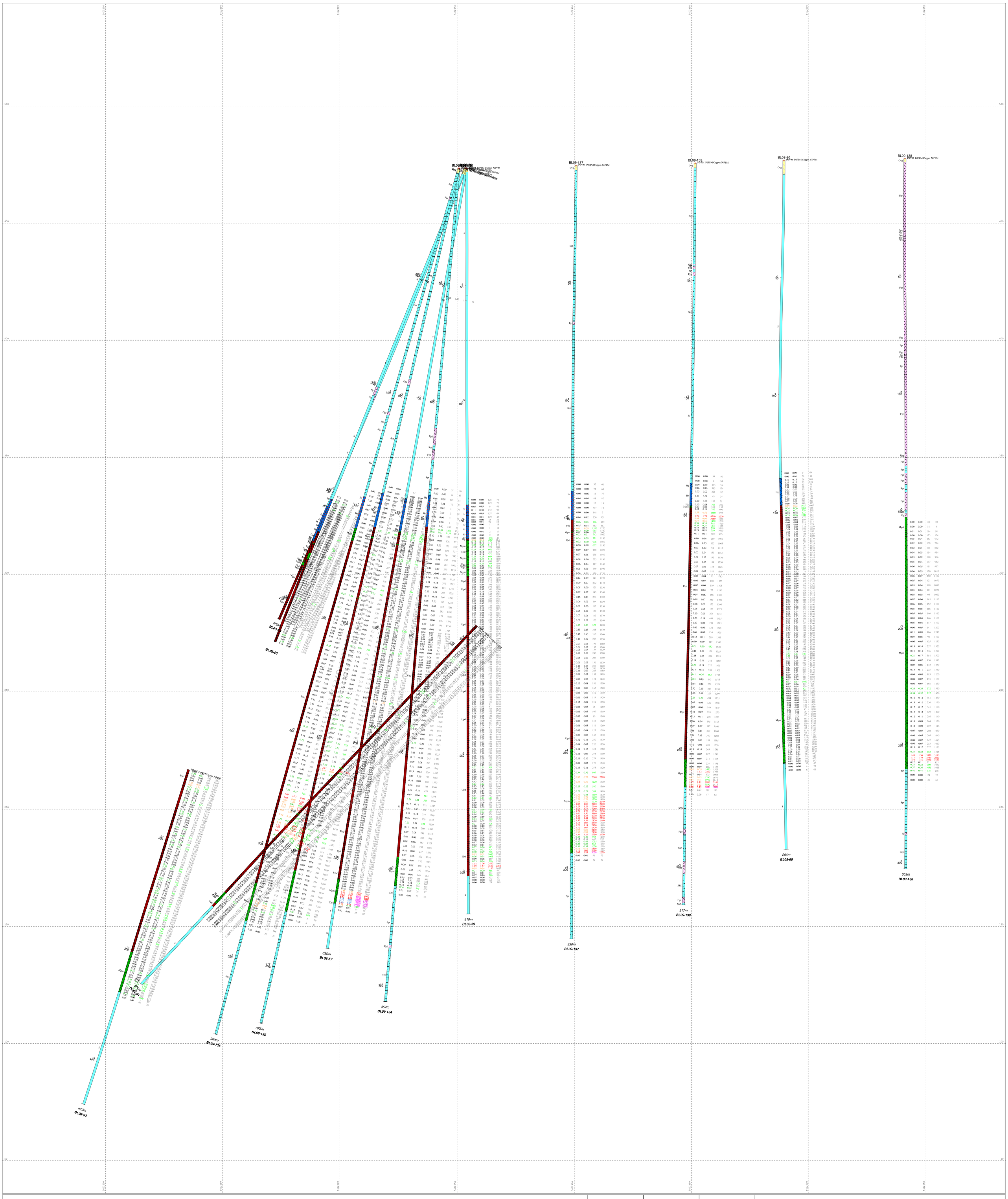


- Overburden
- Overburden mud
- Overburden glacial
- Sedimentary rocks
- Chert
- Sedimentary gneiss
- Schist
- Breccia
- Siltstone/Sandstone
- Felsic rock - undivided
- Alkali feldspar granite
- Monzonite
- Granite
- Granodiorite
- Tonalite
- Hybrid grey
- Hybrid red
- Mafic rocks
- Gabbro
- Gabbro -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

Scale	Create Date	SHEET
1:500	22/09/09	1 of 1
	Plot Date	FILE
	22/09/09	BL_E358400

0 50 100m

TBN Project
Beaver Lake Prospect
BL_E358400
Looking West (+25m,-25m)



Overburden	Breccia
Overburden mud	Siltstone/Sandstone
Overburden glacial	Felsic rock - undivided
Sedimentary rocks	Alkali feldspar granite
Chert	Monzonite
Sedimentary gneiss	Granite
Schist	Granodiorite

Tonalite	Gabbro - VariTextured
Hybrid grey	Gabbro - Leucocratic
Hybrid red	Troctolite
Mafic rocks	Diabase
Gabbro	Ultramafic Rocks
Gabbro - Melanocratic	Peridotite
Gabbro - Noritic	Pyroxenite

Interfingered Mafic/Felsic	
Mixed Intrusion Breccia	
Interfingered Felsic/Mafic	
Intermediate rocks, diorite	
Vein	
No core, core lost	

Scale	Create Date	SHEET
	22/09/09	1 of 1
1:500	Plot Date	FILE
	22/09/09	BL_E358500

0 25 50m

TBN Project
Beaver Lake Prospect
BL_E358500
Looking West (+25m,-25m)

Grid: NAD83 Zone16

5452000mN
5452200mN
5452400mN
5452600mN
500m
400m
300m
200m
100m
BL08-63
BL07-05
BL08-68
BL08-67
BL08-65
BL08-66
BL08-61
BL08-64
BL08-62
BL07-01
417m
417m
389m
381m
369m
390m
375m
50m
Pt/PPM
Pd/PPM
Cu ppm
Ni/PPM
Mgm
Upd
Hz
S

Lithology

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

Scale	Plot Date	Sheet
1 : 500	06-May-2010	1 of 1
	Plot File: BL_E358550 2009	

10 0 10 20m

TBN Project
Beaver Lake Prospect
BL_E358550 2009
Looking West
Grid: NAD83 Zone16

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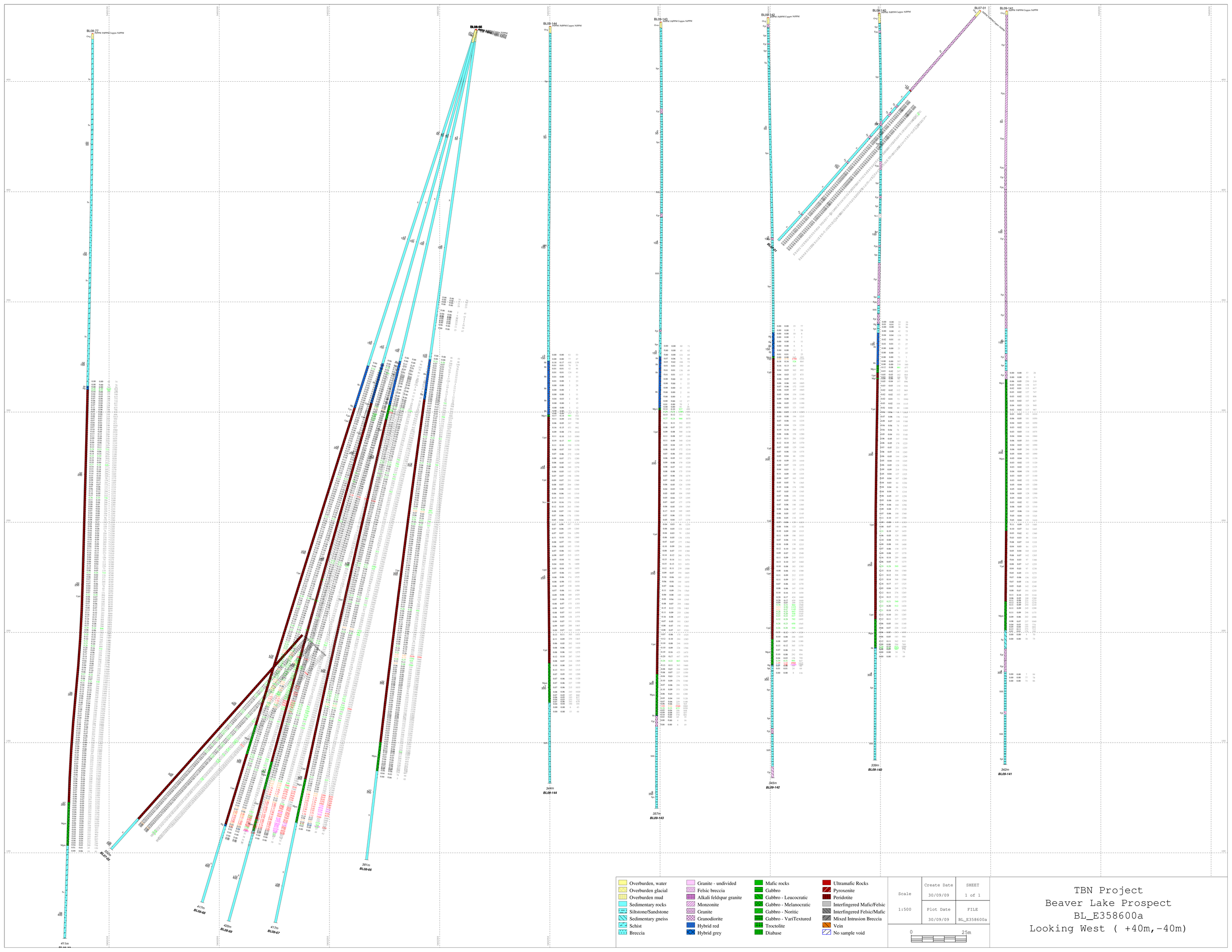
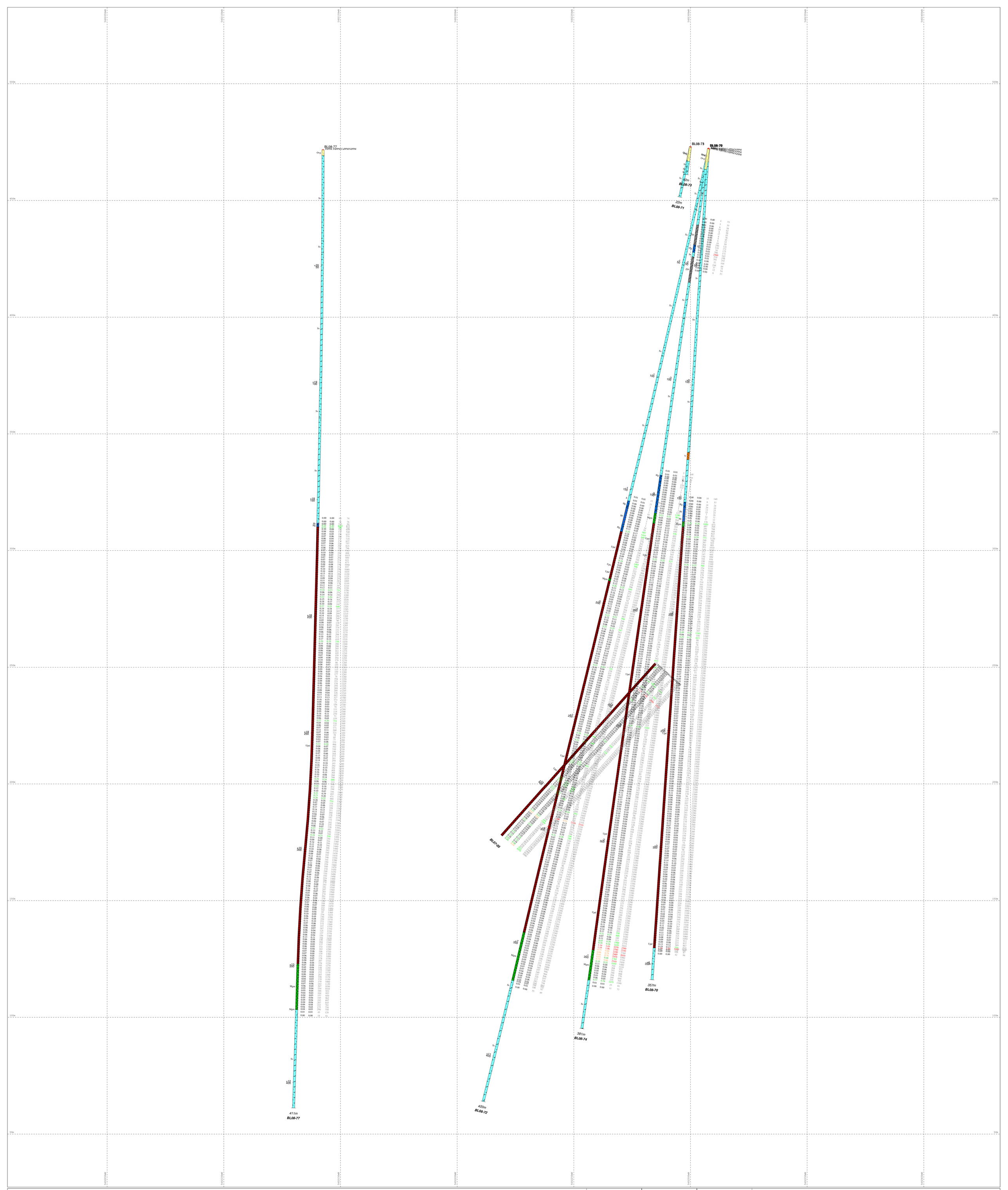


Overburden, water	Granite - undivided	Mafic rocks	Ultramafic Rocks
Overburden glacial	Felsic breccia	Gabbro	Pyroxenite
Overburden mud	Alkali feldspar granite	Gabbro - Leucocratic	Peridotite
Sedimentary rocks	Monzonite	Gabbro - Melanocratic	Interfingered Mafic/Felsic
Siltstone/Sandstone	Granite	Gabbro - Noritic	Interfingered Felsic/Mafic
Sedimentary gneiss	Granodiorite	Gabbro - VariTextured	Mixed Intrusion Breccia
Schist	Hybrid red	Troctolite	Vein
Breccia	Hybrid grey	Diabase	No sample void

Scale	Create Date	SHEET
1:500	30/09/09	1 of 1
	Plot Date	FILE
	30/09/09	BL_E358600a

0 25m

TBN Project
Beaver Lake Prospect
BL_E358600a
Looking West (+40m,-40m)



- Overburden
- Overburden glacial/mud
- Overburden mud
- Sedimentary rocks
- Chert
- Sedimentary gneiss
- Schist
- Breccia
- Siltstone/Sandstone
- Granite - undivided
- Alkali feldspar granite
- Monzonite
- Granite
- Granodiorite
- Tonalite
- Hybrid grey
- Hybrid red
- Mafic rocks
- Gabbro
- Gabbro - Melanocratic
- Gabbro - Noritic
- Gabbro - VariTextured
- Gabbro - Leucocratic
- Troctolite
- Diabase
- Ultramafic Rocks
- Peridotite
- Pyroxenite
- Interfingered Mafic/Felsic
- Mixed Intrusion Breccia
- Interfingered Felsic/Mafic
- Vein
- Core lost
- No sample void

Scale	Create Date	SHEET
1:500	24/06/09	1 of 1
	Plot Date	FILE
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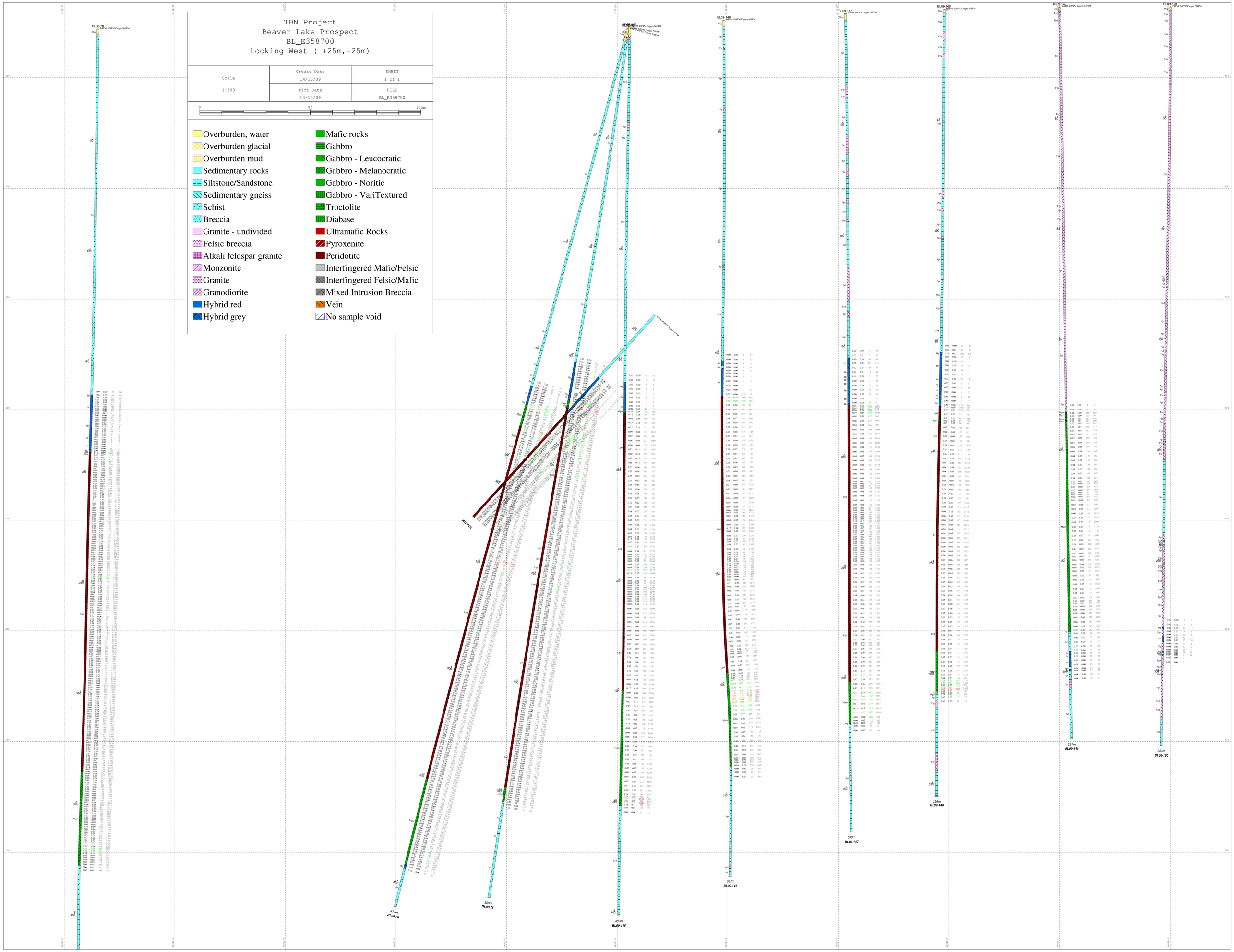
0 — 50m

TBN Project
Beaver Lake Prospect
BL_E358650 +25m -25m
(Looking West)
Grid: NAD83 Zone16


TBN Project
Beaver Lake Prospect
BL_E358700
Looking West (+25m,-25m)
Scale
1:500
Create Date
14/10/09
Plot Date
14/10/09
SHEET
1 of 1
FILE
BL_E358700
0
50
100m
Overburden, water
Overburden glacial
Overburden mud
Sedimentary rocks
Siltstone/Sandstone
Sedimentary gneiss
Schist
Breccia
Granite - undivided
Felsic breccia
Alkali feldspar granite
Monzonite
Granite
Granodiorite
Hybrid red
Hybrid grey
Mafic rocks
Gabbro
Gabbro - Leucocratic
Gabbro - Melanocratic
Gabbro - Noritic
Gabbro - VariTextured
Troctolite
Diabase
Ultramafic Rocks
Pyroxenite
Peridotite
Interfingered Mafic/Felsic
Interfingered Felsic/Mafic
Mixed Intrusion Breccia
Vein
No sample void
BL08-78
BL09-145
BL09-146
BL09-147
BL09-148
BL09-149
BL09-150
BL07-05
BL08-76
BL08-75
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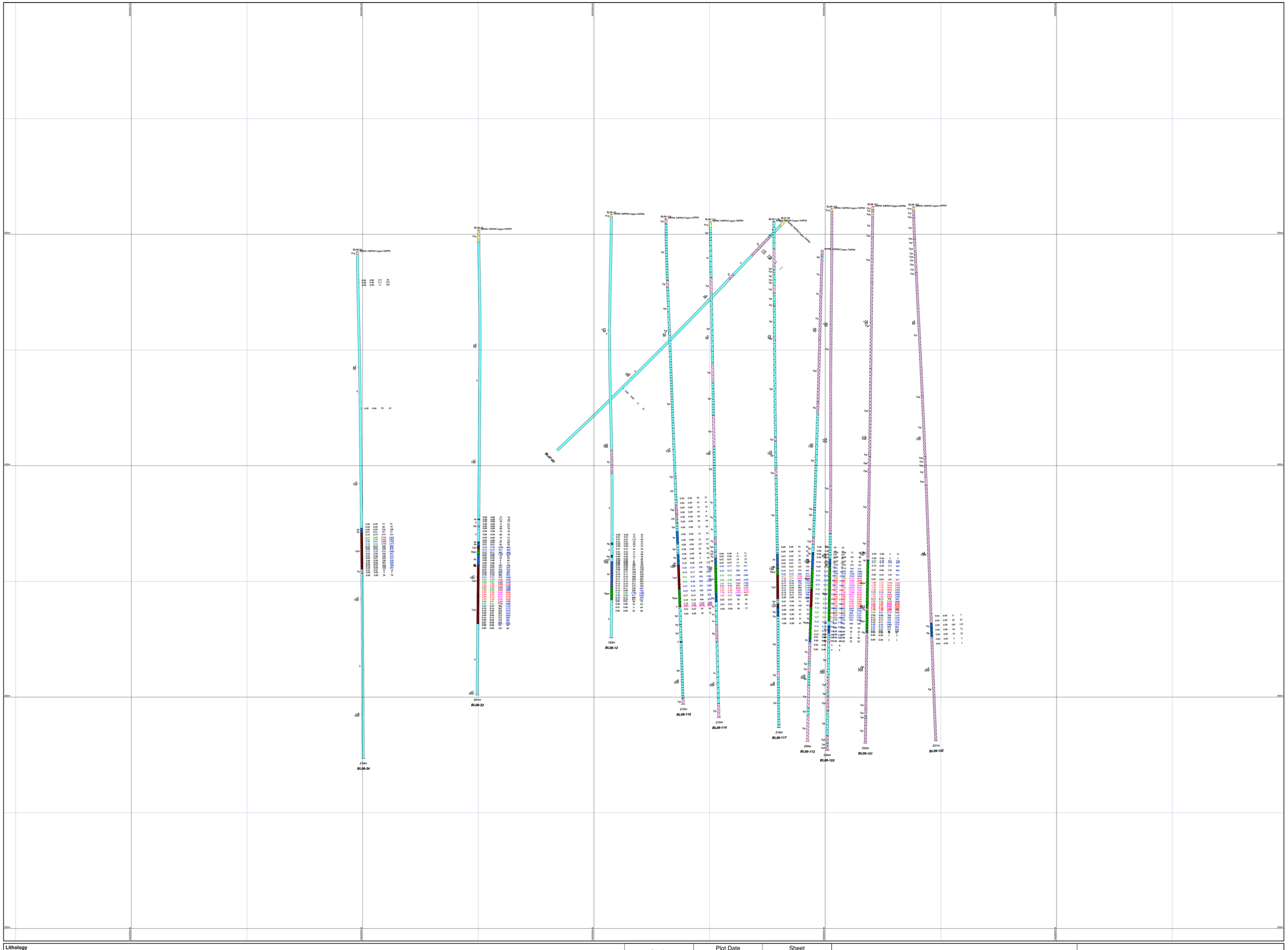
BL09-149
BL09-150



Lithology

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

Scale	Plot Date	Sheet
1 : 500	06-May-2010	1 of 1

Plot File: BL 357900E 2009

20 0 20 40m

TBN Project
Beaver Lake Prospect
BL 357900E 2009
Looking West
Grid: NAD83 Zone16

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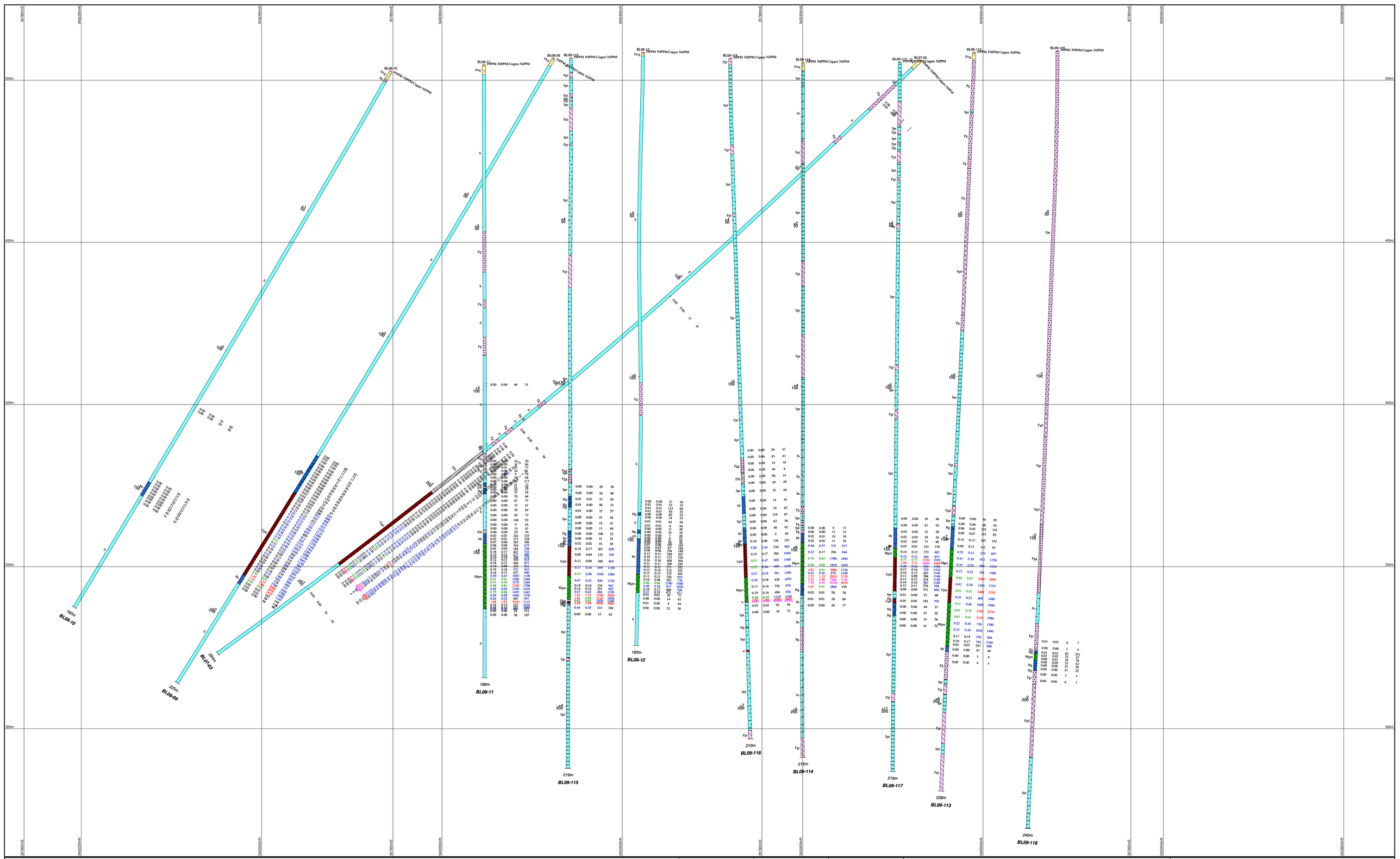


Lithology

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

Scale 1 : 500

Plot Date 06-May-2010

Sheet 1 of 1

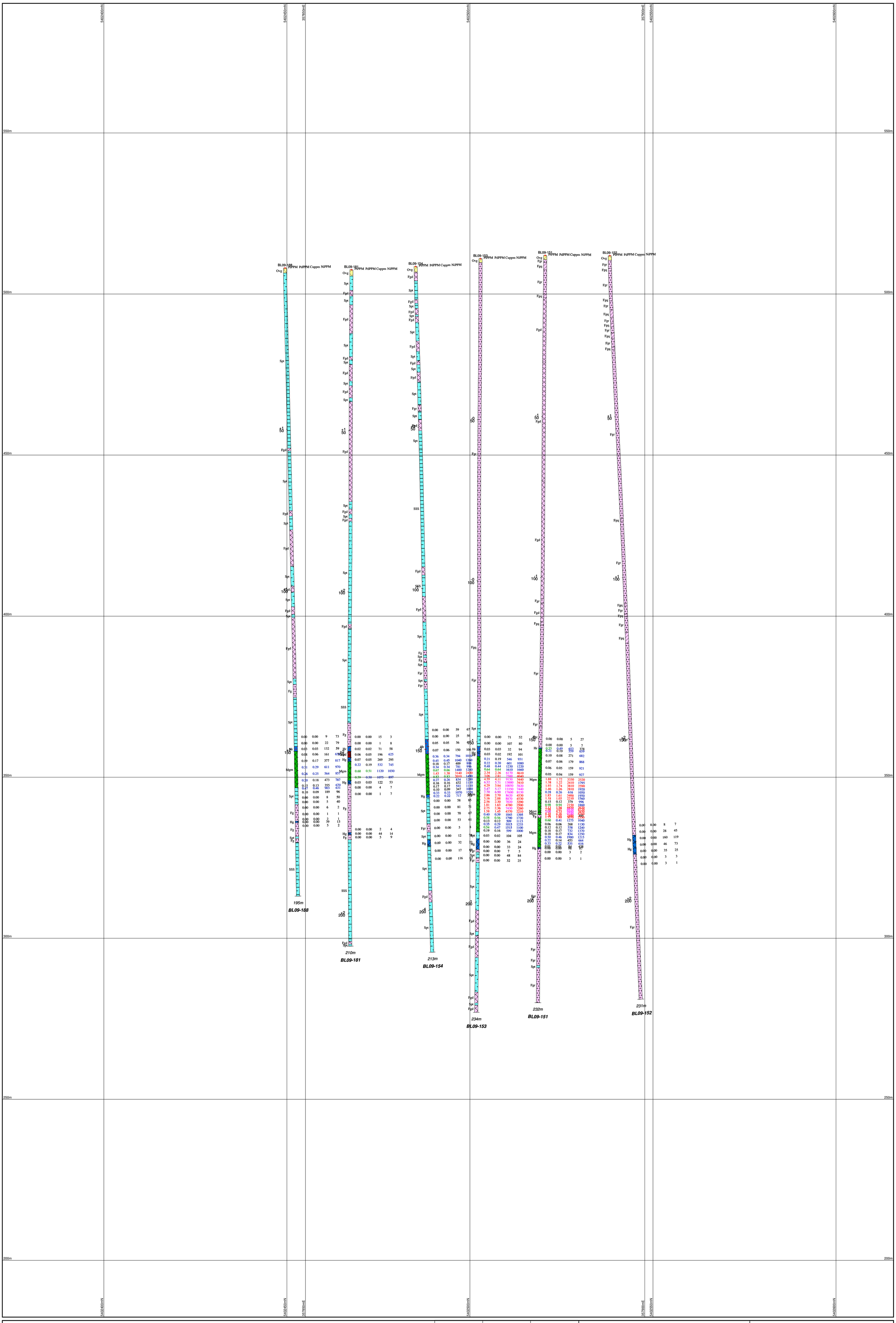
Plot File: BZ0+00W 2009

10 0 10 20m

Thunder Bay North Project
Bridge Zone
BZ0+00W 2009
Looking 330 Degree (+15m, -15m)

Grid: NAD83 Zone16

MAGMA METALS LTD.



Lithology

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

Scale 1 : 500

Plot Date 06-May-2010

Sheet 1 of 1

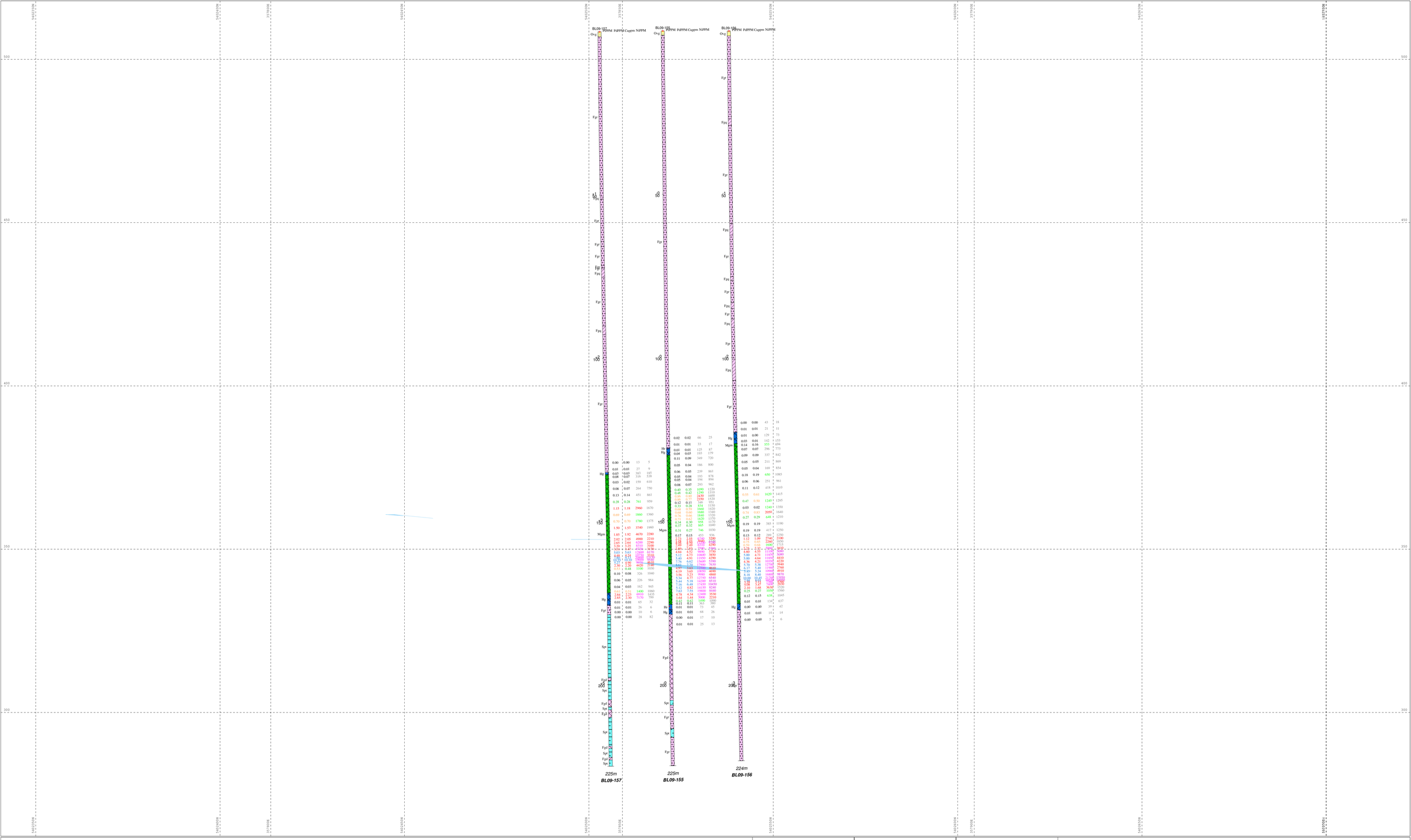
Plot File: BZ0+50W 2009

10 0 10 20m

Thunder Bay North Project
Bridge Zone
BZ0+50W 2009
Looking 330 Degree (+15m, -15m)

Grid: NAD83 Zone16

MAGMA METALS LTD.



Overburden, water
Overburden glacial
Overburden mud
Sedimentary rocks
Siltstone/Sandstone
Sedimentary gneiss

Schist
Breccia
Granite - undivided
Felsic breccia
Alkali feldspar granite
Monzonite

Granite
Granodiorite
Hybrid red
Hybrid grey
Mafic rocks
Gabbro

Gabbro - Leucocratic
Gabbro - Melanocratic
Gabbro - Noritic
Gabbro - VariTextured
Troctolite
Diabase

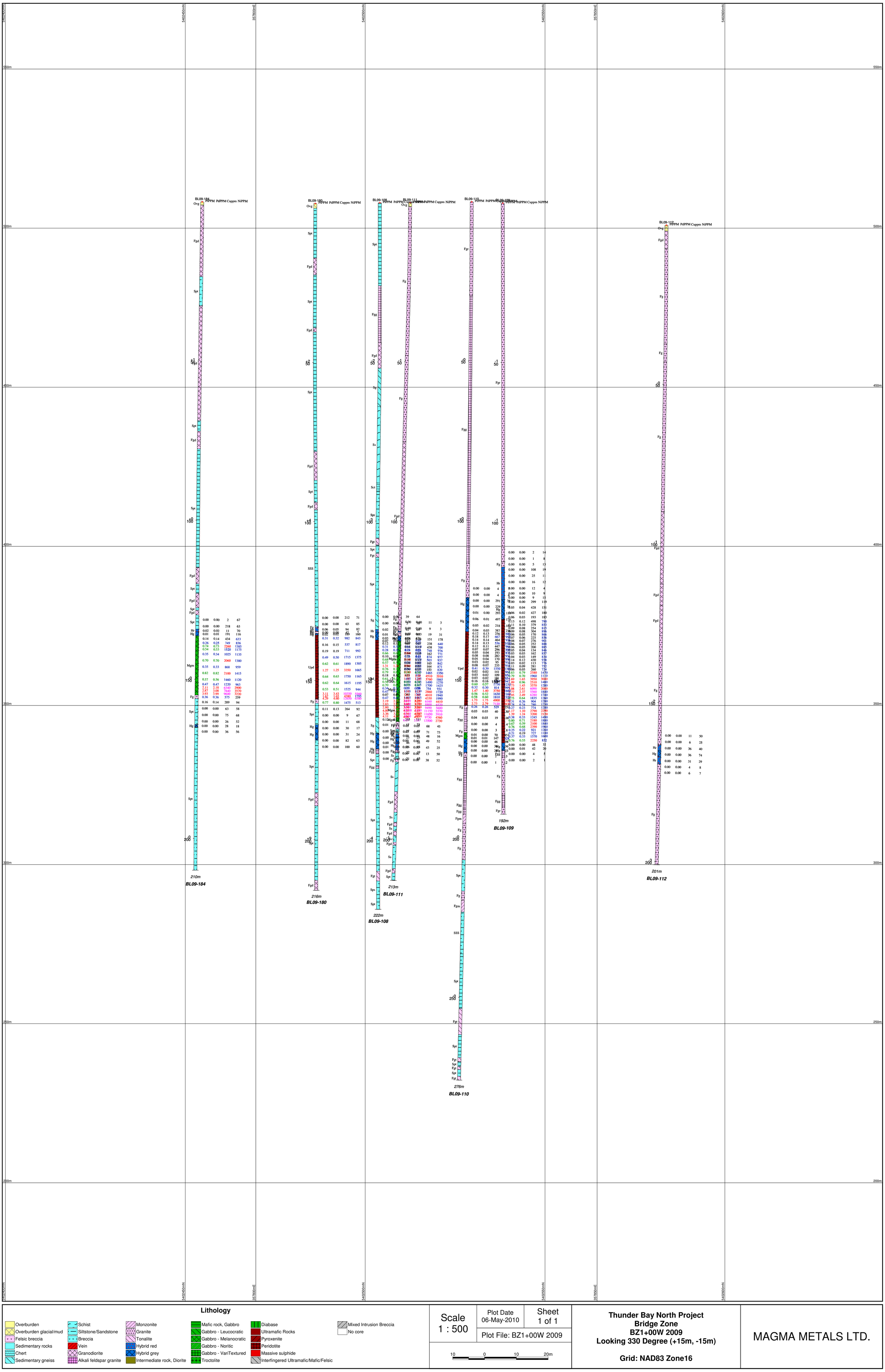
Ultramafic Rocks
Pyroxenite
Peridotite
Interfingered Mafic/Felsic
Interfingered Felsic/Mafic
Mixed Intrusion Breccia

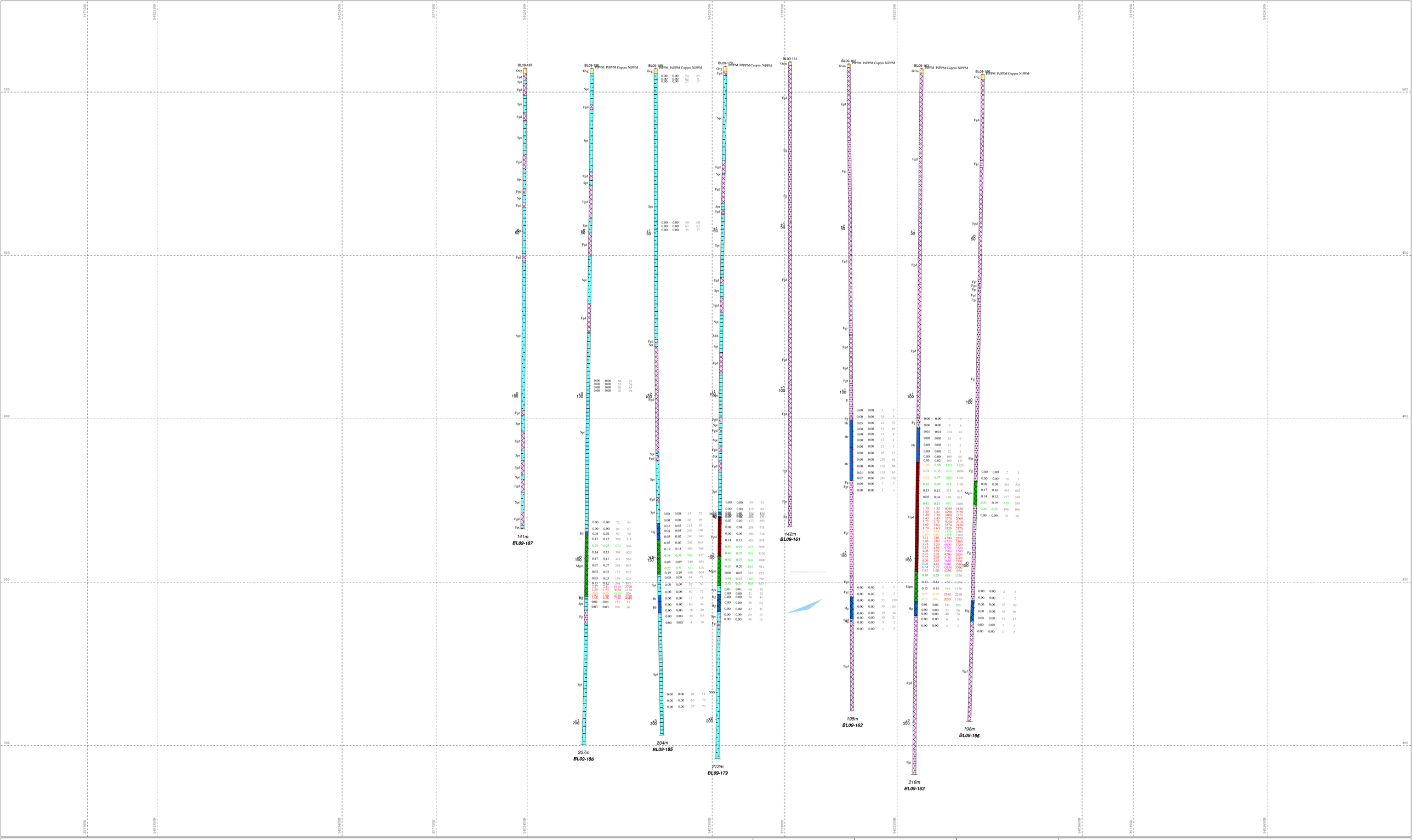
Vein
No sample void
Core lost

Scale	Create Date	SHEET
1:500	02/02/10	1 of 1
	Plot Date	FILE
	02/02/10	BL_Gap0+75W

0 40 80m

TBN Project
Beaver Lake Prospect
BL_Gap0+75W
Transform
Grid: NAD83 Zone16


5402400mN
5402450mN
357800mE
5402500mN
5402550mN
357850mE
5402600mN
550m
500m
450m
400m
350m
300m
250m
200m
BL09-184
PdPPM PdPPM Cuppm NiPPM
Ovg
Fgd
Spt
Mgm
Fg
0.00 0.00 2 67
0.00 0.00 218 63
0.02 0.02 11 70
0.01 0.01 191 116
0.14 0.14 434 633
0.26 0.25 749 836
0.74 0.73 2260 1385
0.54 0.53 1520 1175
0.35 0.34 1025 1135
0.70 0.70 2060 1380
0.35 0.33 868 959
0.82 0.82 2100 1415
0.57 0.56 1460 1120
0.47 0.47 1220 963
2.11 2.18 6340 2900
2.87 3.08 7840 3570
3.93 3.99 9600 3220
0.36 0.36 575 259
0.16 0.14 289 94
0.00 0.00 63 58
0.00 0.00 75 68
0.00 0.00 26 52
0.00 0.00 28 18
0.00 0.00 36 56
210m
BL09-184
BL09-180
SSS
Upd
0.00 0.00 212 71
0.00 0.00 63 85
0.06 0.05 94 82
0.02 0.02 189 160
0.31 0.32 982 843
0.16 0.15 537 817
0.19 0.19 711 992
0.49 0.50 1715 1375
0.62 0.61 1890 1305
1.27 1.25 3350 1665
0.64 0.63 1750 1165
0.62 0.64 1615 1195
0.53 0.51 1525 944
3.11 3.43 10350 5560
1.62 1.65 4380 1795
4.29 4.60 12650 6380
0.77 0.80 1475 513
0.11 0.13 264 92
0.00 0.00 9 67
0.00 0.00 11 68
0.00 0.00 30 17
0.00 0.00 31 24
0.00 0.00 82 63
0.00 0.00 100 60
216m
BL09-180
BL09-108
BL09-111
Sg
Hr
Hg
Ss
Sct
Sps
Fgt
Fgg
Mgm
0.00 0.00 39 64
0.00 0.00 5 11 3
0.02 0.02 9 3
0.01 0.01 19 31
0.03 0.03 151 178
0.07 0.07 238 640
0.12 0.11 438 700
0.31 0.30 748 976
0.28 0.29 162 771
0.66 0.66 874 977
0.10 0.09 503 937
0.68 0.68 165 842
0.57 0.58 164 871
1.31 1.29 153 820
0.76 0.77 1465 1350
0.79 0.80 4510 2010
0.18 0.18 3760 1865
0.61 0.61 1490 1270
0.54 0.54 1700 1425
0.70 0.69 754 931
0.34 0.34 2860 1720
0.42 0.42 4010 1940
0.07 0.07 4330 1990
0.47 0.47 6160 4410
2.19 2.20 8800 6520
2.83 2.80 9490 5600
2.80 3.00 11150 5570
4.00 4.00 11650 5910
3.36 3.36 9730 4560
4.11 4.11 13500 2730
0.12 0.12 255 111
0.01 0.01 68 45
0.00 0.00 71 73
0.00 0.00 48 16
0.00 0.00 49 52
0.01 0.01 43 25
0.00 0.00 13 50
0.00 0.00 38 52
222m
BL09-108
BL09-110
BL09-109
Upd
Hr
Hg
Fgg
Mgm
Fg
0.00 0.00 4 14
0.00 0.00 4 8
0.00 0.00 291 13
0.00 0.00 229 78
0.01 0.00 293 118
0.06 0.01 497 172
0.05 0.02 218 181
0.04 0.03 387 215
0.12 0.13 256 68
0.18 0.17 667 259
0.14 0.14 464 92
0.14 0.13 536 102
0.12 0.11 447 96
0.07 0.07 296 88
0.05 0.04 193 87
0.08 0.08 282 93
0.05 0.04 170 89
0.03 0.02 95 91
0.08 0.07 235 91
0.41 0.39 1550 138
0.02 0.02 141 86
0.03 0.02 109 85
0.03 0.02 181 94
0.16 0.16 1530 947
0.60 0.57 1730 1230
0.32 0.30 814 994
1.47 1.40 3750 1880
0.56 0.52 1630 1160
0.58 0.60 1810 1320
1.73 1.75 4900 3330
2.73 2.79 7120 5630
0.26 0.26 529 252
0.03 0.03 40 30
0.04 0.03 19 16
0.00 0.00 4 4
0.00 0.00 3 8
0.01 0.00 70 55
0.01 0.01 147 128
0.00 0.00 46 98
0.00 0.00 36 56
0.00 0.00 26 23
0.00 0.00 2 3
0.00 0.00 1 2
192m
BL09-109
0.00 0.00 2 14
0.00 0.00 1 8
0.00 0.00 5 13
0.00 0.00 108 19
0.00 0.00 25 11
0.00 0.00 16 12
0.00 0.00 12 4
0.00 0.00 10 9
0.00 0.00 9 15
0.00 0.00 299 119
0.05 0.04 428 151
0.06 0.02 427 180
0.06 0.03 193 183
0.13 0.12 498 790
0.11 0.10 379 853
0.09 0.08 254 815
0.09 0.08 304 896
0.06 0.05 170 866
0.07 0.06 225 856
0.08 0.07 276 901
0.06 0.05 252 888
0.06 0.05 200 885
0.05 0.04 134 846
0.03 0.03 162 857
0.04 0.03 149 834
0.14 0.12 430 938
0.03 0.02 113 776
0.11 0.09 281 752
0.06 0.05 260 734
0.83 0.79 2580 1470
0.79 0.70 1960 1110
1.69 1.65 3950 3040
1.09 0.96 2510 1480
1.73 1.45 3570 1240
1.08 2.61 6090 2040
2.77 2.37 5560 1840
2.95 2.49 6280 1740
2.75 0.64 1835 1260
2.31 0.26 904 1280
2.78 0.24 780 1250
0.27 0.23 774 1280
1.17 1.10 2790 2290
1.39 1.24 3200 2120
0.38 0.33 1245 1490
0.80 0.71 2180 1880
0.67 0.59 2100 1840
0.76 0.68 2390 1960
0.25 0.22 921 1260
0.21 0.19 727 1180
0.37 0.33 1570 1600
0.76 0.55 2250 832
0.00 0.00 48 32
0.00 0.00 42 20
0.00 0.00 4 5
0.00 0.00 2 1
201m
BL09-112
0.00 0.00 11 50
0.00 0.00 6 25
0.00 0.00 36 40
0.00 0.00 36 74
0.00 0.00 31 29
0.00 0.00 4 8
0.00 0.00 6 7
276m
BL09-110
Lithology
Overburden
Overburden glacial/mud
Felsic breccia
Sedimentary rocks
Chert
Sedimentary gneiss
Schist
Siltstone/Sandstone
Breccia
Vein
Granodiorite
Alkali feldspar granite
Monzonite
Granite
Tonalite
Hybrid red
Hybrid grey
Intermediate rock, Diorite
Mafic rock, Gabbro
Gabbro - Leucocratic
Gabbro - Melanocratic
Gabbro - Noritic
Gabbro - VariTextured
Troctolite
Diabase
Ultramafic Rocks
Pyroxenite
Peridotite
Massive sulphide
Interfingered Ultramafic/Mafic/Felsic
Mixed Intrusion Breccia
No core
Scale
1 : 500
Plot Date
06-May-2010
Sheet
1 of 1
Plot File: BZ1+00W 2009
10 0 10 20m
Thunder Bay North Project
Bridge Zone
BZ1+00W 2009
Looking 330 Degree (+15m, -15m)
Grid: NAD83 Zone16
MAGMA METALS LTD.



Overburden, water
Overburden glacial
Overburden mud
Sedimentary rocks
Siltstone/Sandstone
Sedimentary gneiss

Schist
Breccia
Granite - undivided
Felsic breccia
Alkali feldspar granite
Monzonite

Granite
Granodiorite
Hybrid red
Hybrid grey
Mafic rocks
Gabbro

Gabbro - Leucocratic
Gabbro - Melanocratic
Gabbro - Noritic
Gabbro - VariTextured
Troctolite
Diabase

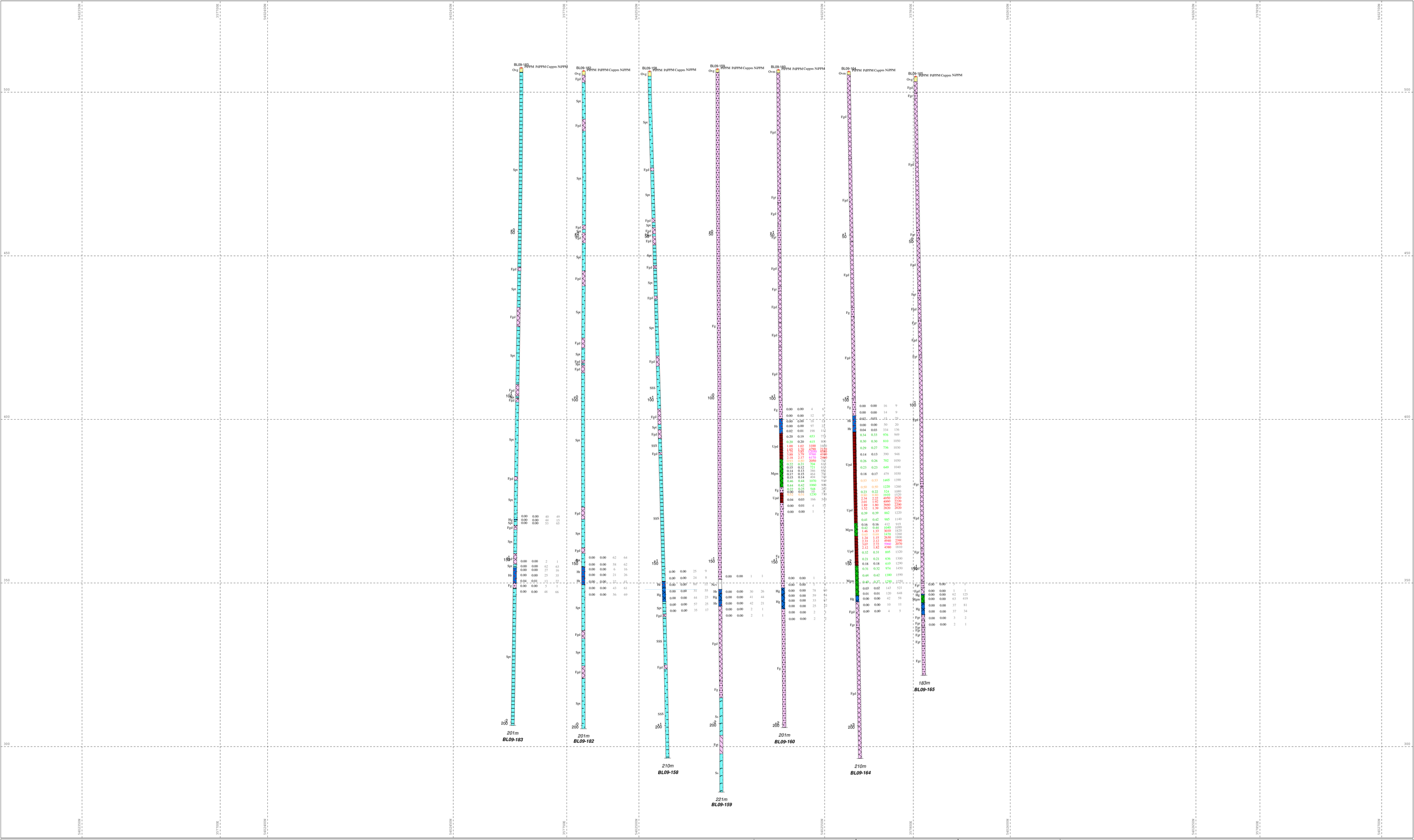
Ultramafic Rocks
Pyroxenite
Peridotite
Interfingered Mafic/Felsic
Interfingered Felsic/Mafic
Mixed Intrusion Breccia

Vein
No sample void
Core lost

Scale	Create Date	SHEET
1:500	03/02/10	1 of 1
	Plot Date	FILE
	03/02/10	BL_Gap1+25W

0 40 80m

TBN Project
Beaver Lake Prospect
BL_Gap1+25W
Transform
Grid: NAD83 Zone16

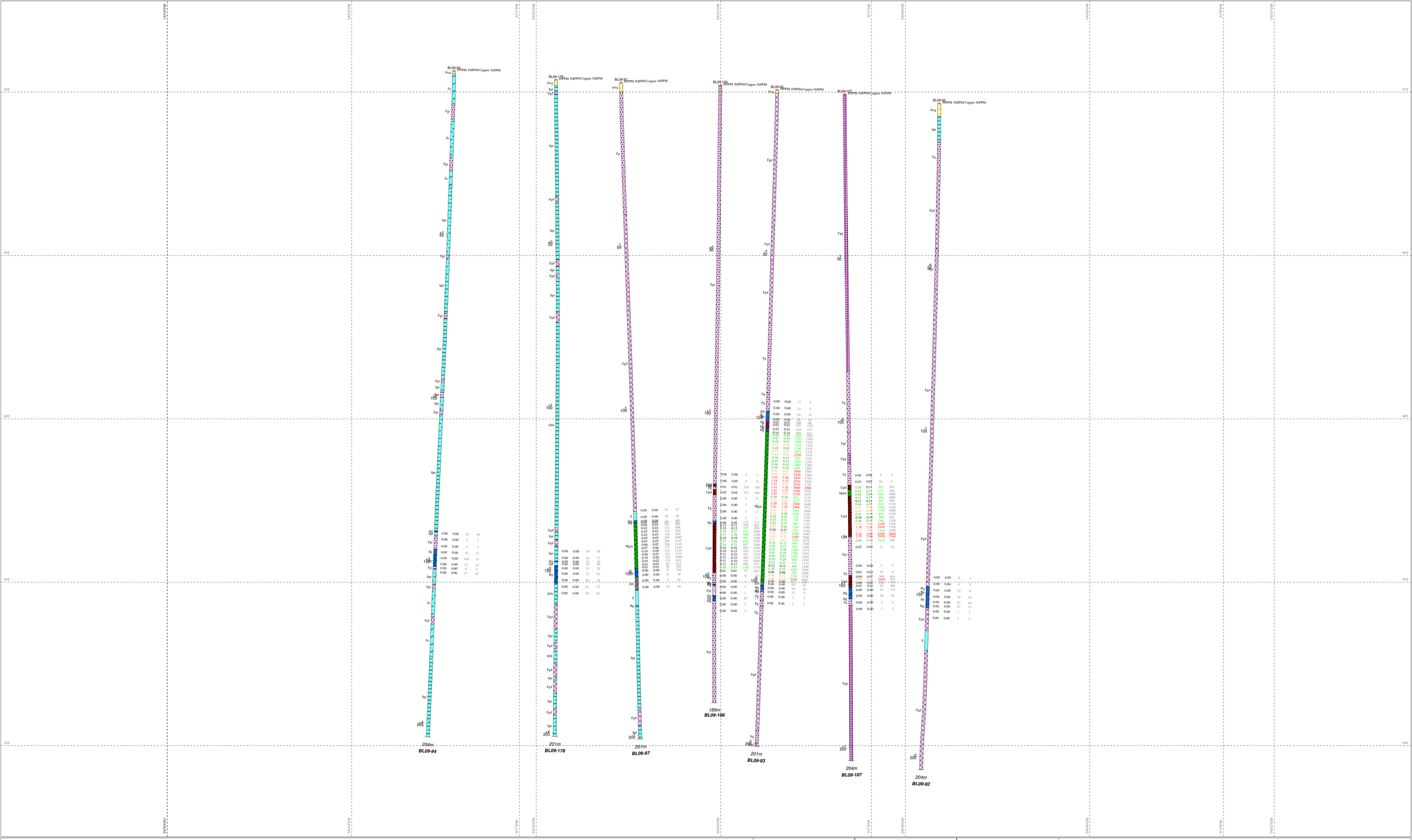


- Overburden, water
- Overburden glacial
- Overburden mud
- Sedimentary rocks
- Siltstone/Sandstone
- Sedimentary gneiss
- Schist
- Breccia
- Granite - undivided
- Felsic breccia
- Alkali feldspar granite
- Monzonite
- Granite
- Granodiorite
- Hybrid red
- Hybrid grey
- Mafic rocks
- Gabbro
- Gabbro - Leucocratic
- Gabbro - Melanocratic
- Gabbro - Noritic
- Gabbro - VariTextured
- Troctolite
- Diabase
- Ultramafic Rocks
- Pyroxenite
- Peridotite
- Interfingered Mafic/Felsic
- Interfingered Felsic/Mafic
- Mixed Intrusion Breccia
- Vein
- No sample void
- Core lost

Scale	Create Date	SHEET
1:500	03/02/10	1 of 1
	Plot Date	FILE
	03/02/10	BL_Gap1+50W

0 40 80m

TBN Project
Beaver Lake Prospect
BL_Gap1+50W
Transform
Grid: NAD83 Zone16



Overburden, water
Overburden glacial
Overburden mud
Sedimentary rocks
Siltstone/Sandstone
Sedimentary gneiss

Schist
Breccia
Granite - undivided
Felsic breccia
Alkali feldspar granite
Monzonite

Granite
Granodiorite
Hybrid red
Hybrid grey
Mafic rocks
Gabbro

Gabbro - Leucocratic
Gabbro - Melanocratic
Gabbro - Noritic
Gabbro - VariTextured
Troctolite
Diabase

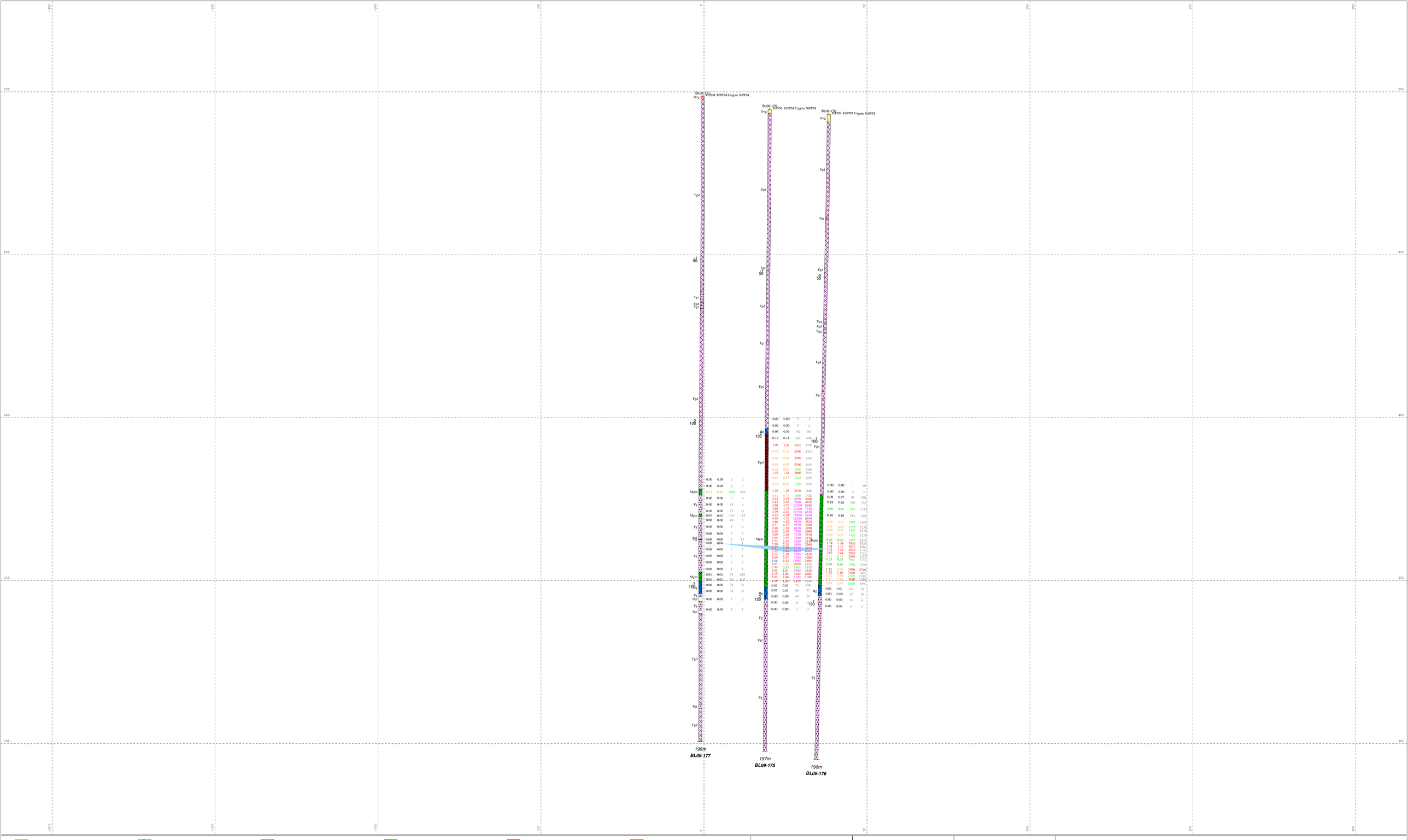
Ultramafic Rocks
Pyroxenite
Peridotite
Interfingered Mafic/Felsic
Interfingered Felsic/Mafic
Mixed Intrusion Breccia

Vein
No sample void
Core lost

Scale	Create Date	SHEET
1:500	02/02/10	1 of 1
	Plot Date	FILE
	02/02/10	BL_Gap2

0 40 80m

TBN Project
Beaver Lake Prospect
BL_Gap2
Transform
Grid: NAD83 Zone16



Overburden, water
Overburden glacial
Overburden mud
Sedimentary rocks
Siltstone/Sandstone
Sedimentary gneiss

Schist
Breccia
Granite - undivided
Felsic breccia
Alkali feldspar granite
Monzonite

Granite
Granodiorite
Hybrid red
Hybrid grey
Mafic rocks
Gabbro

Gabbro - Leucocratic
Gabbro - Melanocratic
Gabbro - Noritic
Gabbro - VariTextured
Troctolite
Diabase

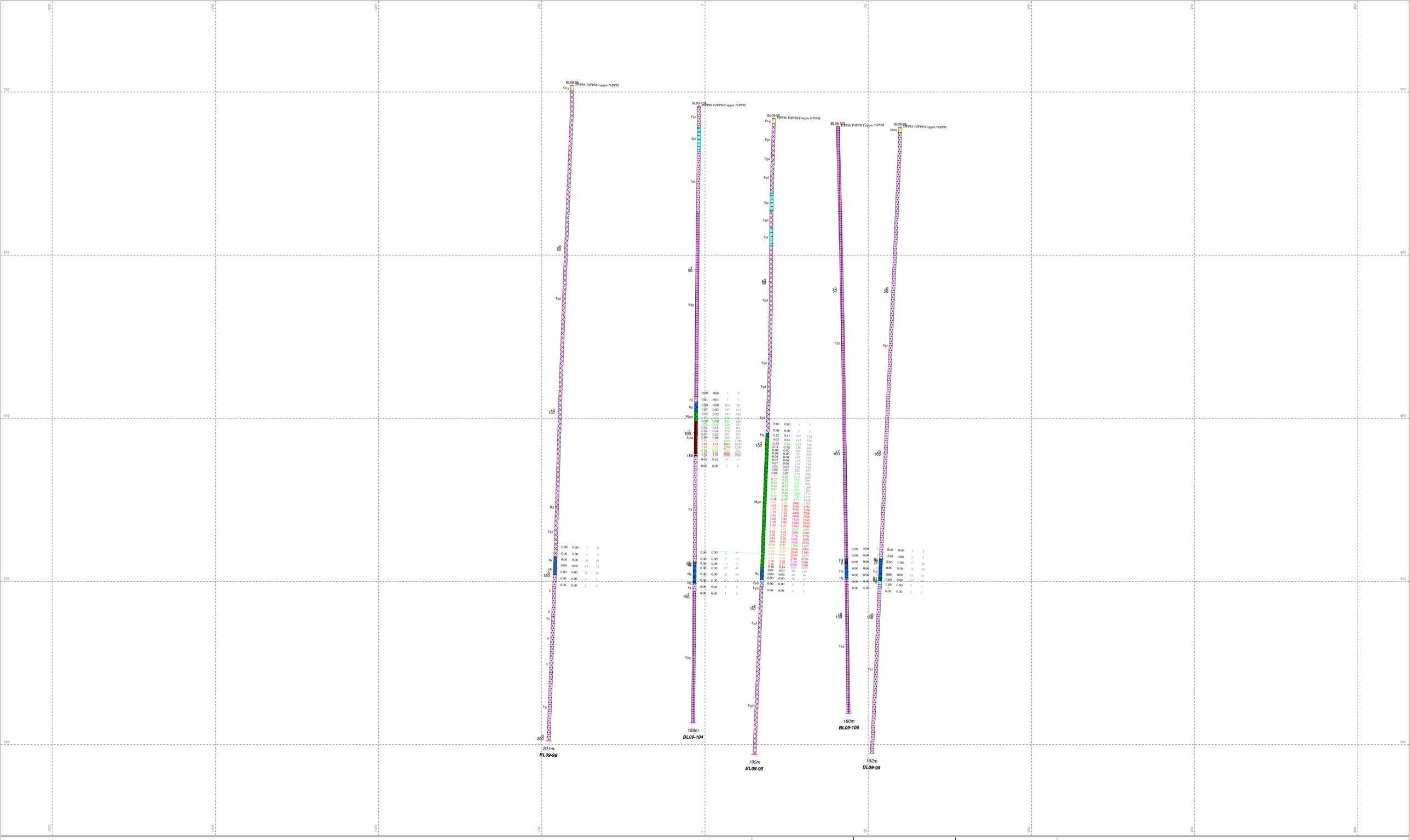
Ultramafic Rocks
Pyroxenite
Peridotite
Interfingered Mafic/Felsic
Interfingered Felsic/Mafic
Mixed Intrusion Breccia

Vein
No sample void
Core lost

Scale	Create Date	SHEET
1:500	02/02/10	1 of 1
	Plot Date	FILE
	02/02/10	BL_Gap2+50W

0 40 80m

TBN Project
Beaver Lake Prospect
BL_Gap2+50W
Transform
Grid: NAD83 Zone16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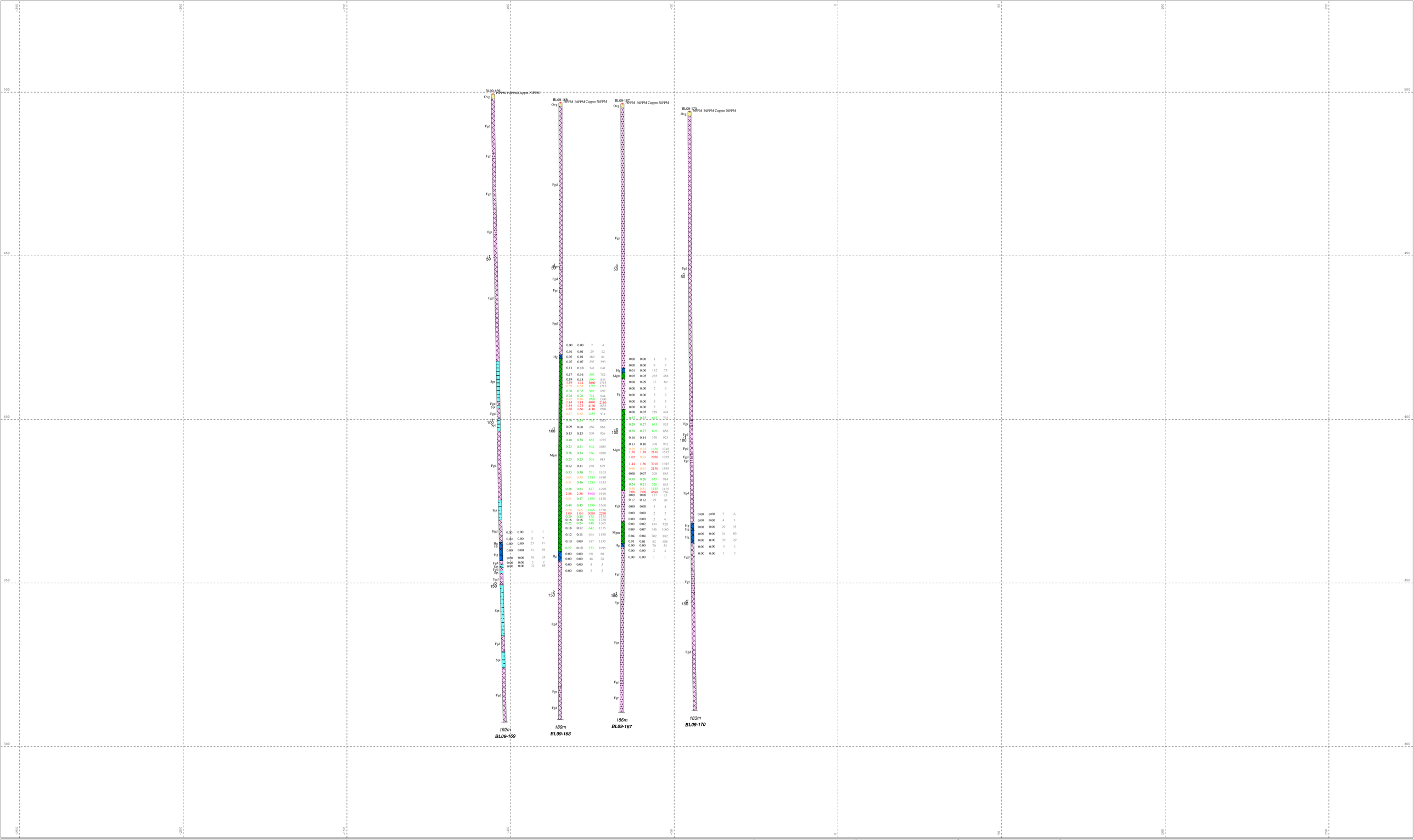
Fgr
Spt
Fgd
Fgd
Fgd
Spt
Fgd
Spt
Fgd
Fgd
Fgd

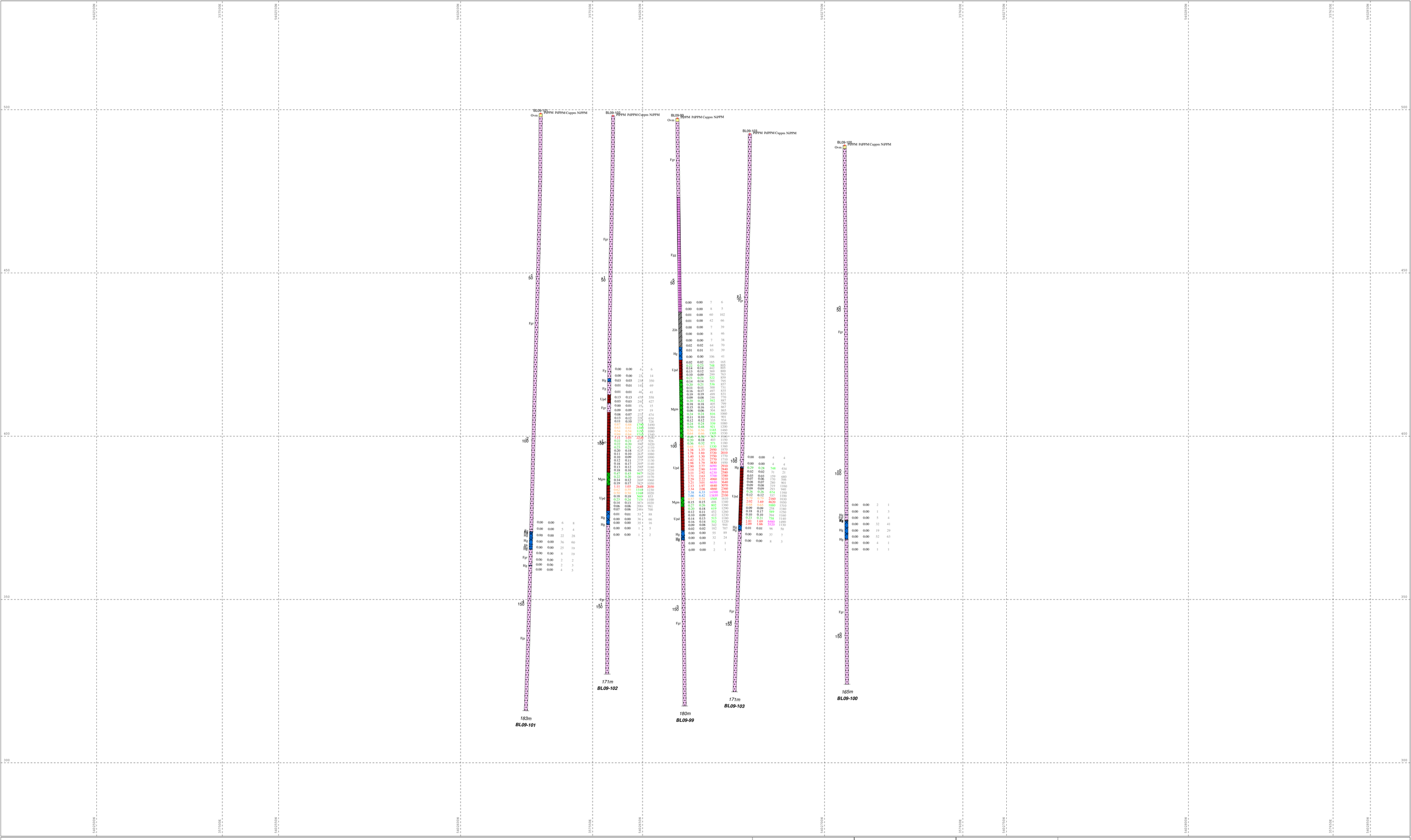


Overburden, water	Schist	Granite	Gabbro - Leucocratic	Ultramafic Rocks	Vein
Overburden glacial	Breccia	Granodiorite	Gabbro - Melanocratic	Pyroxenite	No sample void
Overburden mud	Granite - undivided	Hybrid red	Gabbro - Noritic	Peridotite	Core lost
Sedimentary rocks	Felsic breccia	Hybrid grey	Gabbro - VariTextured	Interfingered Mafic/Felsic	
Siltstone/Sandstone	Alkali feldspar granite	Mafic rocks	Troctolite	Interfingered Felsic/Mafic	
Sedimentary gneiss	Monzonite	Gabbro	Diabase	Mixed Intrusion Breccia	

Scale	Create Date	SHEET
1:500	02/02/10	1 of 1
	Plot Date	FILE
	02/02/10	BL_Gap3+50W

0 40 80m

TBN Project
Beaver Lake Prospect
BL_Gap3+50W
Transform
Grid: NAD83 Zone16



Overburden, water
Overburden glacial
Overburden mud
Sedimentary rocks
Siltstone/Sandstone
Sedimentary gneiss

Schist
Breccia
Granite - undivided
Felsic breccia
Alkali feldspar granite
Monzonite

Granite
Granodiorite
Hybrid red
Hybrid grey
Mafic rocks
Gabbro

Gabbro - Leucocratic
Gabbro - Melanocratic
Gabbro - Noritic
Gabbro - VariTextured
Troctolite
Diabase

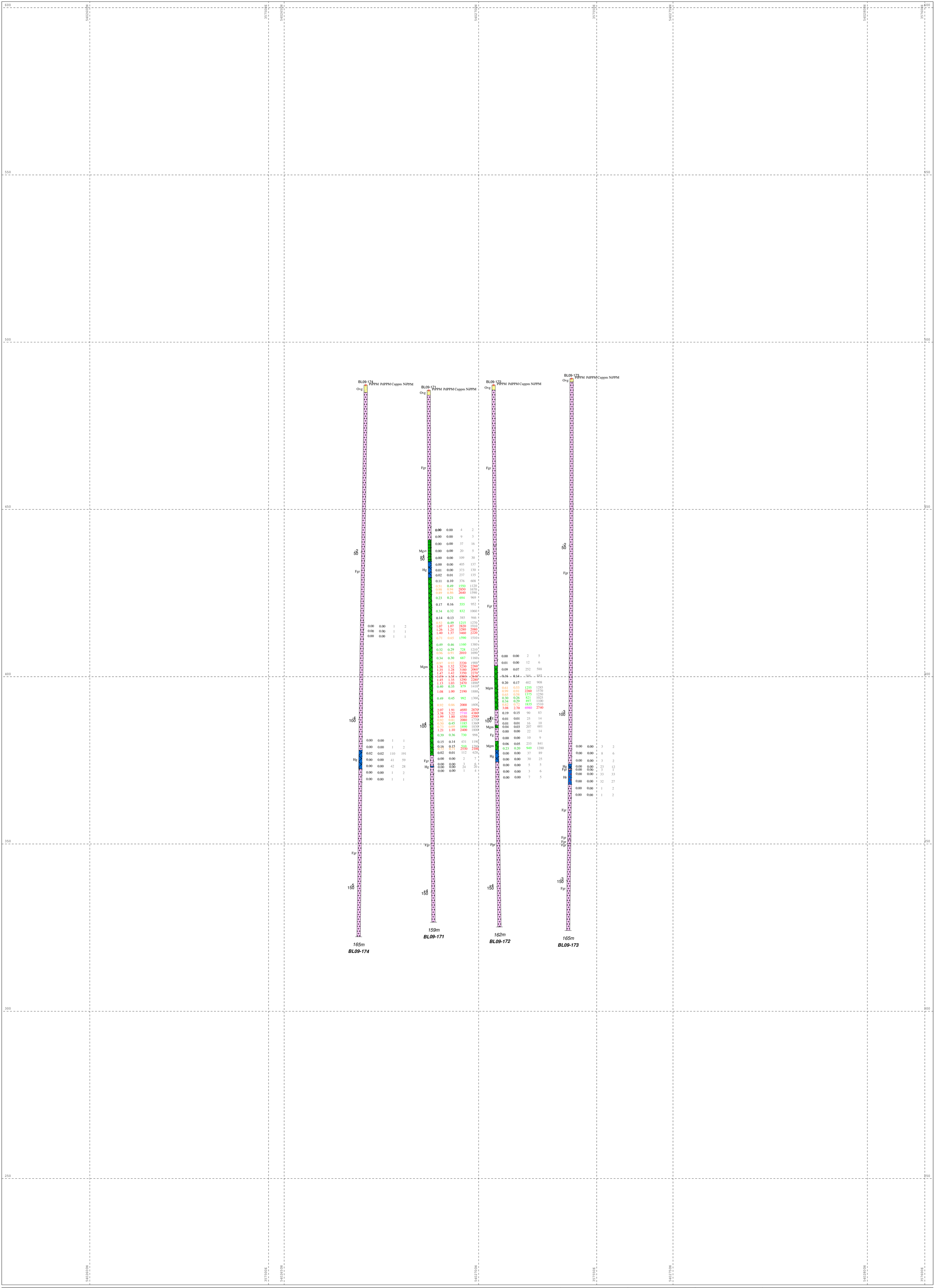
Ultramafic Rocks
Pyroxenite
Peridotite
Interfingered Mafic/Felsic
Interfingered Felsic/Mafic
Mixed Intrusion Breccia

Vein
No sample void
Core lost

Scale	Create Date	SHEET
1:500	02/02/10	1 of 1
	Plot Date	FILE
	02/02/10	BL_Gap4

0 40 80m

TBN Project
Beaver Lake Prospect
BL_Gap4
Transform
Grid: NAD83 Zone16



Lithology

- Overburden, water
- Overburden glacial
- Overburden mud
- Sedimentary rocks
- Siltstone/Sandstone
- Sedimentary gneiss
- Schist
- Breccia
- Granite - undivided
- Felsic breccia
- Alkali feldspar granite
- Monzonite
- Granite
- Granodiorite
- Hybrid red
- Hybrid grey
- Mafic rocks
- Gabbro
- Gabbro - Leucocratic
- Gabbro - Melanocratic
- Gabbro - Noritic
- Gabbro - VariTextured
- Troctolite
- Diabase
- Ultramafic Rocks
- Pyroxenite
- Peridotite
- Interfingered Mafic/Felsic
- Interfingered Felsic/Mafic
- Mixed Intrusion Breccia
- Vein
- No sample void

Scale	Create Date	SHEET
1:500	01/02/10	1 of 1
	Plot Date	FILE
	01/02/10	BL_Gap4+50W

0 25 50m

TBN Project
Beaver Lake Prospect

BL_Gap4+50W
Transform
Grid: NAD83 Zone16

Appendix 1

Diamond Drill Logs

Hole Number: BL09-100

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 05/05/2009
End Date: 06/05/2009

Magma Metals (Canada) Ltd.

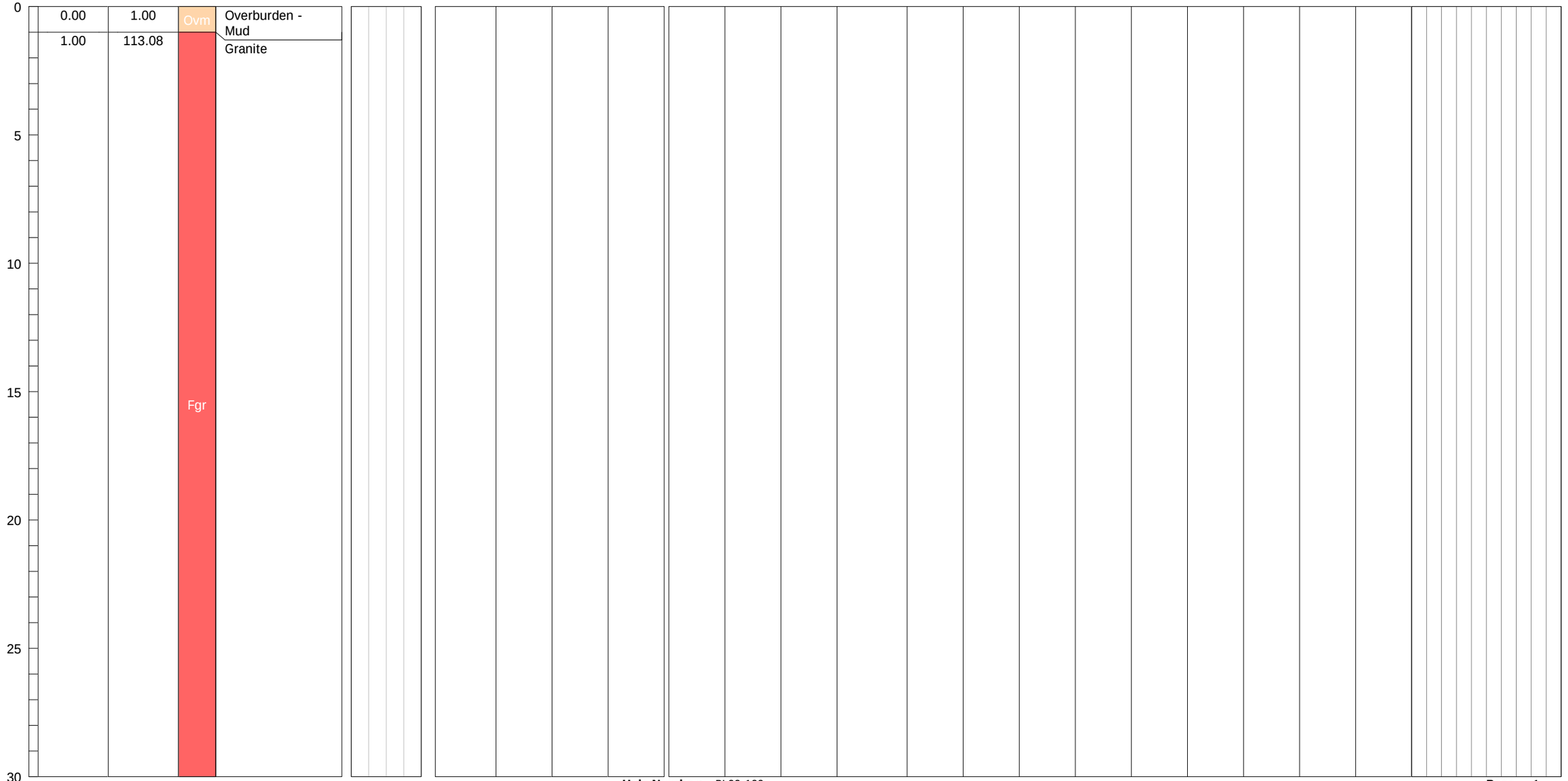
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.52
Easting: 357584.04
Elevation: 489.04

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology From m	To m	Code	Rock description
0.00	1.00	Ovm	Overburden - Mud
1.00	113.08	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-100

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 05/05/2009
End Date: 06/05/2009

Magma Metals (Canada) Ltd.

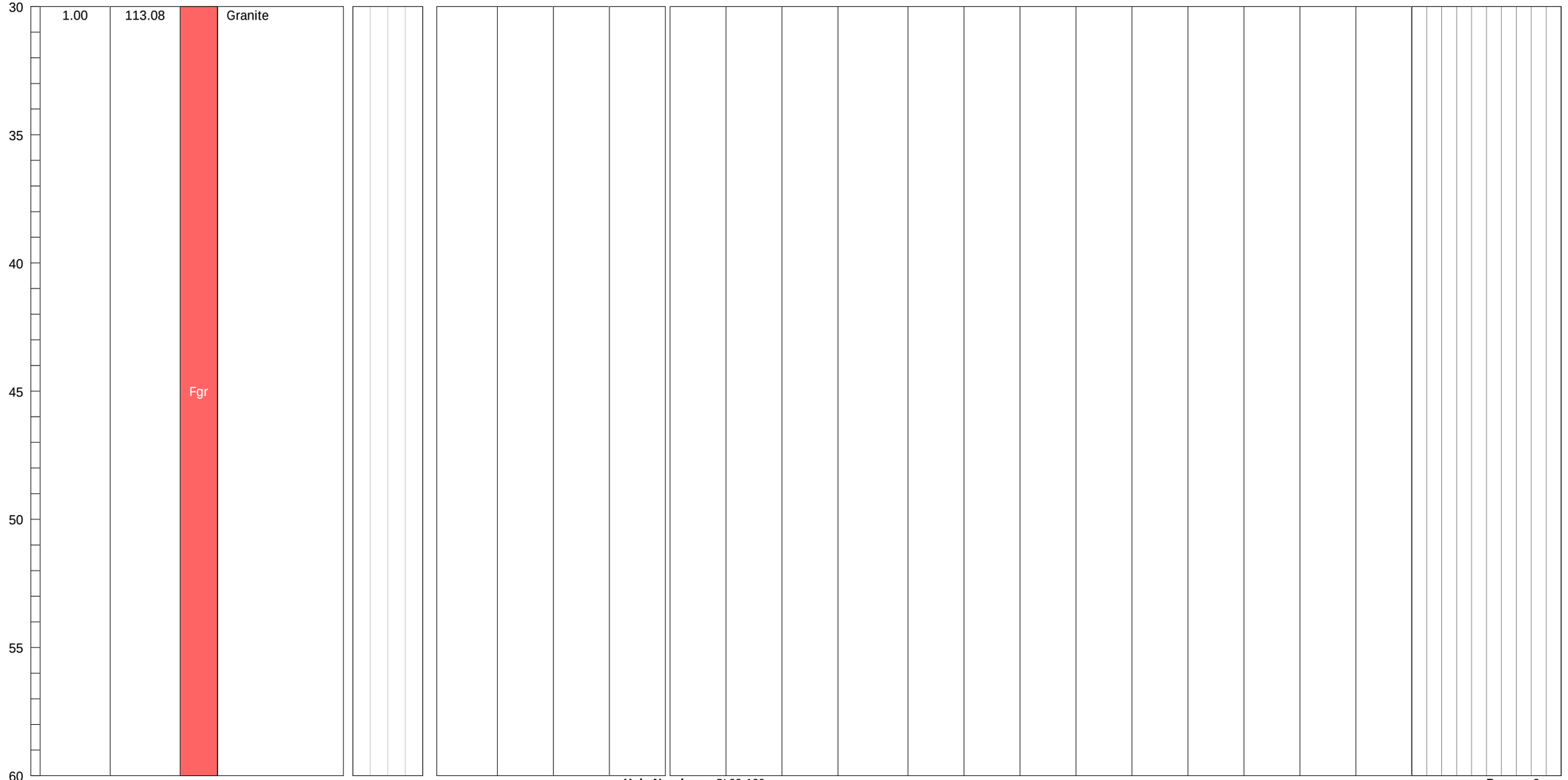
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.52
Easting: 357584.04
Elevation: 489.04

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample				Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.00	113.08	Fgr	Granite																			



Hole Number: BL09-100

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 05/05/2009
End Date: 06/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.52
Easting: 357584.04
Elevation: 489.04

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.00	113.08	Fgr	Granite																		

Hole Number: BL09-100

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 05/05/2009
End Date: 06/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.52
Easting: 357584.04
Elevation: 489.04

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology From m	To m	Code	Rock description
1.00	113.08	Fgr	Granite
113.08	113.20	Hg	Hybrid Grey
113.20	114.75	Fgr	Granite
114.75	114.80	Hg	Hybrid Grey
114.80	114.92	Fgr	Granite - Undifferentiated
114.92	115.02	Hg	Hybrid Grey
115.02	120.56	Hg	Hybrid Grey

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
2.0			

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
109.08	111.08	2.00	H740433	0.0003	0.001	2	1	0.001	0.250	3	2	6
111.08	113.08	2.00	H740434	0.0003	0.001	1	3	0.001	0.250	3	2	7
113.08	114.92	1.84	H740435	0.0003	0.001	5	4	0.001	0.250	3	6	8
114.92	116.92	2.00	H740436	0.0007	0.001	32	41	0.002	0.250	3	54	41
116.92	118.92	2.00	H740437	0.0006	0.001	19	29	0.001	0.250	6	48	12
118.92	120.68	1.76	H740438	0.0012	0.001	52	63	0.002	0.250	5	71	66

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-100

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 05/05/2009
End Date: 06/05/2009

Magma Metals (Canada) Ltd.

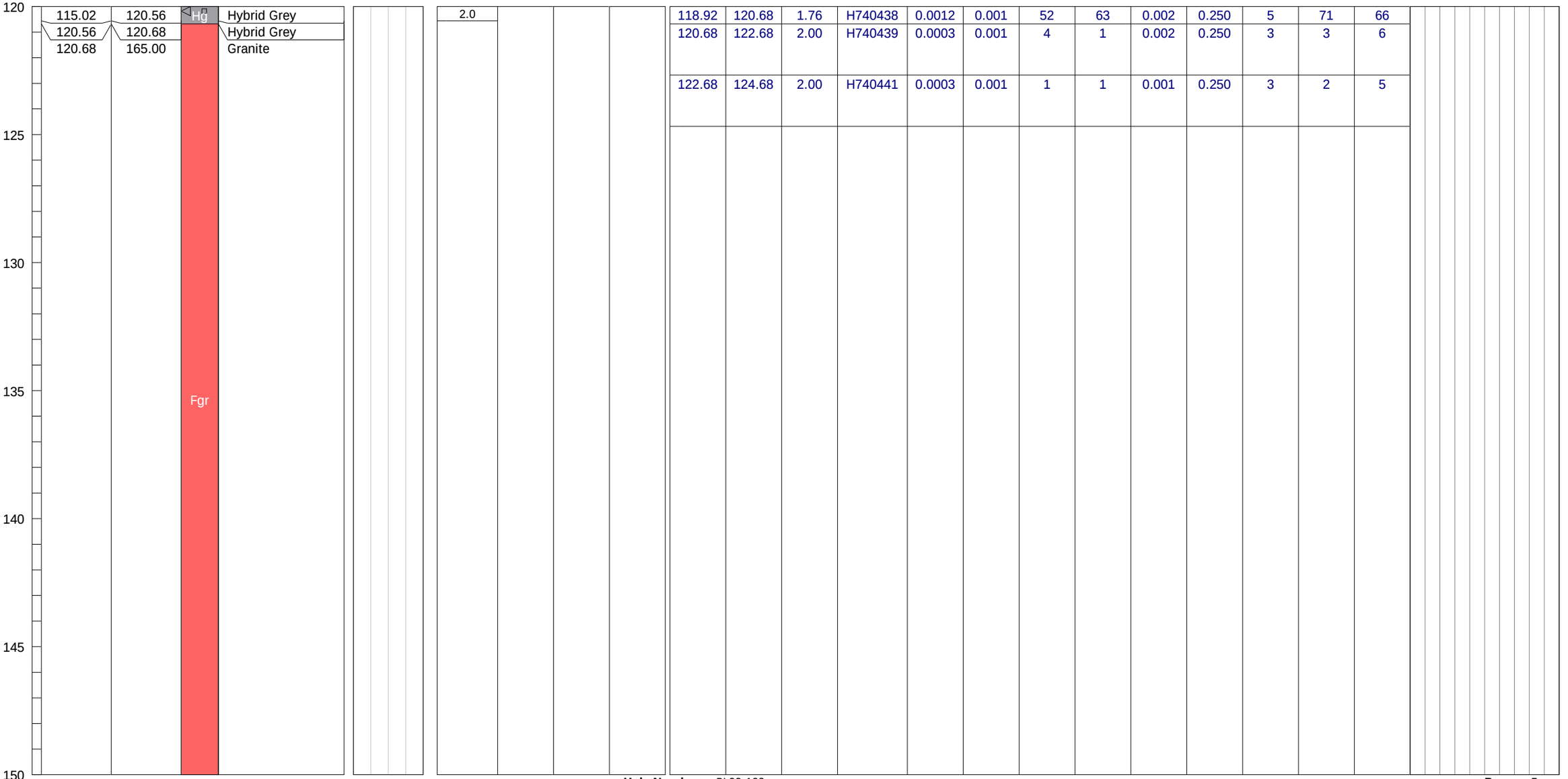
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.52
Easting: 357584.04
Elevation: 489.04

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology From m	To m	Code	Rock description
115.02	120.56	Hg	Hybrid Grey
120.56	120.68		Hybrid Grey
120.68	165.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
118.92	120.68	1.76	H740438	0.0012	0.001	52	63	0.002	0.250	5	71	66
120.68	122.68	2.00	H740439	0.0003	0.001	4	1	0.002	0.250	3	3	6
122.68	124.68	2.00	H740441	0.0003	0.001	1	1	0.001	0.250	3	2	5

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-100

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 05/05/2009
End Date: 06/05/2009

Magma Metals (Canada) Ltd.

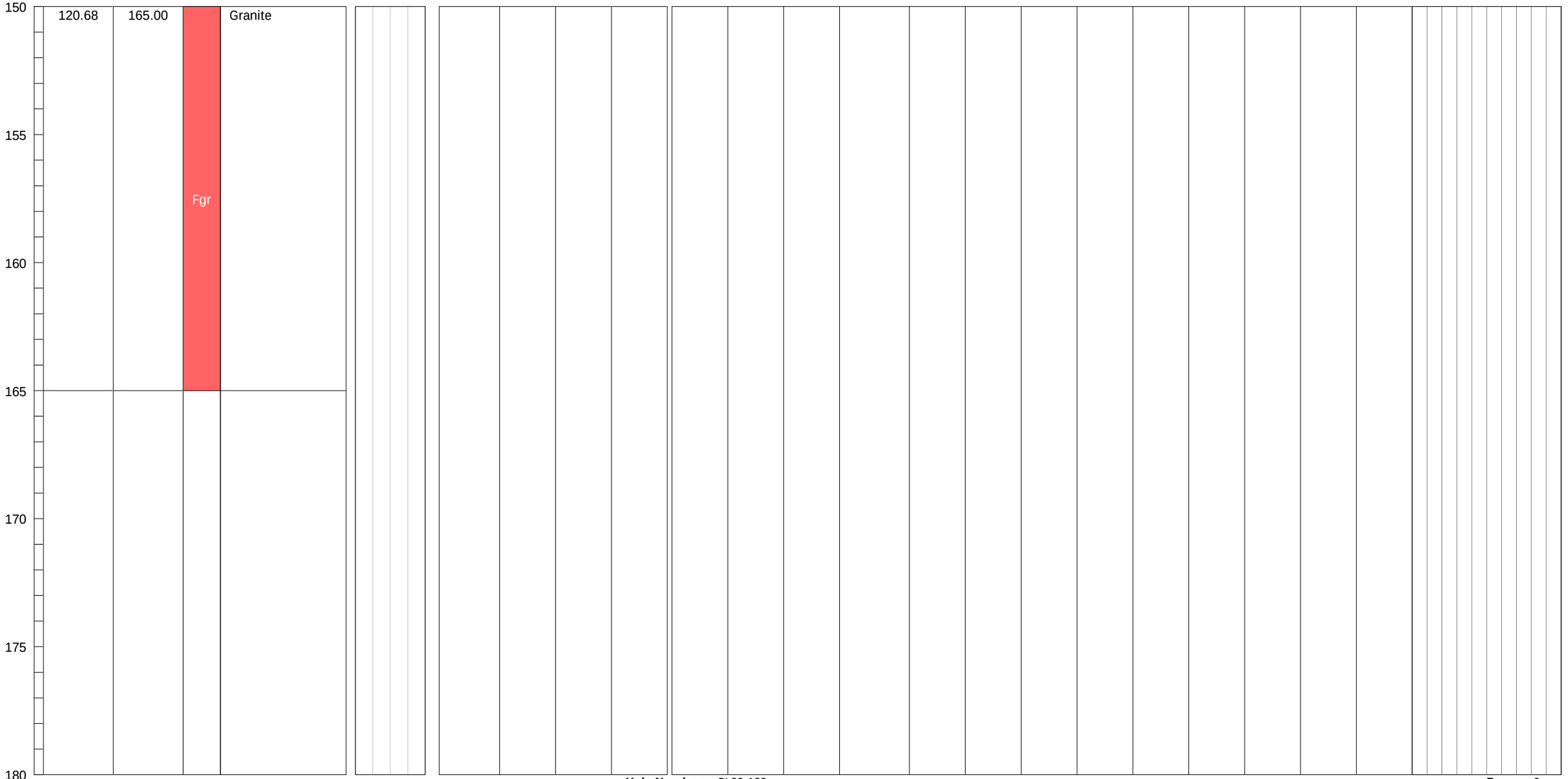
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.52
Easting: 357584.04
Elevation: 489.04

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
120.68	165.00	Fgr	Granite																		



Hole Number: BL09-101

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 06/05/2009
End Date: 08/05/2009

Magma Metals (Canada) Ltd.

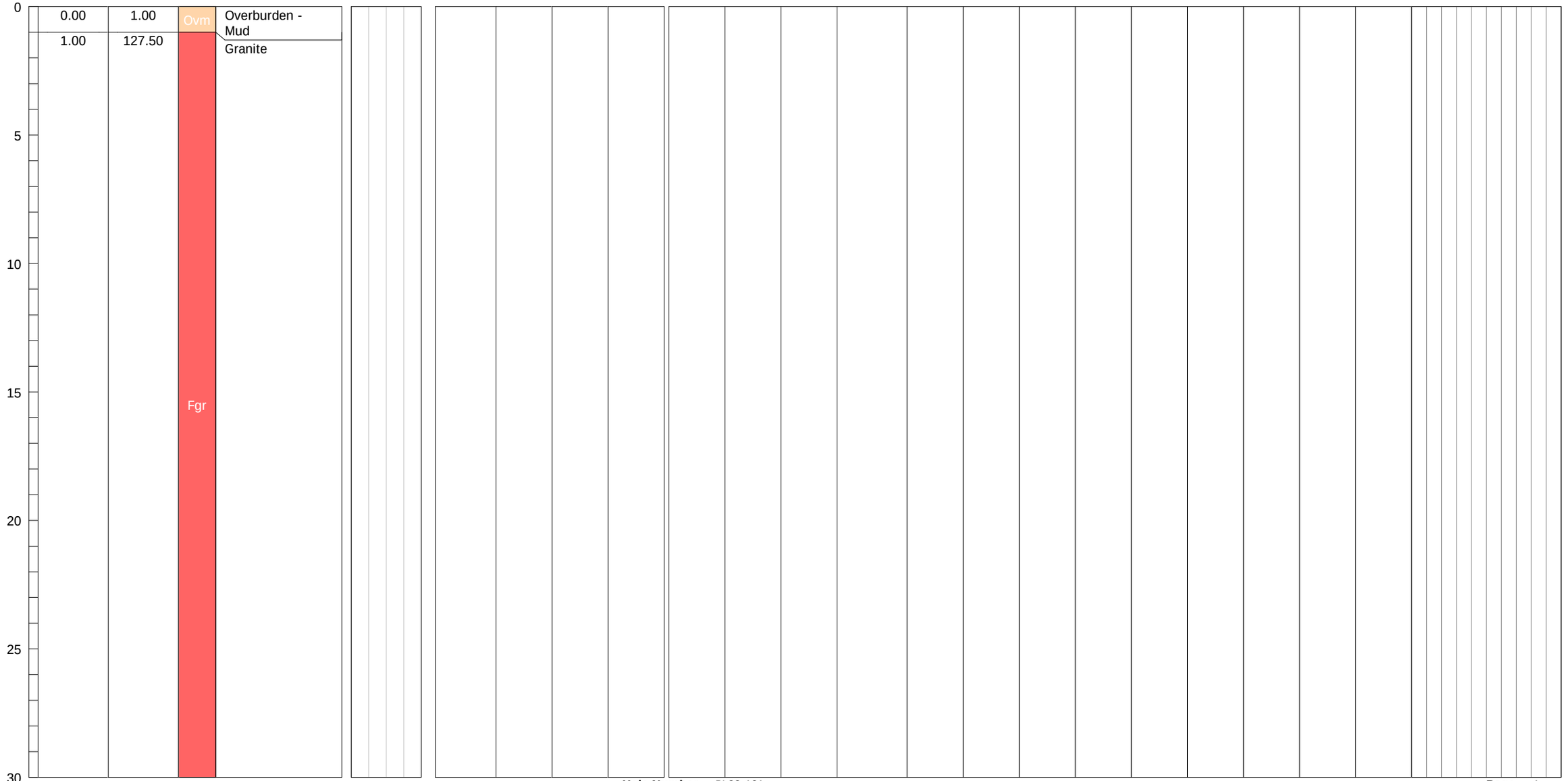
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402622.02
Easting: 357542.99
Elevation: 498.79

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
0.00	1.00	Ovm	Overburden - Mud
1.00	127.50	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-101

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 06/05/2009
End Date: 08/05/2009

Magma Metals (Canada) Ltd.

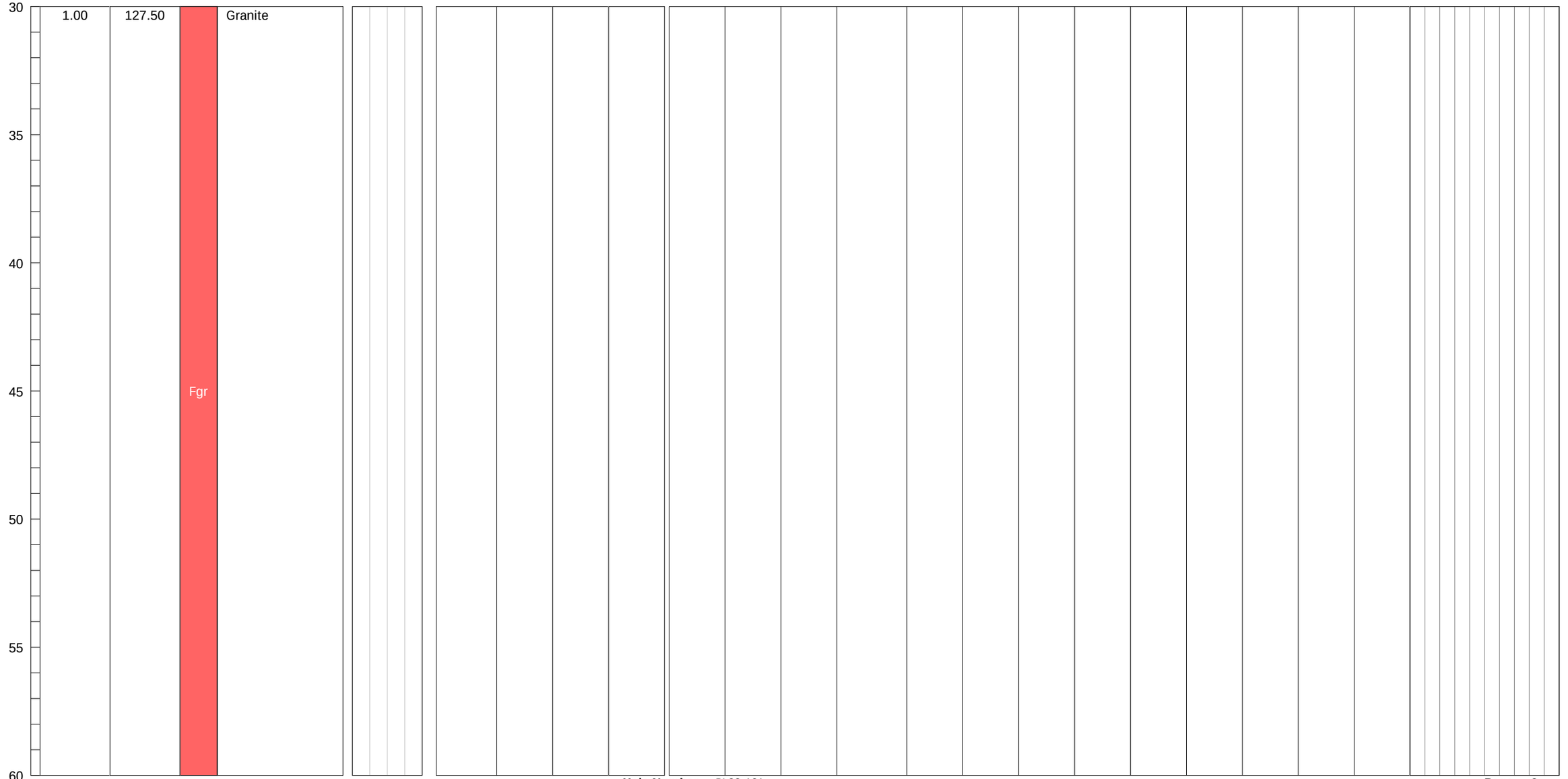
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402622.02
Easting: 357542.99
Elevation: 498.79

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
1.00	127.50	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-101

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 06/05/2009
End Date: 08/05/2009

Magma Metals (Canada) Ltd.

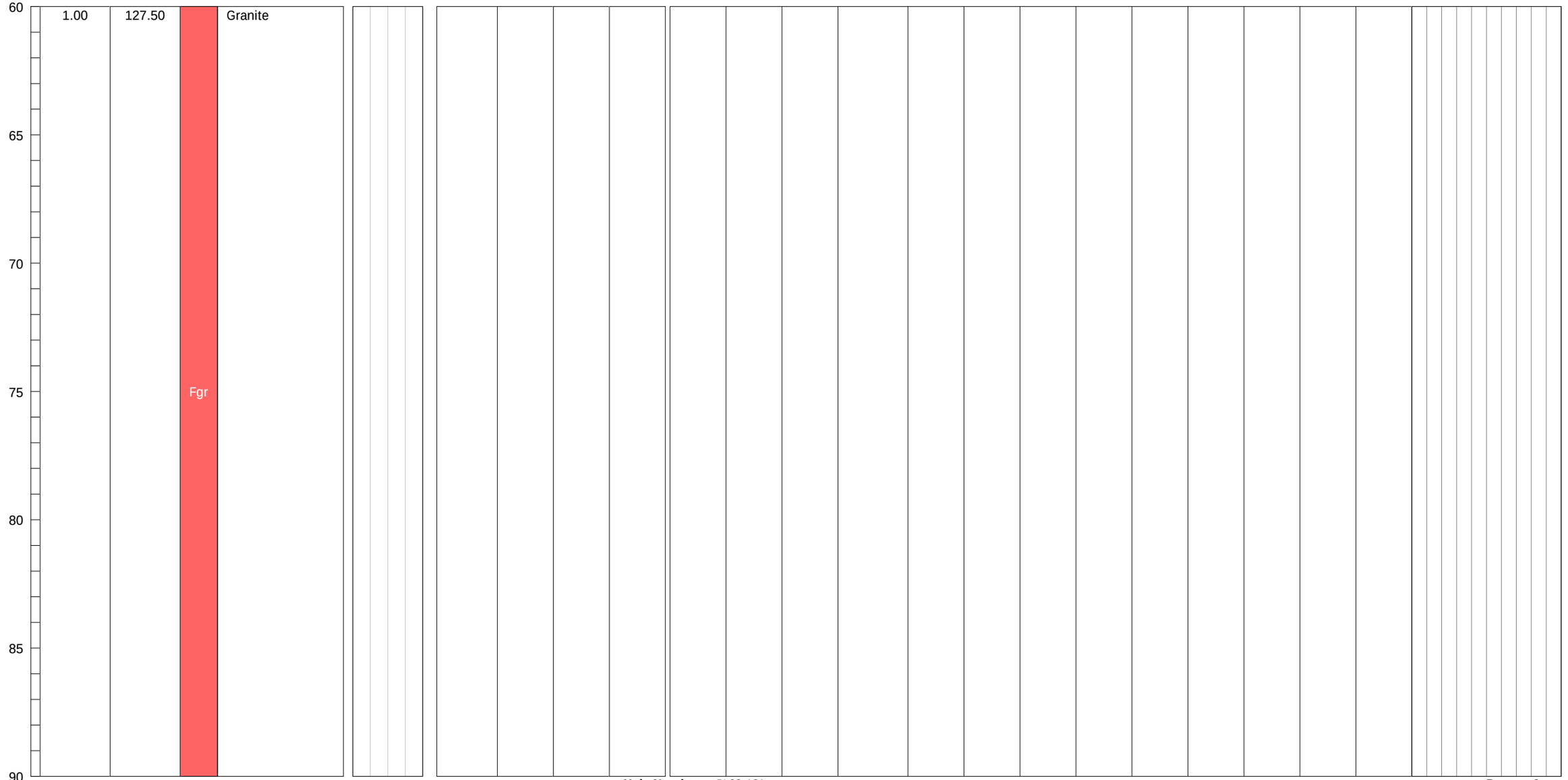
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402622.02
Easting: 357542.99
Elevation: 498.79

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
1.00	127.50	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-101

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 06/05/2009
End Date: 08/05/2009

Magma Metals (Canada) Ltd.

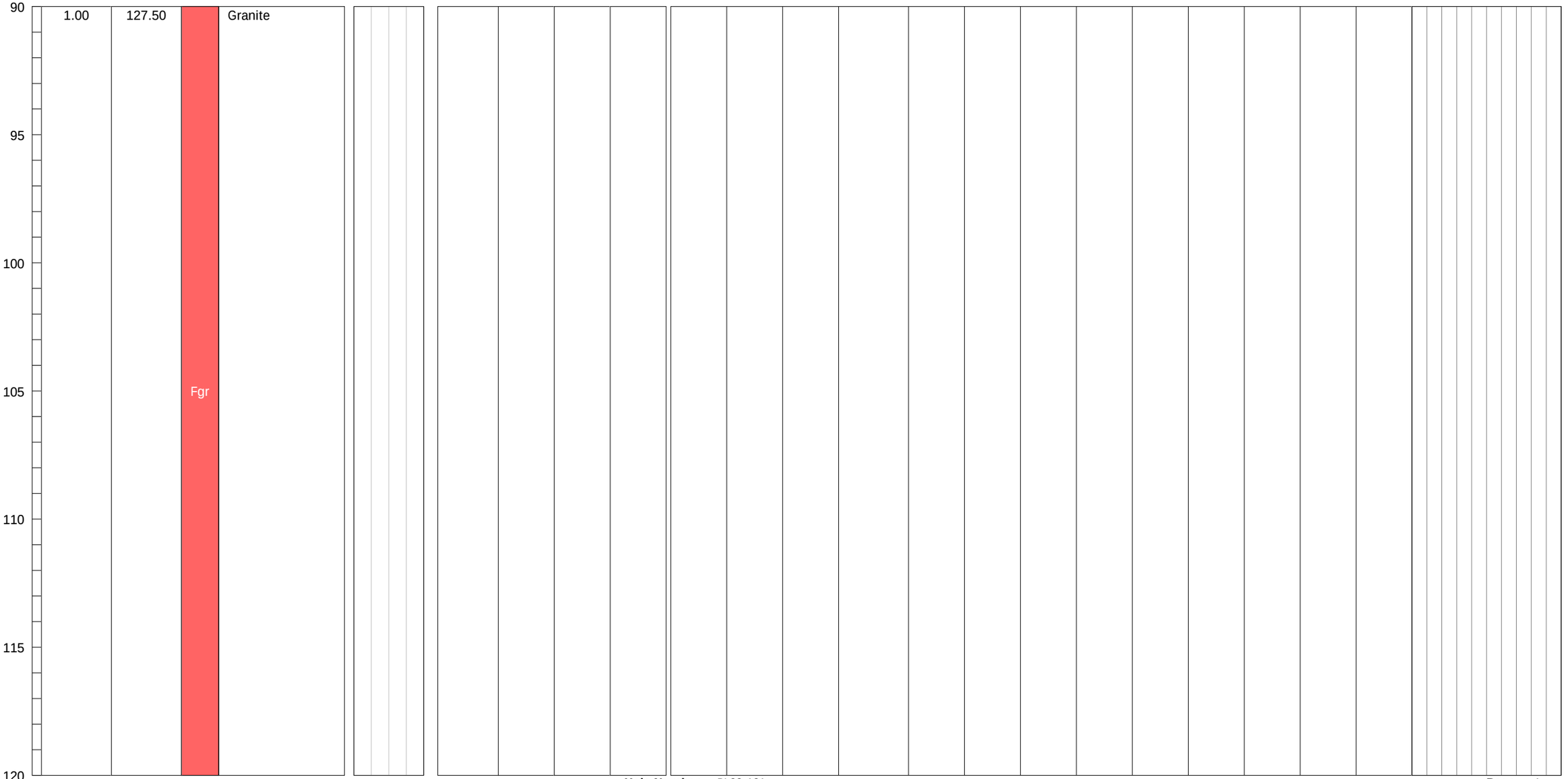
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402622.02
Easting: 357542.99
Elevation: 498.79

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
1.00	127.50	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-101

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 06/05/2009
End Date: 08/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402622.02
Easting: 357542.99
Elevation: 498.79

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
1.00	127.50	Fgr	Granite
127.50	128.10		Granite -
128.10	128.25	Hg	Undifferentiated
128.25	128.66		Hybrid Grey
128.66	129.75		Hybrid Grey
129.75	131.95		Hybrid Grey
			Hybrid Grey
131.95	132.55	Hr	Hybrid Classic
132.55	133.25	Hg	Red
133.25	133.55		Hybrid Grey
133.55	138.40		Hybrid Grey
		Fgr	Granite
138.40	138.55	Hg	Hybrid Grey
138.55	183.00	Fgr	Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
124.10	126.10	2.00	H740442	0.0008	0.001	6	8	0.002	0.250	3	2	9
126.10	128.10	2.00	H740443	0.0007	0.001	5	4	0.002	0.250	3	2	10
128.10	130.00	1.90	H740444	0.0007	0.001	22	28	0.002	0.800	10	45	12
130.00	132.00	2.00	H740445	0.0008	0.001	36	60	0.002	1.100	20	69	74
132.00	133.55	1.55	H740446	0.0008	0.001	25	19	0.002	0.800	12	39	17
133.55	135.55	2.00	H740447	0.0015	0.001	8	19	0.003	0.250	3	4	46
135.55	137.55	2.00	H740448	0.0007	0.001	2	2	0.003	0.250	3	1	11
137.55	138.55	1.00	H740449	0.0003	0.001	2	3	0.002	0.250	3	5	10
138.55	140.55	2.00	H740451	0.0006	0.001	4	5	0.002	0.250	3	1	15

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-101

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 06/05/2009
End Date: 08/05/2009

Magma Metals (Canada) Ltd.

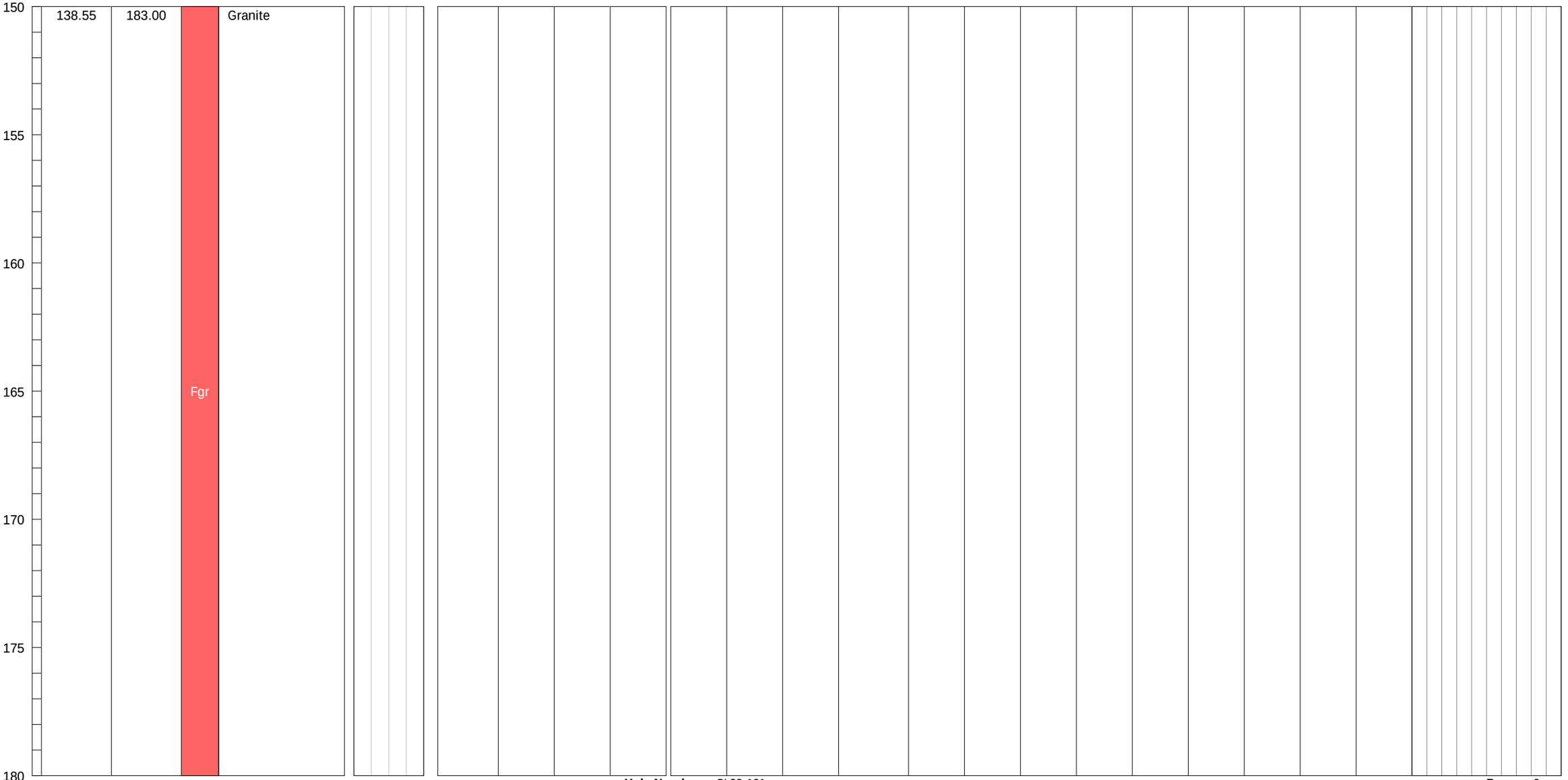
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402622.02
Easting: 357542.99
Elevation: 498.79

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

From m	To m	Code	Rock description
138.55	183.00	Fgr	Granite



Hole Number: BL09-101

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 06/05/2009
End Date: 08/05/2009

Magma Metals (Canada) Ltd.

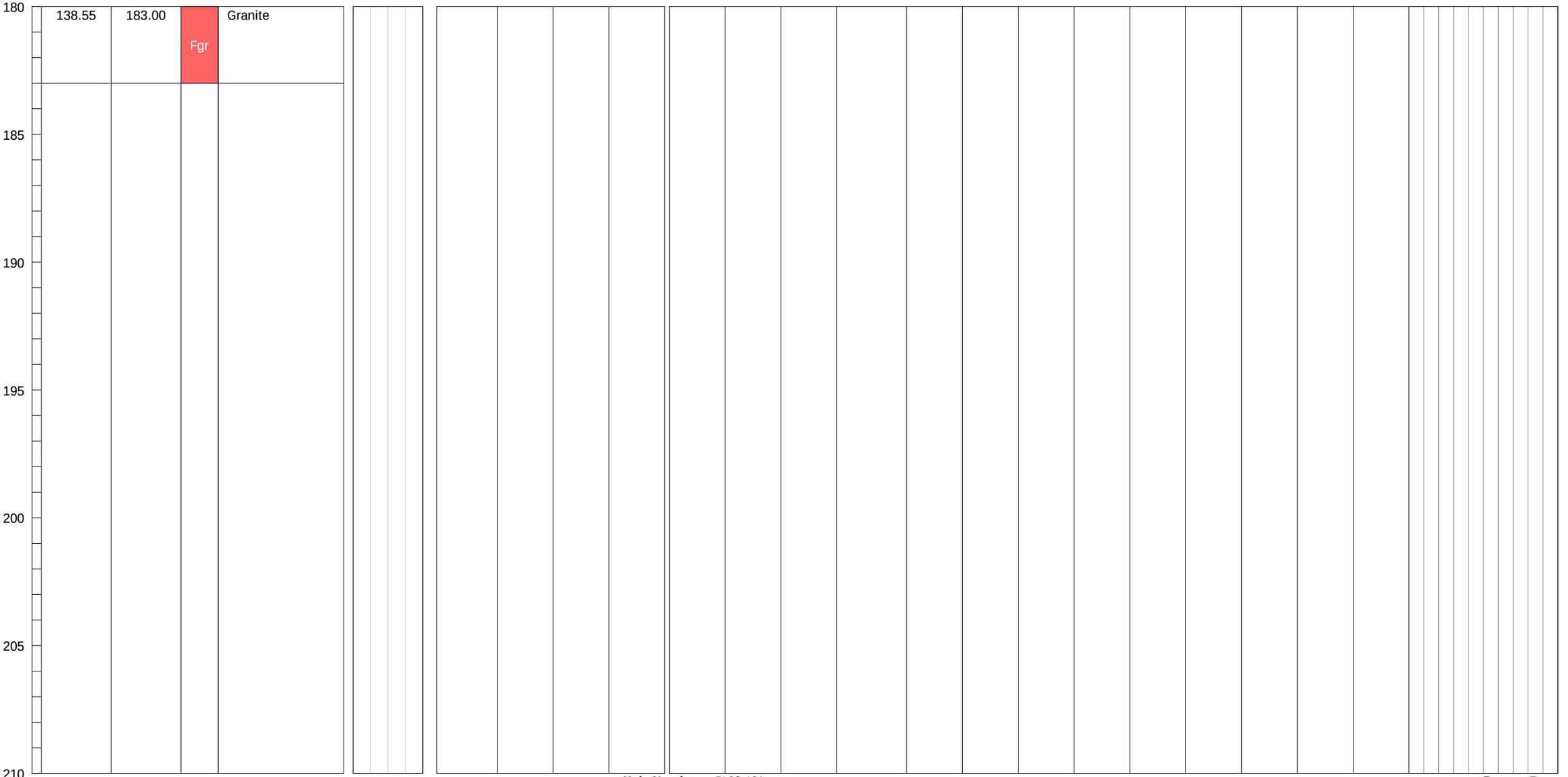
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402622.02
Easting: 357542.99
Elevation: 498.79

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
138.55	183.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-102

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 08/05/2009
End Date: 09/05/2009

Magma Metals (Canada) Ltd.

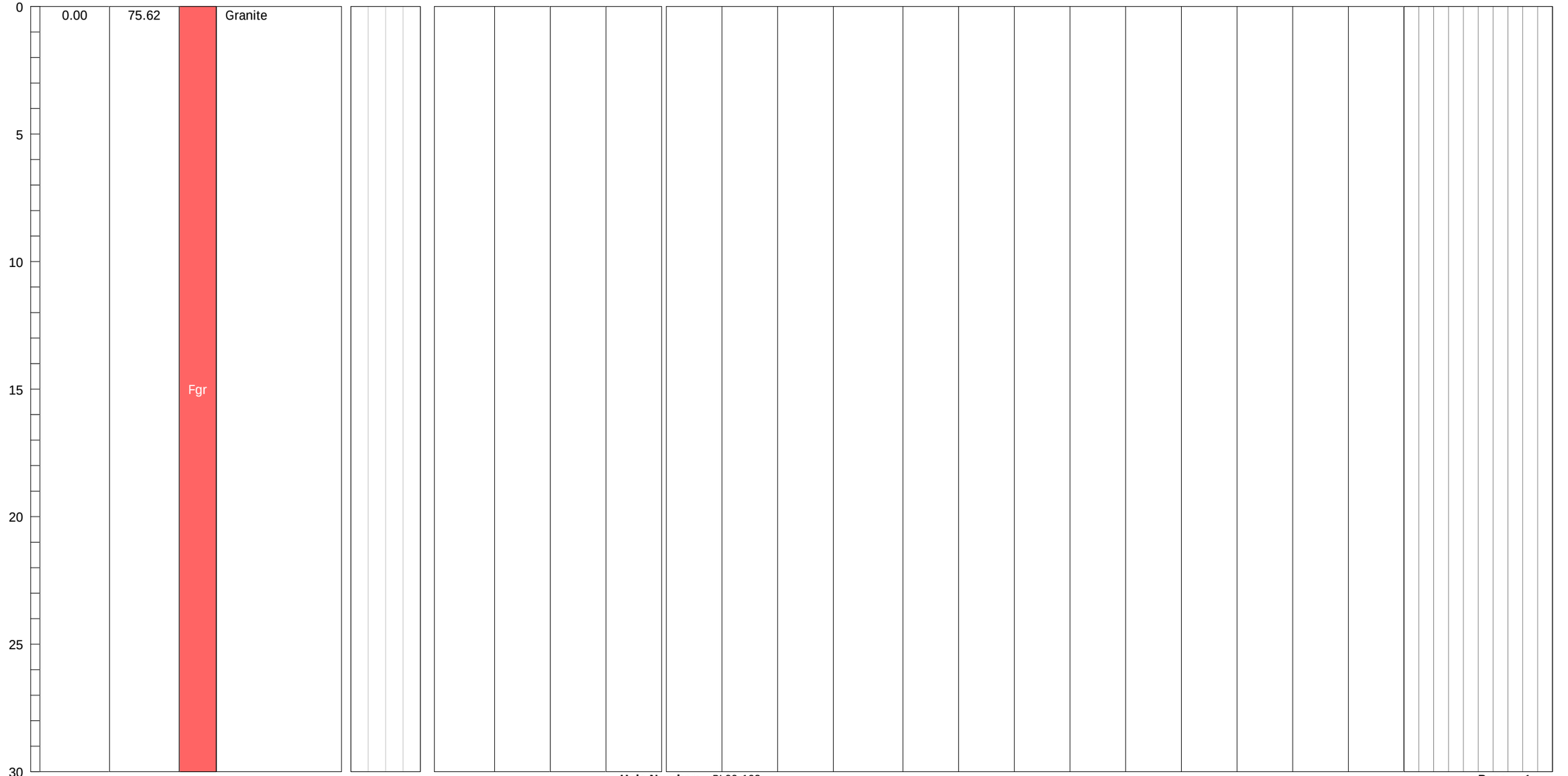
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402642.54
Easting: 357551.45
Elevation: 498.13

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 171.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	75.62	Fgr	Granite																			



Hole Number: BL09-102

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 08/05/2009
End Date: 09/05/2009

Magma Metals (Canada) Ltd.

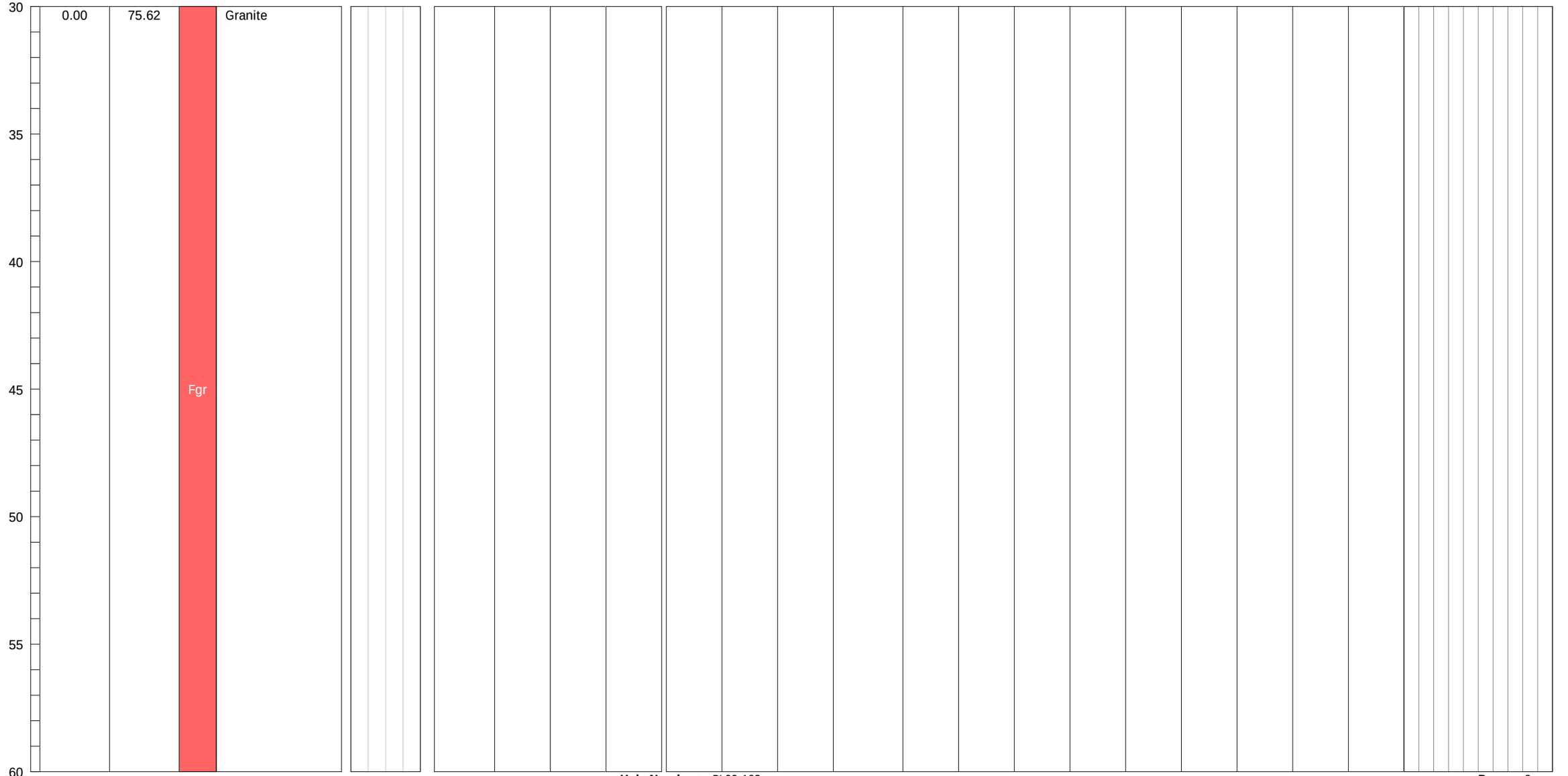
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402642.54
Easting: 357551.45
Elevation: 498.13

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 171.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	75.62	Fgr	Granite																			



Hole Number: BL09-102

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 08/05/2009
End Date: 09/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402642.54
Easting: 357551.45
Elevation: 498.13

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 171.00

Lithology From m	To m	Code	Rock description
0.00	75.62	Fgr	Granite
75.62	80.50		Granite - Undifferentiated
80.50	81.50	Hg	Hybrid Grey
81.50	85.50	Fg	Granite - Undifferentiated
85.50	88.00	Upd	Peridotite
88.00	90.80	Fgr	Granite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
2.5	0.5	2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
76.50	78.50	2.00	H740452	0.0006	0.001	4	6	0.002	0.250	7	1	17
78.50	80.50	2.00	H740453	0.0006	0.001	23	14	0.001	0.250	13	5	25
80.50	81.50	1.00	H740454	0.0308	0.033	238	350	0.005	1.000	41	59	732
81.50	83.50	2.00	H740455	0.0116	0.010	145	69	0.003	0.500	26	15	58
83.50	85.50	2.00	H740456	0.0064	0.007	46	41	0.003	0.600	17	9	48
85.50	86.75	1.25	H740457	0.1295	0.131	470	558	0.011	0.900	27	82	968
86.75	88.00	1.25	H740458	0.0349	0.031	244	427	0.005	0.700	10	75	962
88.00	89.40	1.40	H740459	0.0043	0.006	15	15	0.002	0.250	8	3	20
89.40	90.80	1.40	H740461	0.0928	0.091	87	19	0.006	1.000	3	3	18

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-102

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 08/05/2009
End Date: 09/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402642.54
Easting: 357551.45
Elevation: 498.13

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 171.00

From m	To m	Code	Rock description
88.00	90.80	Fgr	Granite
90.80	109.25	Upd	Peridotite
109.25	113.20	Mgm	Gabbro - Melanocratic
113.20	121.00	Upd	Peridotite

From m	To m	Sulphide %	Cpy %	Po %	Py %
90.80	92.00	1.5	0.5	1.0	
92.00	93.00	9.0	2.0	7.0	
93.00	94.00	3.9	0.9	3.0	
94.00	99.00	0.5		0.5	
109.25	110.00	3.9	0.9	3.0	
110.00	113.00	1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
89.40	90.80	1.40	H740461	0.0928	0.091	87	19	0.006	1.000	3	3	18
90.80	92.00	1.20	H740462	0.0769	0.069	273	474	0.007	0.700	13	71	994
92.00	93.00	1.00	H740463	0.1265	0.120	228	634	0.009	0.500	3	85	1420
93.00	94.00	1.00	H740464	0.1100	0.103	275	728	0.009	0.700	3	90	1530
94.00	95.00	1.00	H740465	0.8690	0.875	1790	1490	0.042	1.400	10	121	1630
95.00	96.00	1.00	H740466	0.6250	0.609	1200	1090	0.034	1.400	38	101	1670
96.00	97.00	1.00	H740467	0.5400	0.540	1150	1080	0.035	1.300	15	98	1870
97.00	98.00	1.00	H740468	0.8900	0.845	1710	1340	0.056	2.000	5	114	1670
98.00	99.00	1.00	H740469	1.1100	1.030	2220	1590	0.070	2.100	6	125	1750
99.00	100.00	1.00	H740471	0.2240	0.208	473	926	0.018	0.500	17	100	1940
100.00	101.00	1.00	H740472	0.2170	0.203	396	1020	0.014	0.250	3	105	2200
101.00	102.00	1.00	H740473	0.2260	0.213	424	1110	0.015	0.250	3	111	2370
102.00	103.00	1.00	H740474	0.1955	0.180	423	1130	0.014	0.500	6	111	2450
103.00	104.00	1.00	H740475	0.1085	0.095	263	1080	0.009	0.250	11	110	2640
104.00	105.00	1.00	H740476	0.0970	0.089	209	1090	0.007	0.250	28	109	2750
105.00	106.00	1.00	H740477	0.1175	0.107	277	1130	0.009	0.250	3	111	2850
106.00	107.00	1.00	H740478	0.1835	0.165	295	1140	0.013	0.250	31	109	2920
107.00	108.00	1.00	H740479	0.1250	0.115	290	1180	0.009	0.250	19	115	3120
108.00	109.00	1.00	H740481	0.1825	0.163	402	1210	0.013	0.250	3	115	2990
109.00	110.00	1.00	H740482	0.4710	0.431	947	1420	0.028	0.900	50	121	2680
110.00	111.00	1.00	H740483	0.2220	0.203	445	1170	0.015	0.250	16	111	2500
111.00	112.00	1.00	H740484	0.1450	0.124	269	1060	0.012	0.250	3	107	2250
112.00	113.00	1.00	H740485	0.1915	0.173	382	1050	0.015	0.500	3	107	2210
113.00	114.00	1.00	H740486	1.1100	1.030	2640	2030	0.070	1.600	5	142	2160
114.00	115.00	1.00	H740487	0.6160	0.593	1310	1230	0.040	1.100	17	113	2260
115.00	116.00	1.00	H740488	0.5000	0.501	1160	1020	0.035	0.900	5	101	1950
116.00	117.00	1.00	H740489	0.1770	0.189	560	853	0.015	0.250	3	92	1730
117.00	118.00	1.00	H740491	0.2310	0.238	715	1100	0.017	0.500	10	109	2060
118.00	119.00	1.00	H740492	0.1385	0.133	387	1020	0.012	0.250	3	105	2030
119.00	120.00	1.00	H740493	0.0639	0.060	206	991	0.006	0.250	3	108	1880

Hole Number: BL09-102

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 08/05/2009
End Date: 09/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402642.54
Easting: 357551.45
Elevation: 498.13

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 171.00

Lithology From m	To m	Code	Rock description
113.20	121.00	Upd	Peridotite
121.00	125.00	Hg	Hybrid Grey
125.00	125.28		Hybrid Grey
125.28	171.00	Fgr	Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.00	121.00	1.00	H740494	0.0662	0.061	246	700	0.007	0.250	3	106	1660
121.00	123.00	2.00	H740495	0.0057	0.005	53	88	0.003	0.250	3	64	94
123.00	124.00	1.00	H740496	0.0009	0.001	36	66	0.001	0.250	3	64	70
124.00	125.28	1.28	H740497	0.0010	0.001	35	16	0.002	0.250	8	40	15
125.28	127.28	2.00	H740498	0.0006	0.001	1	5	0.001	0.250	3	6	13
127.28	129.28	2.00	H740499	0.0006	0.001	1	2	0.001	0.250	3	1	10

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-102

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 08/05/2009
End Date: 09/05/2009

Magma Metals (Canada) Ltd.

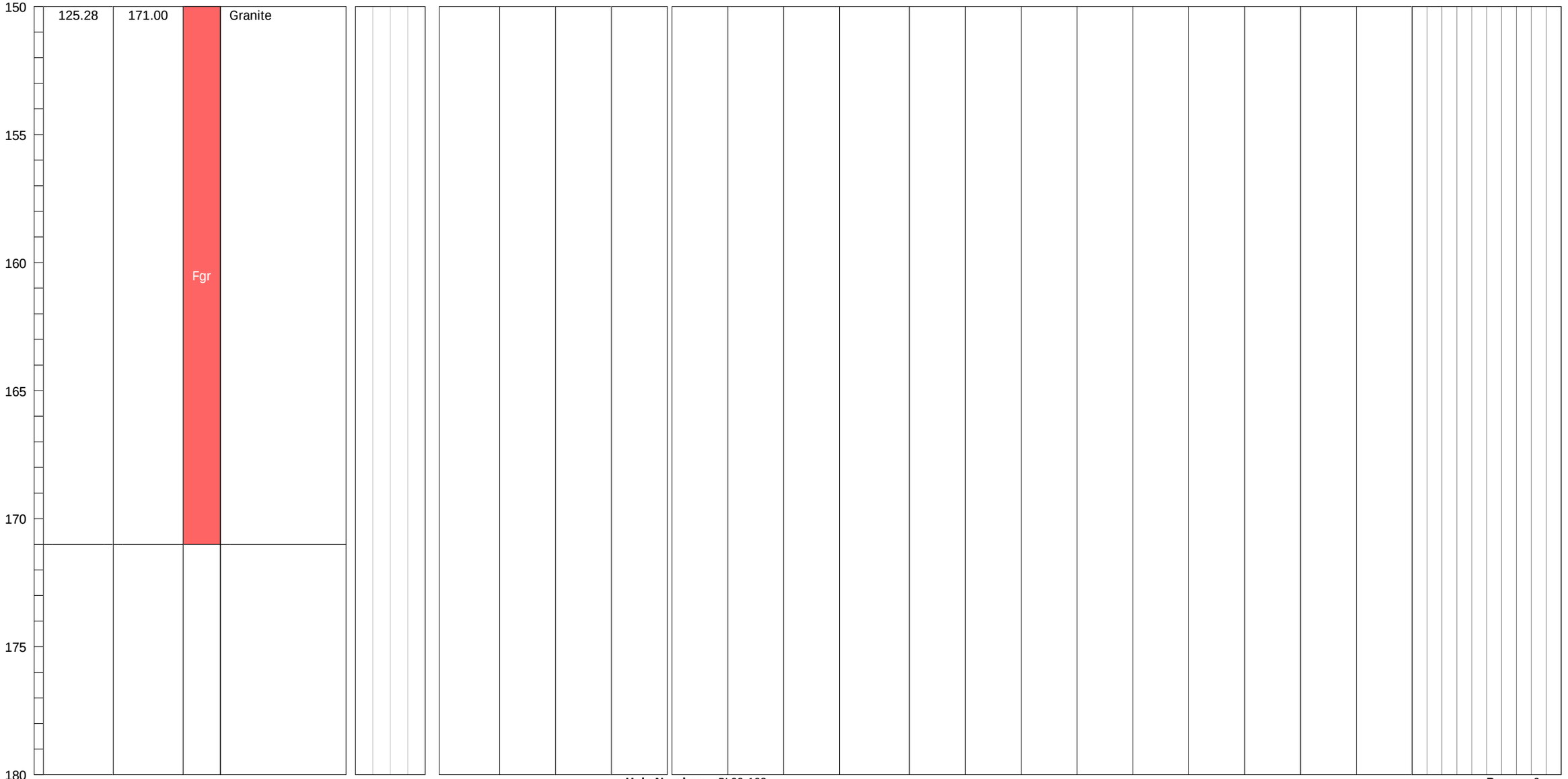
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402642.54
Easting: 357551.45
Elevation: 498.13

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 171.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
125.28	171.00	Fgr	Granite																			



Hole Number: BL09-103

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/05/2009
End Date: 11/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402679.53
Easting: 357571.19
Elevation: 492.58

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 171.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	102.10	Fgr	Granite																		

Hole Number: BL09-103

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/05/2009
End Date: 11/05/2009

Magma Metals (Canada) Ltd.

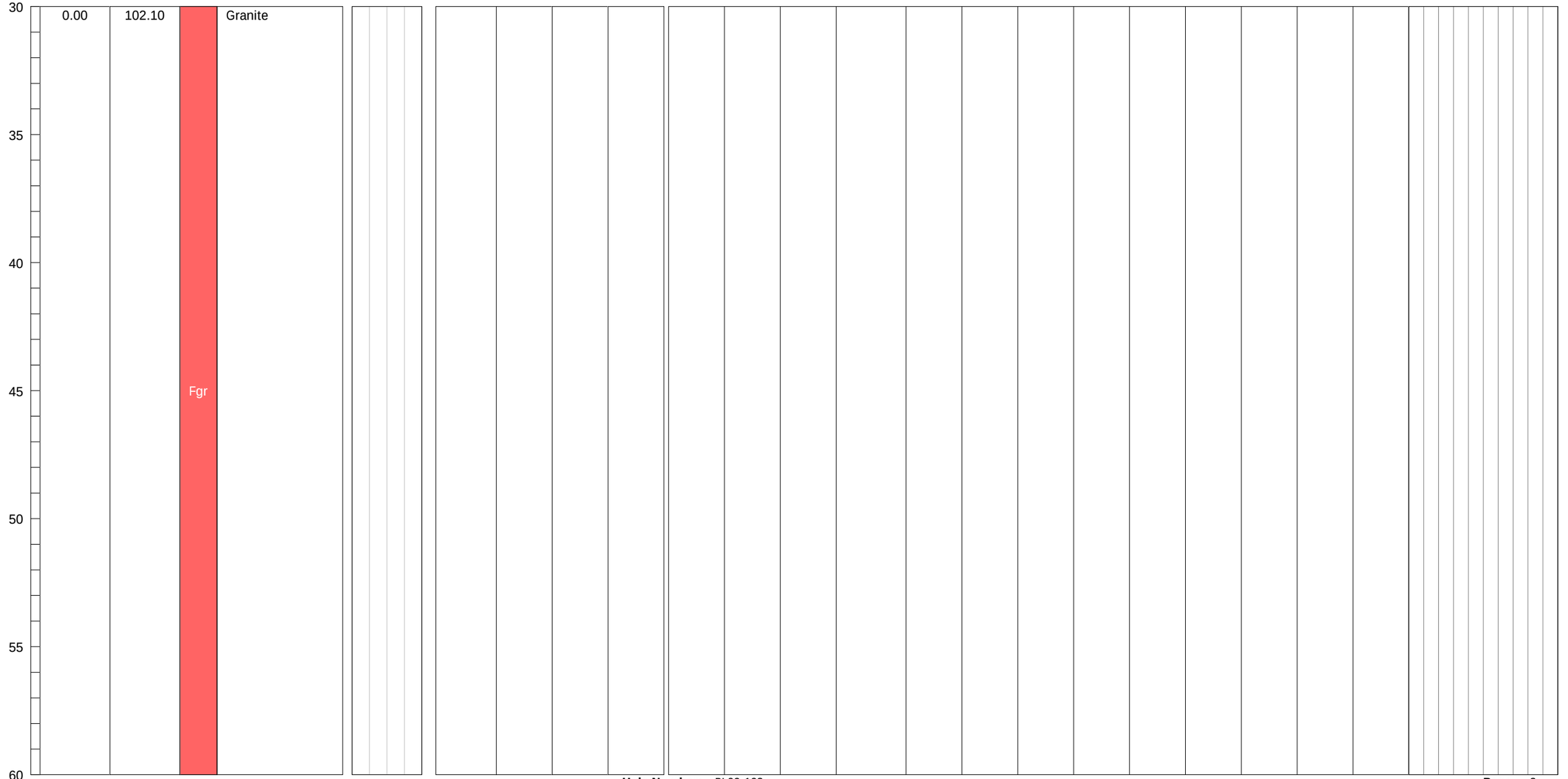
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402679.53
Easting: 357571.19
Elevation: 492.58

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 171.00

Lithology From m	To m	Code	Rock description
0.00	102.10	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-103

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/05/2009
End Date: 11/05/2009

Magma Metals (Canada) Ltd.

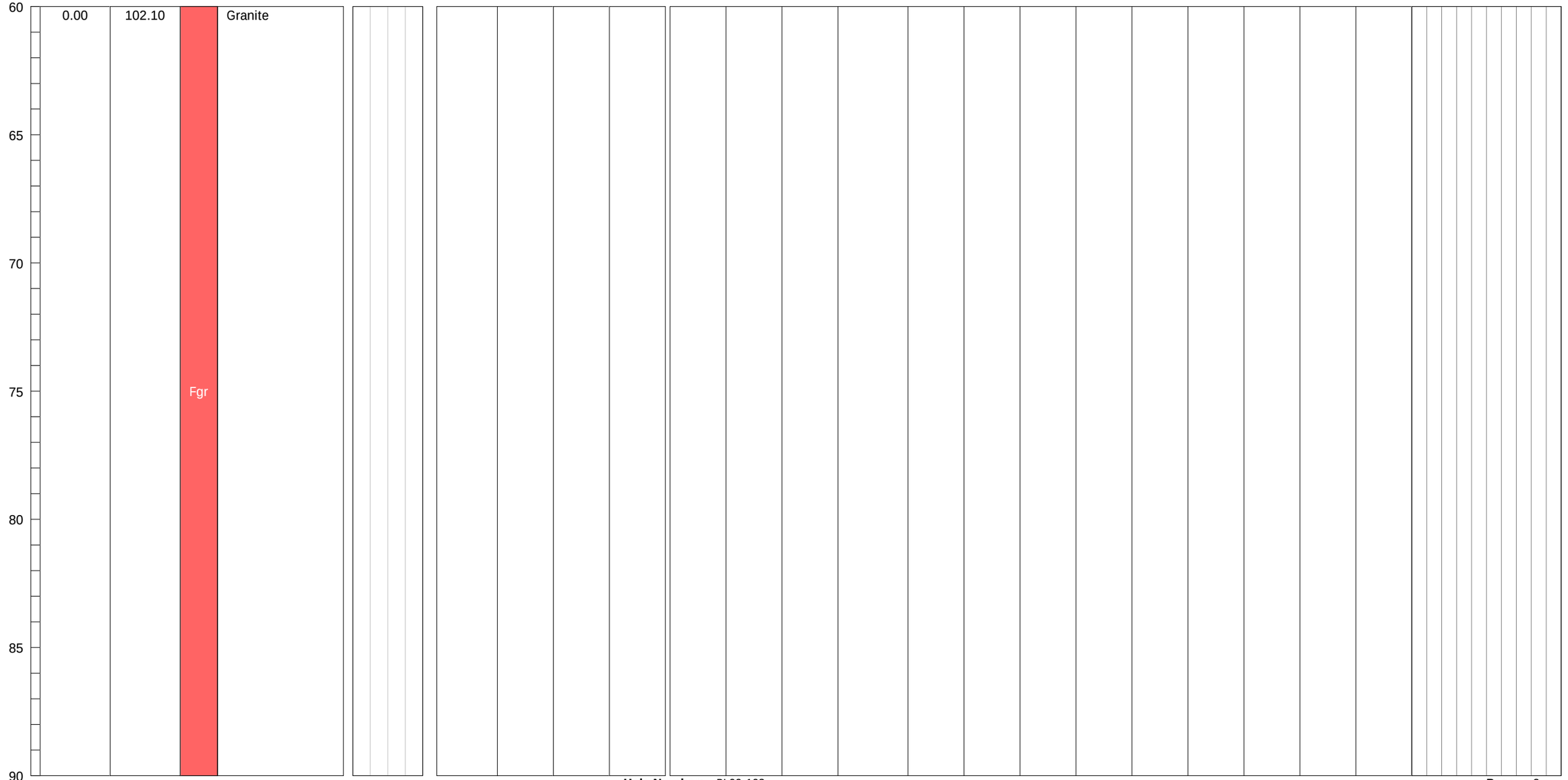
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402679.53
Easting: 357571.19
Elevation: 492.58

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 171.00

Lithology From m	To m	Code	Rock description
0.00	102.10	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-103

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/05/2009
End Date: 11/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402679.53
Easting: 357571.19
Elevation: 492.58

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 171.00

Lithology From m	To m	Code	Rock description
0.00	102.10	Fgr	Granite
102.10	102.35	Hg	Hybrid Grey
102.35	119.79	Upd	Peridotite
119.79	121.25	Hg	Hybrid Grey

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	
2.5	0.5	2.0	
6.0	1.0	5.0	
1.5	0.5	1.0	
6.0	1.0	5.0	
1.5	0.5	1.0	
2.5	0.5	2.0	
9.0	2.0	7.0	
0.5		0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
97.90	99.90	2.00	H740501	0.0005	0.001	4	4	0.001	0.250	3	2	14
99.90	101.90	2.00	H740502	0.0010	0.001	4	4	0.002	0.250	3	2	9
101.90	102.40	0.50	H740503	0.2870	0.276	748	434	0.015	0.250	10	27	47
102.40	104.25	1.85	H740504	0.0171	0.016	31	21	0.003	0.250	3	3	14
104.25	105.00	0.75	H740505	0.0342	0.029	159	680	0.004	0.500	20	89	1460
105.00	106.00	1.00	H740506	0.0718	0.061	170	546	0.007	0.250	31	66	1280
106.00	107.00	1.00	H740507	0.0778	0.068	280	901	0.007	0.800	20	100	2170
107.00	108.00	1.00	H740508	0.0941	0.082	319	1160	0.008	0.800	11	124	2810
108.00	109.00	1.00	H740509	0.0892	0.089	293	940	0.007	0.700	11	105	2050
109.00	110.00	1.00	H740511	0.2570	0.264	674	1160	0.020	1.200	21	115	2450
110.00	111.00	1.00	H740512	0.1230	0.122	337	1100	0.010	0.900	15	117	2480
111.00	112.00	1.00	H740513	0.7880	0.785	2160	1630	0.054	2.100	13	132	2890
112.00	113.00	1.00	H740514	2.0200	1.690	4620	1650	0.190	5.000	16	126	2800
113.00	114.00	1.00	H740515	0.6810	0.652	1880	1310	0.068	2.300	8	120	3200
114.00	115.00	1.00	H740516	0.0880	0.087	258	1180	0.010	0.900	10	117	3000
115.00	116.00	1.00	H740517	0.1800	0.171	589	1250	0.016	0.800	7	124	2890
116.00	117.00	1.00	H740518	0.1040	0.098	394	1160	0.010	0.900	10	119	2760
117.00	118.00	1.00	H740519	0.2270	0.207	758	1140	0.023	0.900	11	115	2770
118.00	119.00	1.00	H740521	1.8100	1.690	6480	1490	0.280	7.000	9	139	2280
119.00	119.79	0.79	H740522	2.0900	1.660	5520	1130	0.240	6.700	5	119	1570
119.79	121.55	1.76	H740523	0.0080	0.010	96	50	0.003	1.100	13	53	51

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-103

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/05/2009
End Date: 11/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402679.53
Easting: 357571.19
Elevation: 492.58

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 171.00

Lithology From m	To m	Code	Rock description
119.79	121.25	Hg	Hybrid Grey
121.25	121.55	Hg	Hybrid Grey
121.55	171.00	Fgr	Granite

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
119.79	121.55	1.76	H740523	0.0080	0.010	96	50	0.003	1.100	13	53	51
121.55	123.55	2.00	H740524	0.0021	0.004	37	7	0.003	0.250	3	2	18
123.55	125.55	2.00	H740525	0.0011	0.001	8	3	0.002	0.250	6	2	15

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-103

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/05/2009
End Date: 11/05/2009

Magma Metals (Canada) Ltd.

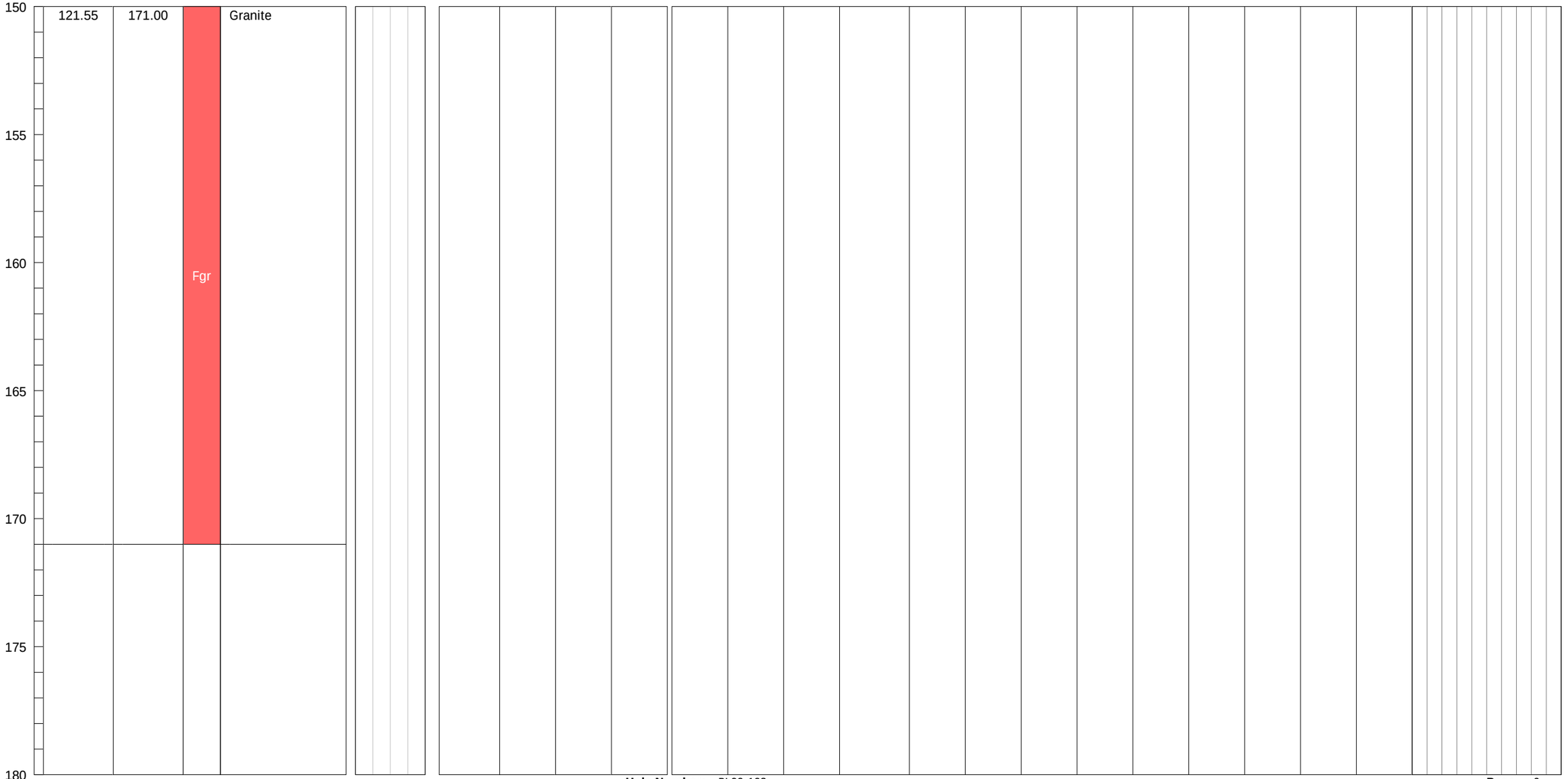
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402679.53
Easting: 357571.19
Elevation: 492.58

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 171.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
121.55	171.00	Fgr	Granite																			



Hole Number: BL09-104

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 11/05/2009
End Date: 13/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402598.84
Easting: 357644.23
Elevation: 495.65

Azimuth: 213.2°
Dip: -89.30°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
0.00	6.45	Fgr	Granite
6.45	13.35	Spt	Siltstone
13.35	32.70	Fgr	Granite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-104

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 11/05/2009
End Date: 13/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402598.84
Easting: 357644.23
Elevation: 495.65

Azimuth: 213.2°
Dip: -89.30°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
13.35	32.70	Fgr	Granite																			
32.70	89.00	Fgr	Alkali feldspar granite																			

30 35 40 45 50 55 60

Hole Number: BL09-104

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 11/05/2009
End Date: 13/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402598.84
Easting: 357644.23
Elevation: 495.65

Azimuth: 213.2°
Dip: -89.30°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
32.70	89.00	Fgr	Alkali feldspar granite
89.00	90.85		Granite - Undifferentiated

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
86.85	88.85	2.00	H740526	0.0003	0.001	1	5	0.001	0.250	3	2	12
88.85	90.85	2.00	H740527	0.0067	0.006	7	7	0.002	0.250	3	3	18

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-104

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 11/05/2009
End Date: 13/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402598.84
Easting: 357644.23
Elevation: 495.65

Azimuth: 213.2°
Dip: -89.30°
Final Depth: 189.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
89.00	90.85	Fgr	Granite - Undifferentiated					
90.85	93.60	Hg	Hybrid Grey					
93.60	96.55	Mgm	Gabbro - Melanocratic		1.5	0.5	1.0	
					6.5	1.5	5.0	
96.55	106.60	Upd	Peridotite		7.5	1.5	5.0	1.0
					5.0	1.0	3.0	1.0
					2.5	0.5	1.0	1.0
					1.1		0.1	1.0
					2.5	0.5	1.0	1.0
					3.9	0.9	2.0	1.0
					7.0	1.0	5.0	1.0
					2.5	0.5	1.0	1.0
106.60	107.00	Fg	Granite - Undifferentiated		9.0	2.0	7.0	
107.00	107.20	Upd	Peridotite		2.5	0.5	2.0	
107.20	139.70	Fg	Granite - Undifferentiated		50.0	10.0	40.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
88.85	90.85	2.00	H740527	0.0067	0.006	7	7	0.002	0.250	3	3	18
90.85	92.20	1.35	H740528	0.0041	0.001	164	68	0.004	0.250	6	43	51
92.20	93.60	1.40	H740529	0.0322	0.018	245	152	0.006	0.250	3	46	537
93.60	95.00	1.40	H740531	0.1260	0.123	397	696	0.011	0.250	34	95	1240
95.00	96.00	1.00	H740532	0.2290	0.244	650	831	0.015	0.250	3	101	1460
96.00	97.00	1.00	H740533	0.0994	0.098	343	840	0.009	0.250	28	102	1630
97.00	98.00	1.00	H740534	0.3260	0.332	938	987	0.021	0.700	51	107	1590
98.00	99.00	1.00	H740535	0.1435	0.146	424	861	0.012	0.250	54	101	1660
99.00	100.00	1.00	H740536	0.1355	0.137	420	830	0.011	0.250	27	101	1640
100.00	101.00	1.00	H740537	0.1290	0.124	397	783	0.010	0.250	29	97	1610
101.00	102.00	1.00	H740538	0.0861	0.080	269	782	0.007	0.250	10	100	1660
102.00	103.00	1.00	H740539	0.5140	0.505	1490	1190	0.030	1.100	58	114	1620
103.00	104.00	1.00	H740541	1.1400	1.110	3010	1630	0.070	3.700	65	134	1540
104.00	105.00	1.00	H740542	0.8820	0.907	2370	1200	0.066	1.100	33	121	1380
105.00	106.00	1.00	H740543	0.2750	0.267	747	702	0.023	1.100	31	96	1220
106.00	106.60	0.60	H740544	1.1500	1.080	3060	1670	0.050	1.500	92	144	818
106.60	107.20	0.60	H740545	1.0900	1.190	3330	1980	0.060	1.800	881	129	50
107.20	109.20	2.00	H740546	0.0071	0.007	15	15	0.005	0.250	7	2	15
109.20	111.20	2.00	H740547	0.0010	0.001	7	8	0.002	0.250	3	2	13

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-104

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 11/05/2009
End Date: 13/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402598.84
Easting: 357644.23
Elevation: 495.65

Azimuth: 213.2°
Dip: -89.30°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
107.20	139.70	Fg	Granite - Undifferentiated
139.70	140.03	Hg	Hybrid Grey
140.03	140.55	Fgg	Alkali feldspar granite
140.55	140.65		
140.65	145.92	Hg	Hybrid Grey
			Hybrid Grey
145.92	146.25		Hybrid Grey
146.25	148.75	Fg	Granite - Undifferentiated
148.75	189.00		Alkali feldspar granite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
135.70	137.70	2.00	H740548	0.0006	0.001	2	8	0.001	0.250	3	2	11
137.70	139.70	2.00	H740549	0.0005	0.001	2	12	0.001	0.250	3	2	10
139.70	140.55	0.85	H740551	0.0006	0.001	13	11	0.002	0.250	3	20	9
140.55	142.45	1.90	H740552	0.0007	0.001	27	41	0.001	0.250	3	44	22
142.45	144.35	1.90	H740553	0.0007	0.001	41	48	0.001	0.250	3	60	44
144.35	146.25	1.90	H740554	0.0005	0.001	25	25	0.001	0.250	7	41	18
146.25	148.25	2.00	H740555	0.0005	0.001	1	4	0.002	0.250	3	2	12
148.25	150.25	2.00	H740556	0.0006	0.001	1	4	0.001	0.250	3	2	12

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-104

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 11/05/2009
End Date: 13/05/2009

Magma Metals (Canada) Ltd.

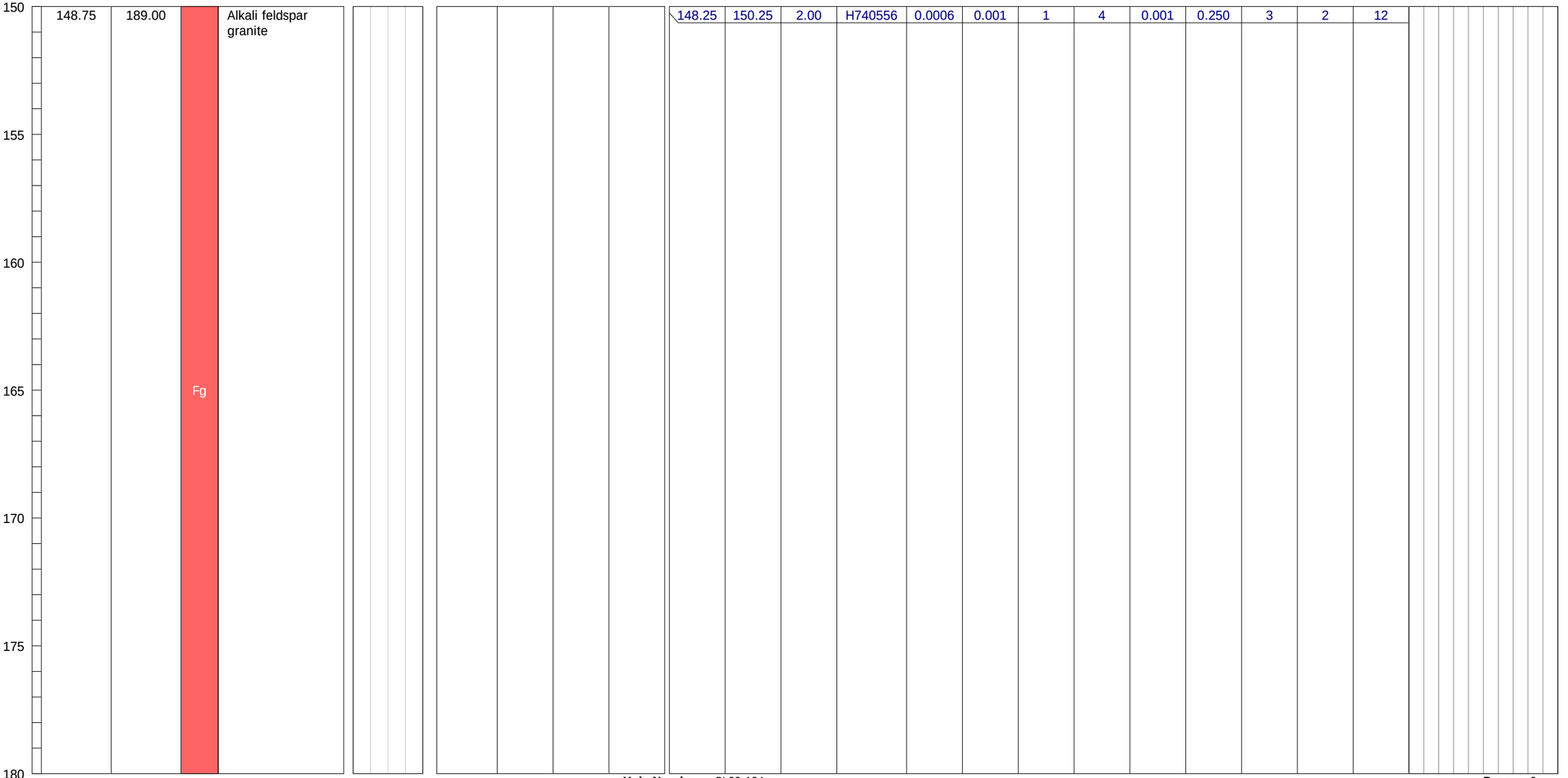
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402598.84
Easting: 357644.23
Elevation: 495.65

Azimuth: 213.2°
Dip: -89.30°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
148.75	189.00	Fg	Alkali feldspar granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
148.25	150.25	2.00	H740556	0.0006	0.001	1	4	0.001	0.250	3	2	12

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-104

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 11/05/2009
End Date: 13/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402598.84
Easting: 357644.23
Elevation: 495.65

Azimuth: 213.2°
Dip: -89.30°
Final Depth: 189.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
148.75	189.00	Fg	Alkali feldspar granite																			

180
185
190
195
200
205
210

Hole Number: BL09-105

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 13/05/2009
End Date: 14/05/2009

Magma Metals (Canada) Ltd.

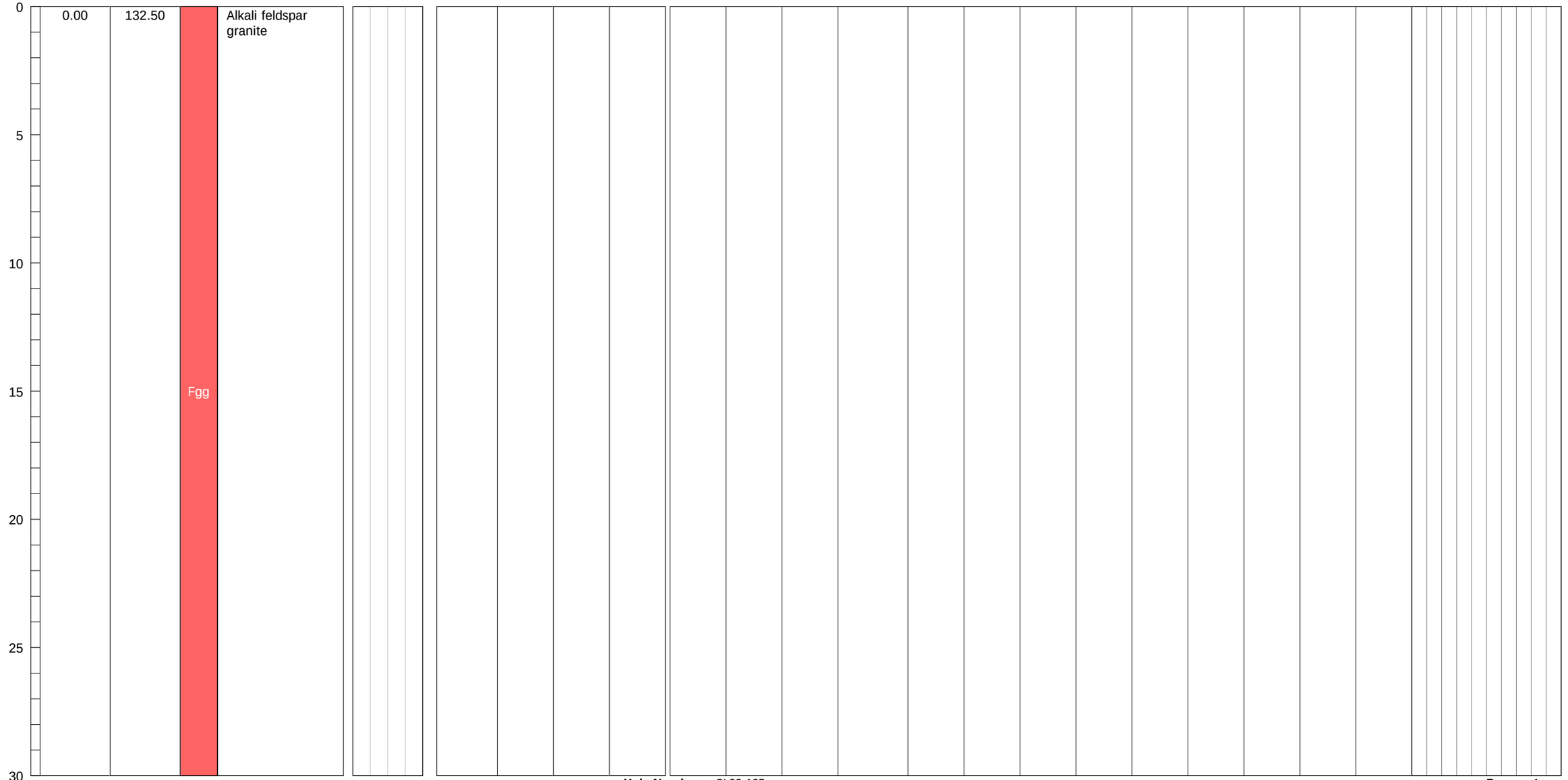
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402637.70
Easting: 357662.00
Elevation: 489.40

Azimuth: 340.9°
Dip: -87.50°
Final Depth: 180.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	132.50	Fgg	Alkali feldspar granite																		



Hole Number: BL09-105

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 13/05/2009
End Date: 14/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402637.70
Easting: 357662.00
Elevation: 489.40

Azimuth: 340.9°
Dip: -87.50°
Final Depth: 180.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample				Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	132.50	Fgg	Alkali feldspar granite																			

Hole Number: BL09-105

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 13/05/2009
End Date: 14/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402637.70
Easting: 357662.00
Elevation: 489.40

Azimuth: 340.9°
Dip: -87.50°
Final Depth: 180.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample				Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	132.50	Fgg	Alkali feldspar granite																			

Hole Number: BL09-105

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 13/05/2009
End Date: 14/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402637.70
Easting: 357662.00
Elevation: 489.40

Azimuth: 340.9°
Dip: -87.50°
Final Depth: 180.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	132.50	Fgg	Alkali feldspar granite																		

90
95
100
105
110
115
120

Hole Number: BL09-105

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 13/05/2009
End Date: 14/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402637.70
Easting: 357662.00
Elevation: 489.40

Azimuth: 340.9°
Dip: -87.50°
Final Depth: 180.00

Lithology From m	To m	Code	Rock description
0.00	132.50	Fgg	Alkali feldspar granite
132.50	132.90	Hg	Hybrid Grey
132.90	133.58	Hg	Hybrid Grey
133.58	134.22	U	Ultramafic - Undifferentiated
134.22	138.25	Hg	Hybrid Grey
138.25	138.50	Hg	Hybrid Grey
138.50	180.00	Fgg	Alkali feldspar granite

Magsus (0, 100, 200)

Sulphide %	Cpy %	Po %	Py %
0.9			0.9

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
128.50	130.50	2.00	H740601	0.0005	0.001	1	1	0.001	0.250	3	2	9
130.50	132.50	2.00	H740602	0.0003	0.001	1	1	0.001	0.250	3	2	7
132.50	134.50	2.00	H740603	0.0012	0.001	22	27	0.001	0.250	8	51	9
134.50	136.50	2.00	H740604	0.0008	0.001	42	57	0.001	0.250	8	71	54
136.50	138.50	2.00	H740605	0.0003	0.001	34	25	0.001	0.250	5	49	21
138.50	140.50	2.00	H740606	0.0003	0.001	1	1	0.002	0.250	3	2	9
140.50	142.50	2.00	H740607	0.0003	0.001	1	1	0.001	0.250	3	2	8

Pt + Pd (ppm) (0, 2, 4, 6, 8, 10)

Hole Number: BL09-105

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 13/05/2009
End Date: 14/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402637.70
Easting: 357662.00
Elevation: 489.40

Azimuth: 340.9°
Dip: -87.50°
Final Depth: 180.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample				Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
138.50	180.00	Fgg	Alkali feldspar granite																			

Hole Number: BL09-105 **Page** 6

Hole Number: BL09-106

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/05/2009
End Date: 16/05/2009

Magma Metals (Canada) Ltd.

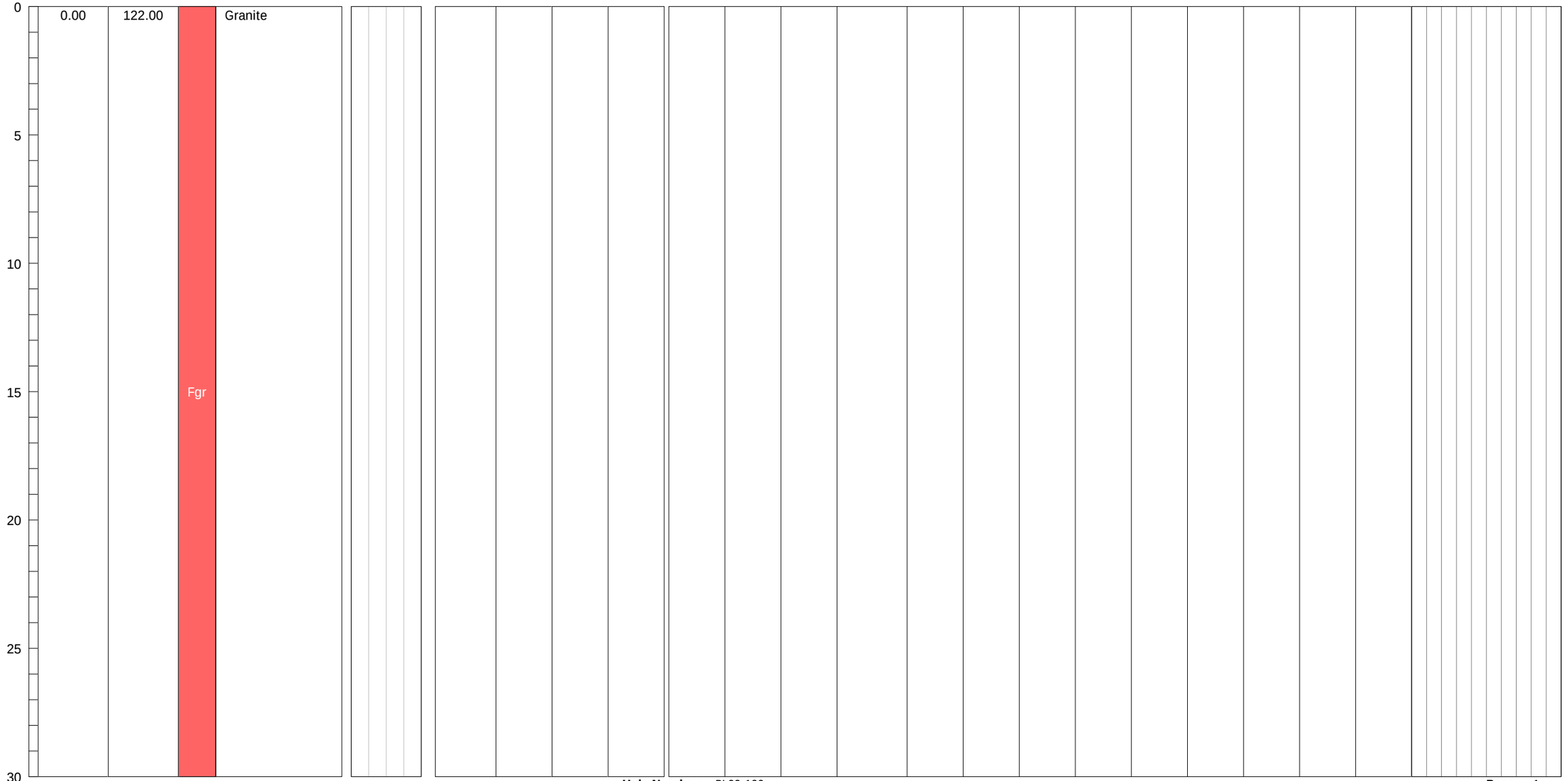
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.21
Easting: 357727.93
Elevation: 502.08

Azimuth: 177.3°
Dip: -88.70°
Final Depth: 189.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	122.00	Fgr	Granite																		



Hole Number: BL09-106

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/05/2009
End Date: 16/05/2009

Magma Metals (Canada) Ltd.

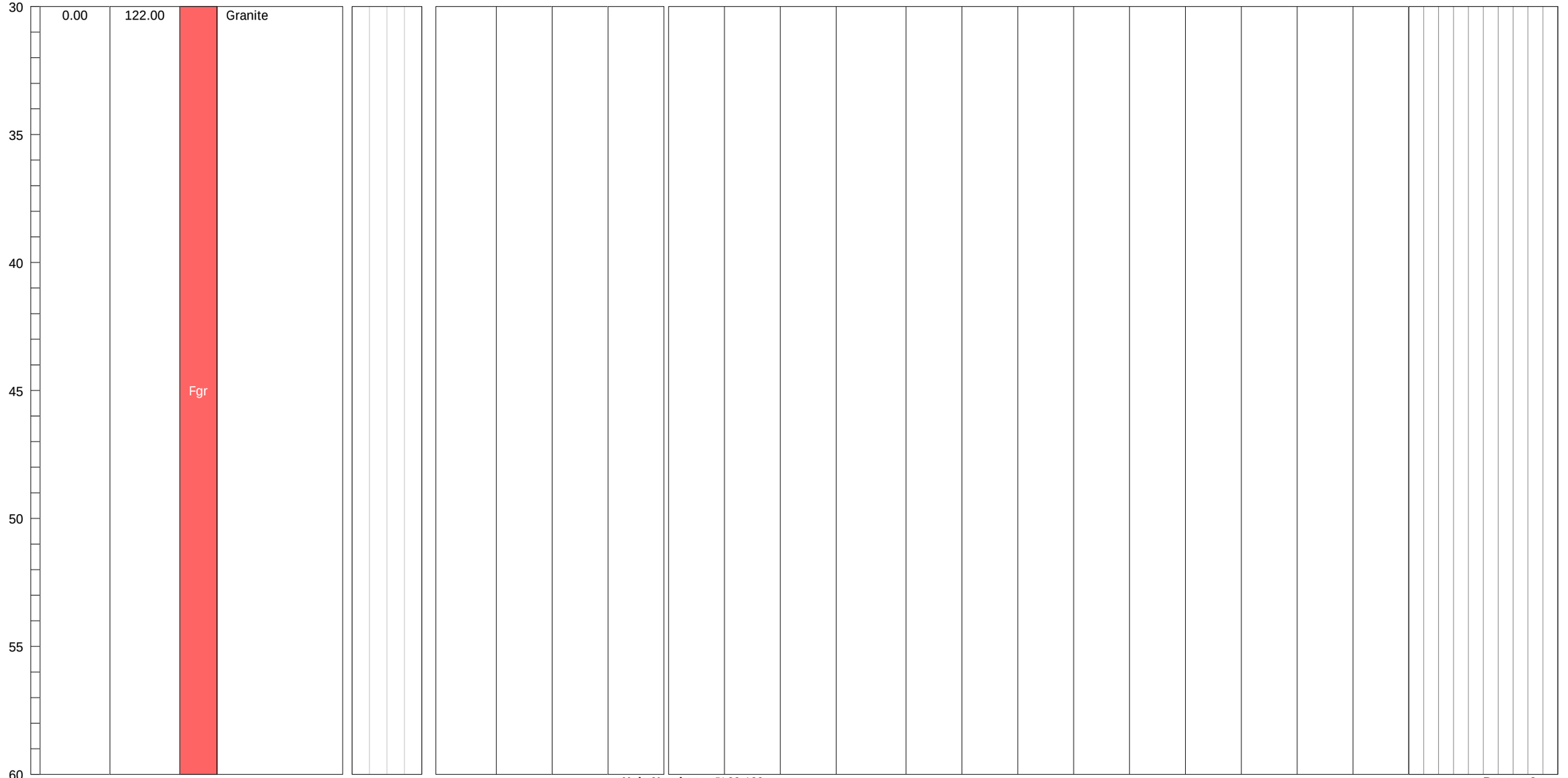
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.21
Easting: 357727.93
Elevation: 502.08

Azimuth: 177.3°
Dip: -88.70°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
0.00	122.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-106

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/05/2009
End Date: 16/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.21
Easting: 357727.93
Elevation: 502.08

Azimuth: 177.3°
Dip: -88.70°
Final Depth: 189.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	122.00	Fgr	Granite																		

60
65
70
75
80
85
90

Hole Number: BL09-106

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/05/2009
End Date: 16/05/2009

Magma Metals (Canada) Ltd.

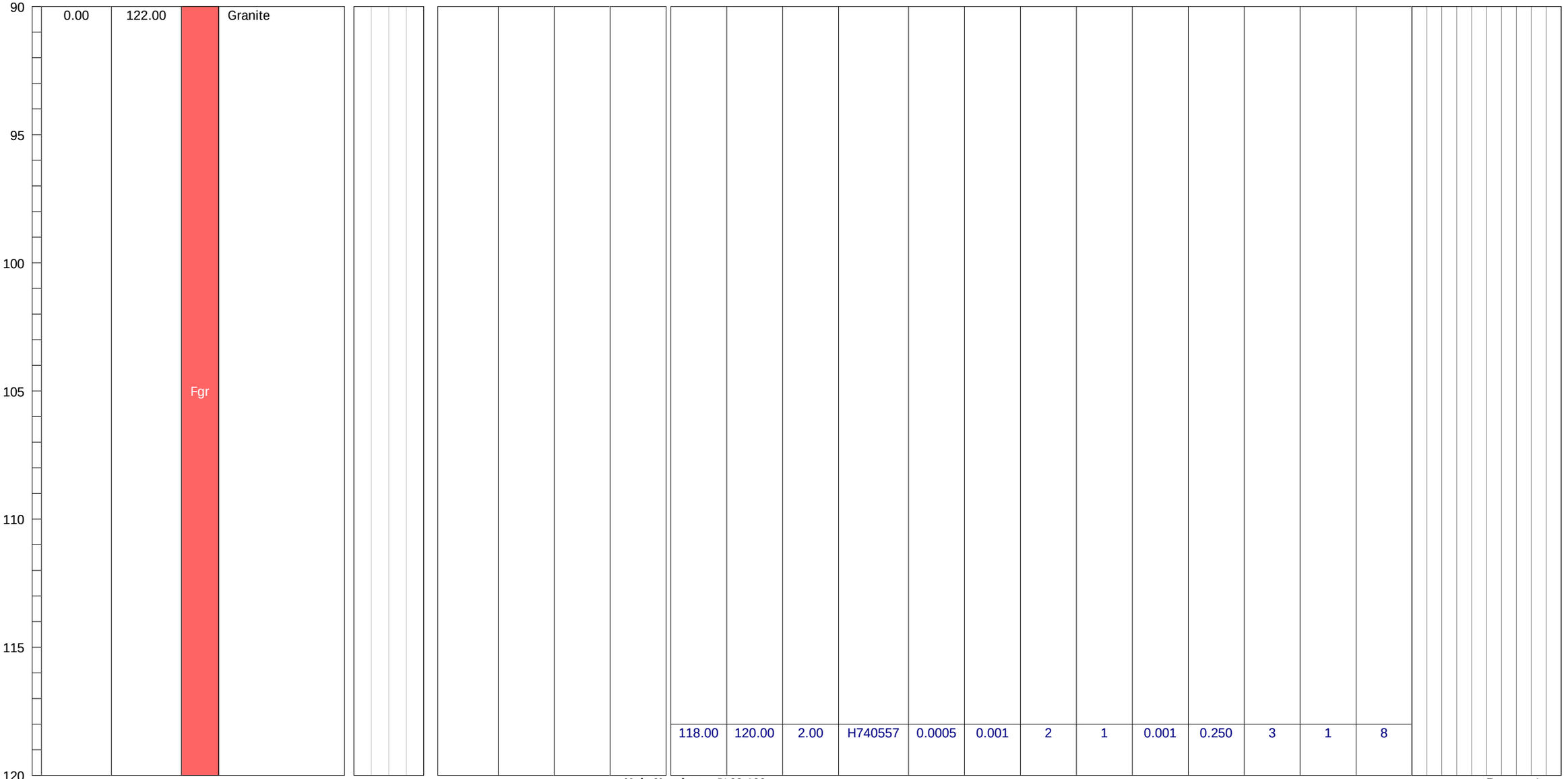
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.21
Easting: 357727.93
Elevation: 502.08

Azimuth: 177.3°
Dip: -88.70°
Final Depth: 189.00

From m	To m	Code	Rock description
0.00	122.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
118.00	120.00	2.00	H740557	0.0005	0.001	2	1	0.001	0.250	3	1	8

Hole Number: BL09-106

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/05/2009
End Date: 16/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.21
Easting: 357727.93
Elevation: 502.08

Azimuth: 177.3°
Dip: -88.70°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
0.00	122.00	Fgr	Granite
122.00	122.30	Upd	Peridotite
122.30	122.45	Fg	Granite - Undifferentiated
122.45	122.85	Upd	Peridotite
122.85	123.65	Fg	Granite - Undifferentiated
123.65	125.40	Upd	Peridotite
125.40	133.40	Fg	Granite - Undifferentiated
133.40	134.20	Hg	Hybrid Grey
134.20	149.15	Upd	Peridotite
149.15	152.22	Fg	Granite - Undifferentiated

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	
0.1		0.1	
2.9	0.9	2.0	
6.0	1.0	5.0	
0.5		0.5	
4.0	1.0	3.0	
1.5	0.5	1.0	
2.5	0.5	1.0	1.0
1.5	0.5	1.0	
4.0	1.0	3.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.00	122.00	2.00	H740558	0.0006	0.001	4	4	0.001	0.250	3	1	10
122.00	123.65	1.65	H740559	0.0098	0.008	228	148	0.002	0.250	26	21	333
123.65	125.40	1.75	H740561	0.0490	0.042	312	369	0.005	0.250	21	52	714
125.40	127.40	2.00	H740562	0.0017	0.001	4	6	0.001	0.250	3	2	31
127.40	129.40	2.00	H740563	0.0018	0.001	1	2	0.005	0.250	3	1	20
129.40	131.40	2.00	H740564	0.0008	0.001	3	2	0.002	0.250	3	2	19
131.40	133.40	2.00	H740565	0.0007	0.001	1	1	0.001	0.250	3	2	16
133.40	134.20	0.80	H740566	0.0645	0.052	177	127	0.005	0.250	6	38	201
134.20	135.00	0.80	H740567	0.1290	0.112	378	662	0.009	0.250	3	80	1040
135.00	136.00	1.00	H740568	0.1400	0.125	377	859	0.010	0.250	3	99	2030
136.00	137.00	1.00	H740569	0.2490	0.231	632	1050	0.019	0.250	11	118	2360
137.00	138.00	1.00	H740571	0.3720	0.384	996	1205	0.039	0.500	3	118	2200
138.00	139.00	1.00	H740572	0.1930	0.188	562	1180	0.018	0.700	3	127	2870
139.00	140.00	1.00	H740573	0.2660	0.258	678	1055	0.020	0.250	3	106	2210
140.00	141.00	1.00	H740574	0.3380	0.330	887	1400	0.023	0.600	3	120	2710
141.00	142.00	1.00	H740575	0.1630	0.155	456	1260	0.012	0.250	3	126	2640
142.00	143.00	1.00	H740576	0.1640	0.150	459	1310	0.012	0.250	3	131	2720
143.00	144.00	1.00	H740577	0.1130	0.104	351	1210	0.009	0.250	3	125	2550
144.00	145.00	1.00	H740578	0.1540	0.151	469	1205	0.012	0.250	3	124	2990
145.00	146.00	1.00	H740579	0.1060	0.101	354	1065	0.008	0.250	9	113	2770
146.00	147.00	1.00	H740581	0.1230	0.110	409	975	0.009	0.250	3	104	2390
147.00	148.00	1.00	H740582	0.4390	0.430	1140	1370	0.032	0.700	3	125	2560
148.00	149.15	1.15	H740583	0.0098	0.008	75	697	0.002	0.250	6	113	1580
149.15	150.85	1.70	H740584	0.0011	0.001	6	24	0.001	0.250	3	18	21

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-106

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/05/2009
End Date: 16/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.21
Easting: 357727.93
Elevation: 502.08

Azimuth: 177.3°
Dip: -88.70°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
149.15	152.22	Fg	Granite - Undifferentiated
152.22	152.25	Hg	Hybrid Grey
152.25	152.65	Fg	Granite - Undifferentiated
152.65	153.15	Hg	Hybrid Grey
153.15	156.15	Fgt	Tonalite
156.15	156.30	Hg	Hybrid Grey
156.30	157.81	Hg	Hybrid Grey
157.81	157.85	Hg	Hybrid Grey
157.85	189.00	Fgr	Granite

Magsus 0 100 200

Sulphide %

Cpy %

Po %

Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
149.15	150.85	1.70	H740584	0.0011	0.001	6	24	0.001	0.250	3	18	21
150.85	152.65	1.80	H740585	0.0007	0.001	1	2	0.001	0.250	3	2	13
152.65	154.40	1.75	H740586	0.0006	0.001	5	5	0.001	0.250	3	10	14
154.40	156.15	1.75	H740587	0.0006	0.001	1	1	0.002	0.250	3	1	17
156.15	157.85	1.70	H740588	0.0006	0.001	25	14	0.001	0.250	3	36	14
157.85	159.85	2.00	H740589	0.0003	0.001	1	1	0.001	0.250	3	2	8
159.85	161.85	2.00	H740591	0.0003	0.001	1	1	0.001	0.250	3	2	11

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-106

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/05/2009
End Date: 16/05/2009

Magma Metals (Canada) Ltd.

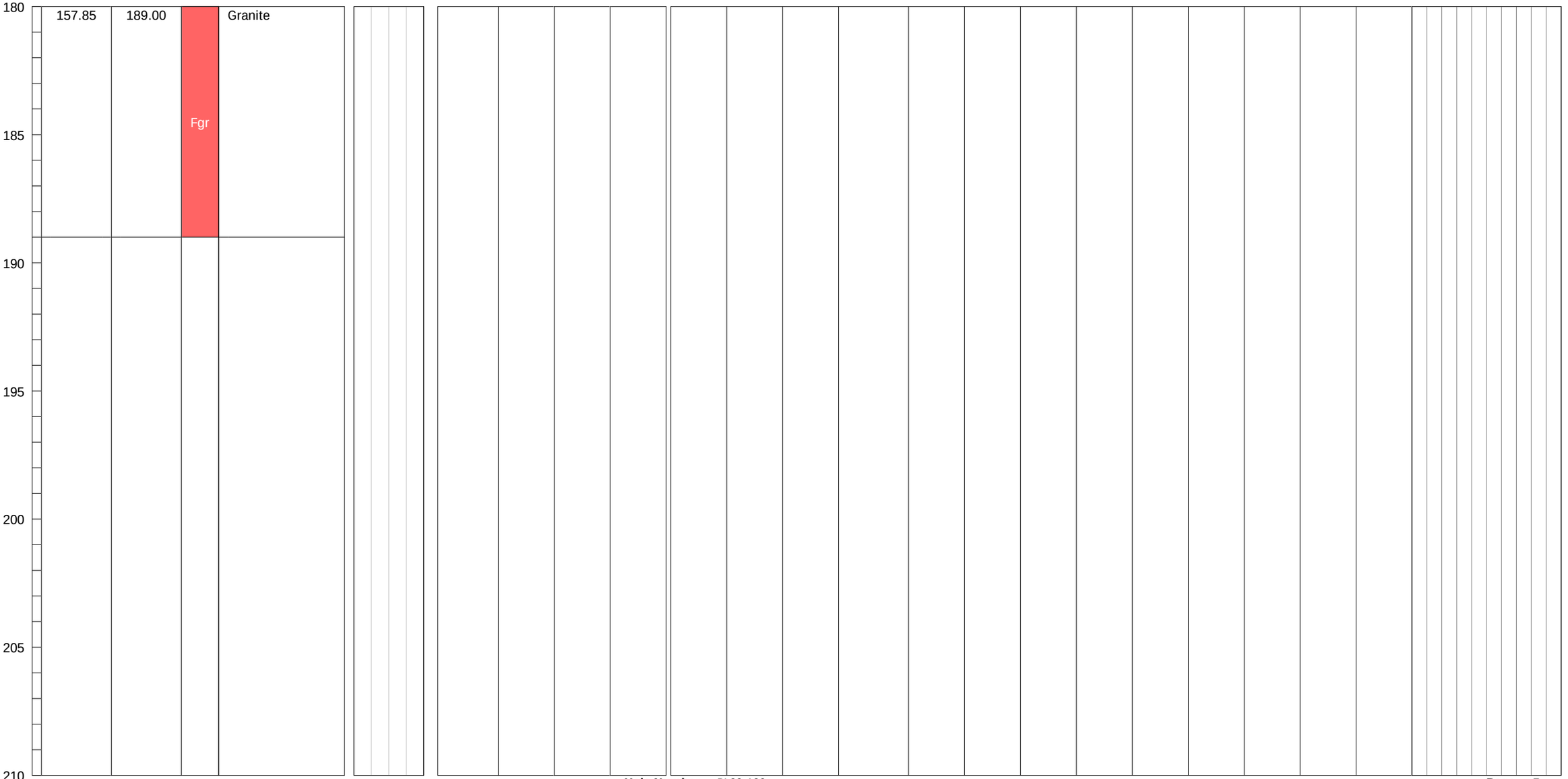
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.21
Easting: 357727.93
Elevation: 502.08

Azimuth: 177.3°
Dip: -88.70°
Final Depth: 189.00

Lithology From m	To m	Code	Rock description
157.85	189.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-107

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/05/2009
End Date: 19/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402582.95
Easting: 357747.45
Elevation: 499.34

Azimuth: 315.3°
Dip: -88.60°
Final Depth: 204.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	85.00	Fgg	Alkali feldspar granite																			

Hole Number: BL09-107

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/05/2009
End Date: 19/05/2009

Magma Metals (Canada) Ltd.

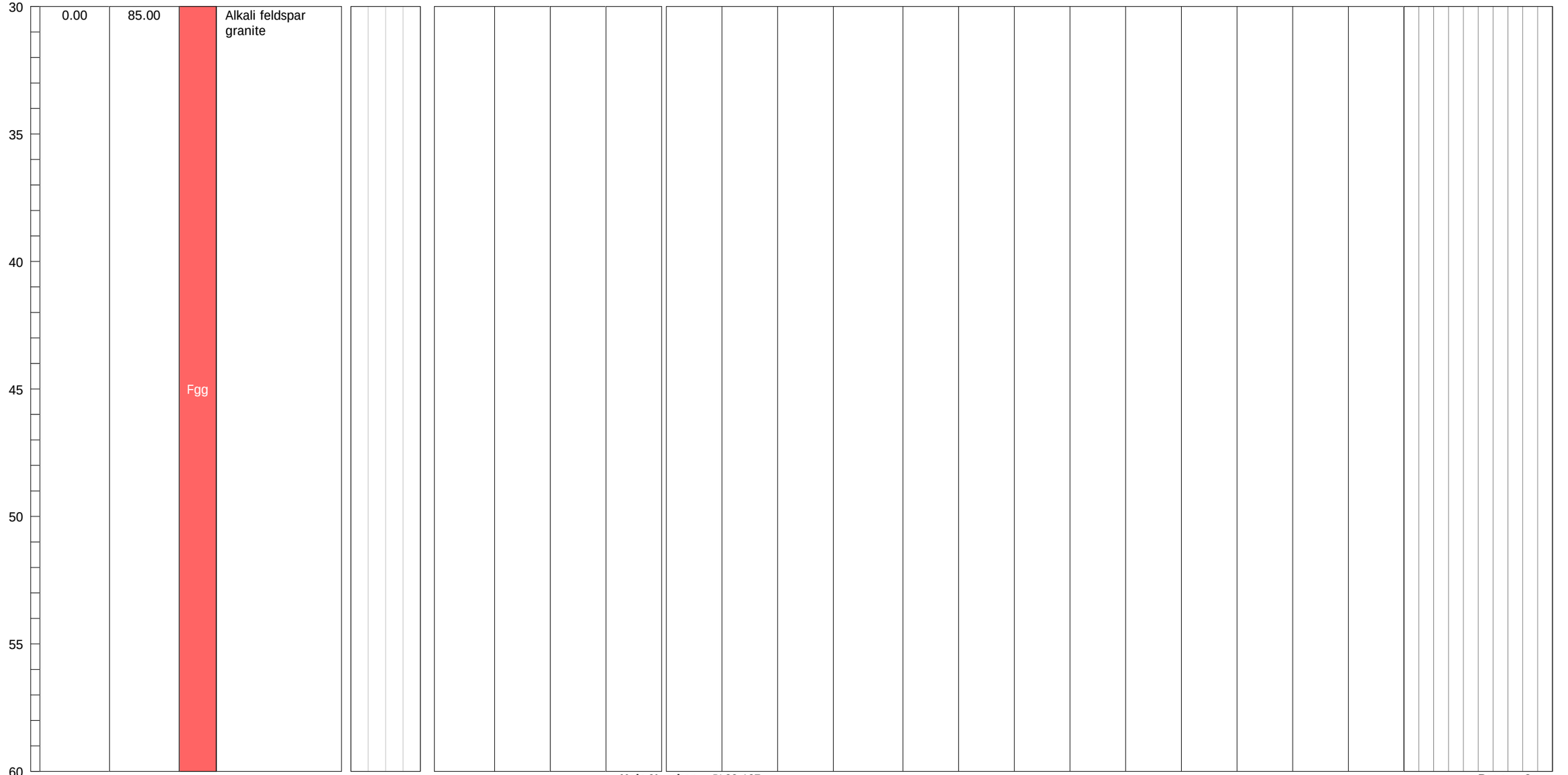
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402582.95
Easting: 357747.45
Elevation: 499.34

Azimuth: 315.3°
Dip: -88.60°
Final Depth: 204.00

From m	To m	Code	Rock description
0.00	85.00	Fgg	Alkali feldspar granite



Hole Number: BL09-107

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/05/2009
End Date: 19/05/2009

Magma Metals (Canada) Ltd.

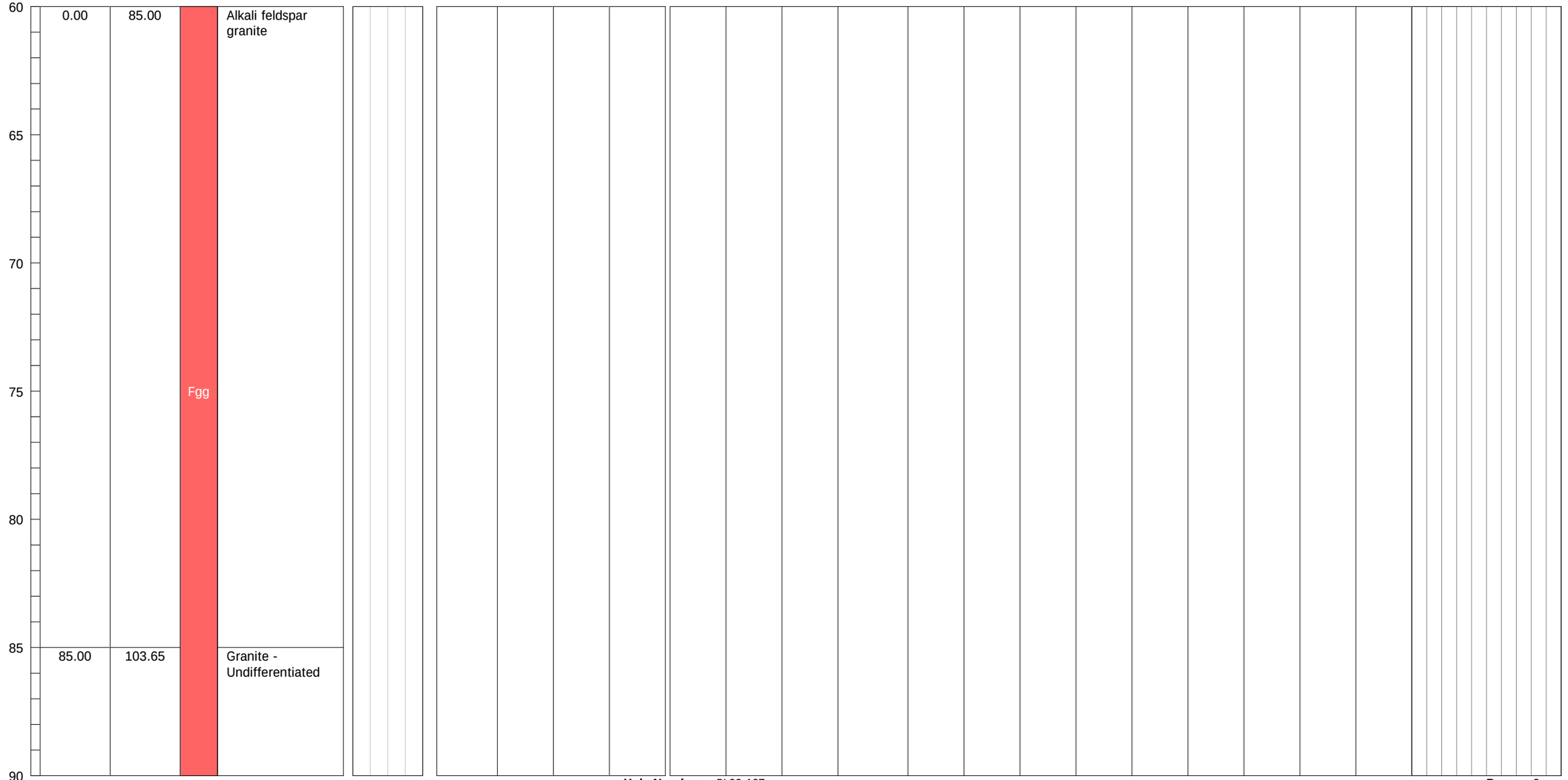
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402582.95
Easting: 357747.45
Elevation: 499.34

Azimuth: 315.3°
Dip: -88.60°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
0.00	85.00	Fgg	Alkali feldspar granite
85.00	103.65	Fgg	Granite - Undifferentiated



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-107

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/05/2009
End Date: 19/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402582.95
Easting: 357747.45
Elevation: 499.34

Azimuth: 315.3°
Dip: -88.60°
Final Depth: 204.00

From m	To m	Code	Rock description
85.00	103.65	Fgg	Granite - Undifferentiated
103.65	110.00		Granite
110.00	113.00		Alkali feldspar granite
113.00	119.60		Granite - Undifferentiated
119.60	121.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %
Cpy %
Po %
Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
115.60	117.60	2.00	H740592	0.0003	0.001	3	3	0.001	0.250	3	2	17
117.60	119.60	2.00	H740593	0.0277	0.021	58	6	0.001	0.250	5	2	10
119.60	121.00	1.40	H740594	0.2000	0.174	501	503	0.016	0.250	8	70	1210

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-107

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/05/2009
End Date: 19/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402582.95
Easting: 357747.45
Elevation: 499.34

Azimuth: 315.3°
Dip: -88.60°
Final Depth: 204.00

From m	To m	Code	Rock description
119.60	121.00	Upd	Peridotite
121.00	123.00	Mgm	Gabbro - Melanocratic
123.00	135.15	Upd	Peridotite
135.15	135.35	Fgr	Granite - Undifferentiated
135.35	135.55		Peridotite
135.55	146.00		Granite
146.00	147.26		Granite - Undifferentiated
147.26	150.85	Upd	Peridotite

From m	To m	Sulphide %	Cpy %	Po %	Py %
		2.5	0.5	2.0	
		0.5		0.5	
		2.5	0.5	2.0	
		1.1	0.1	1.0	
		6.0	1.0	5.0	
		4.0	1.0	3.0	
		1.5	0.5	1.0	
		4.0	1.0	3.0	
		1.1	0.1	1.0	
		13.0	3.0	10.0	
		9.0	2.0	7.0	
		9.0	2.0	7.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
119.60	121.00	1.40	H740594	0.2000	0.174	501	503	0.016	0.250	8	70	1210
121.00	122.00	1.00	H740595	0.2380	0.223	527	786	0.016	0.600	3	90	1770
122.00	123.00	1.00	H740596	0.4360	0.395	934	1090	0.029	0.250	10	103	2330
123.00	124.00	1.00	H740597	0.3060	0.273	558	1060	0.019	0.600	6	103	2590
124.00	125.00	1.00	H740598	0.1300	0.107	307	909	0.007	0.250	7	98	2400
125.00	126.00	1.00	H740599	0.4020	0.366	919	1120	0.022	0.700	3	109	2150
126.00	127.00	1.00	H740608	0.5320	0.500	1050	1140	0.035	0.700	17	110	1750
127.00	128.00	1.00	H740609	0.8500	0.803	1730	1600	0.041	0.800	23	123	1830
128.00	129.00	1.00	H740611	0.4300	0.387	855	1100	0.028	0.600	7	108	2090
129.00	130.00	1.00	H740612	0.1610	0.140	344	893	0.010	0.500	12	99	2140
130.00	131.00	1.00	H740613	0.4560	0.421	866	1100	0.026	0.800	3	105	2160
131.00	132.00	1.00	H740614	0.9940	0.889	2140	1190	0.073	2.000	20	109	1900
132.00	133.00	1.00	H740615	1.3800	1.210	2610	1520	0.100	1.900	13	118	1920
133.00	134.00	1.00	H740616	0.7140	0.664	1440	1160	0.050	1.300	14	102	1990
134.00	135.05	1.05	H740617	2.1500	2.040	4340	2660	0.110	2.600	63	159	1570
135.05	135.55	0.50	H740618	1.5300	1.460	2930	2340	0.080	1.400	17	118	538
135.55	137.55	2.00	H740619	0.3970	0.385	1010	305	0.013	0.800	233	11	11
137.55	139.55	2.00	H740621	0.0222	0.021	21	14	0.002	0.250	5	1	20
143.26	145.26	2.00	H740622	0.0014	0.001	4	3	0.001	0.250	3	1	9
145.26	147.26	2.00	H740623	0.0282	0.026	36	8	0.004	0.250	3	1	10
147.26	148.00	0.74	H740624	0.0925	0.075	308	661	0.012	0.500	9	86	1870
148.00	149.00	1.00	H740625	0.9960	0.845	2630	919	0.101	1.000	11	116	1910
149.00	150.00	1.00	H740626	0.0639	0.071	268	735	0.004	0.250	3	120	1160

Hole Number: BL09-107

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/05/2009
End Date: 19/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402582.95
Easting: 357747.45
Elevation: 499.34

Azimuth: 315.3°
Dip: -88.60°
Final Depth: 204.00

From m	To m	Code	Rock description
147.26	150.85	Upd	Peridotite
150.85	154.35	Hg	Hybrid Grey
154.35	154.50		Hybrid Grey
154.50	156.45		Granite - Undifferentiated
156.45	204.00	Fg	Alkali feldspar granite

From m	Sulphide %	Cpy %	Po %	Py %
150.85	6.0	1.0	5.0	
154.35	17.0	2.0	15.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	150.85	0.85	H740627	0.0081	0.009	52	466	0.002	0.250	10	106	966
150.85	152.50	1.65	H740628	0.0035	0.004	43	132	0.006	0.500	13	91	212
152.50	154.50	2.00	H740629	0.0009	0.001	50	55	0.001	0.250	8	62	59
154.50	156.50	2.00	H740631	0.0006	0.001	3	6	0.001	0.250	3	2	16
156.50	158.50	2.00	H740632	0.0007	0.001	2	3	0.002	0.250	3	2	9

Hole Number: BL09-107

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/05/2009
End Date: 19/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402582.95
Easting: 357747.45
Elevation: 499.34

Azimuth: 315.3°
Dip: -88.60°
Final Depth: 204.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample				Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
156.45	204.00	Fg	Alkali feldspar granite																			

Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

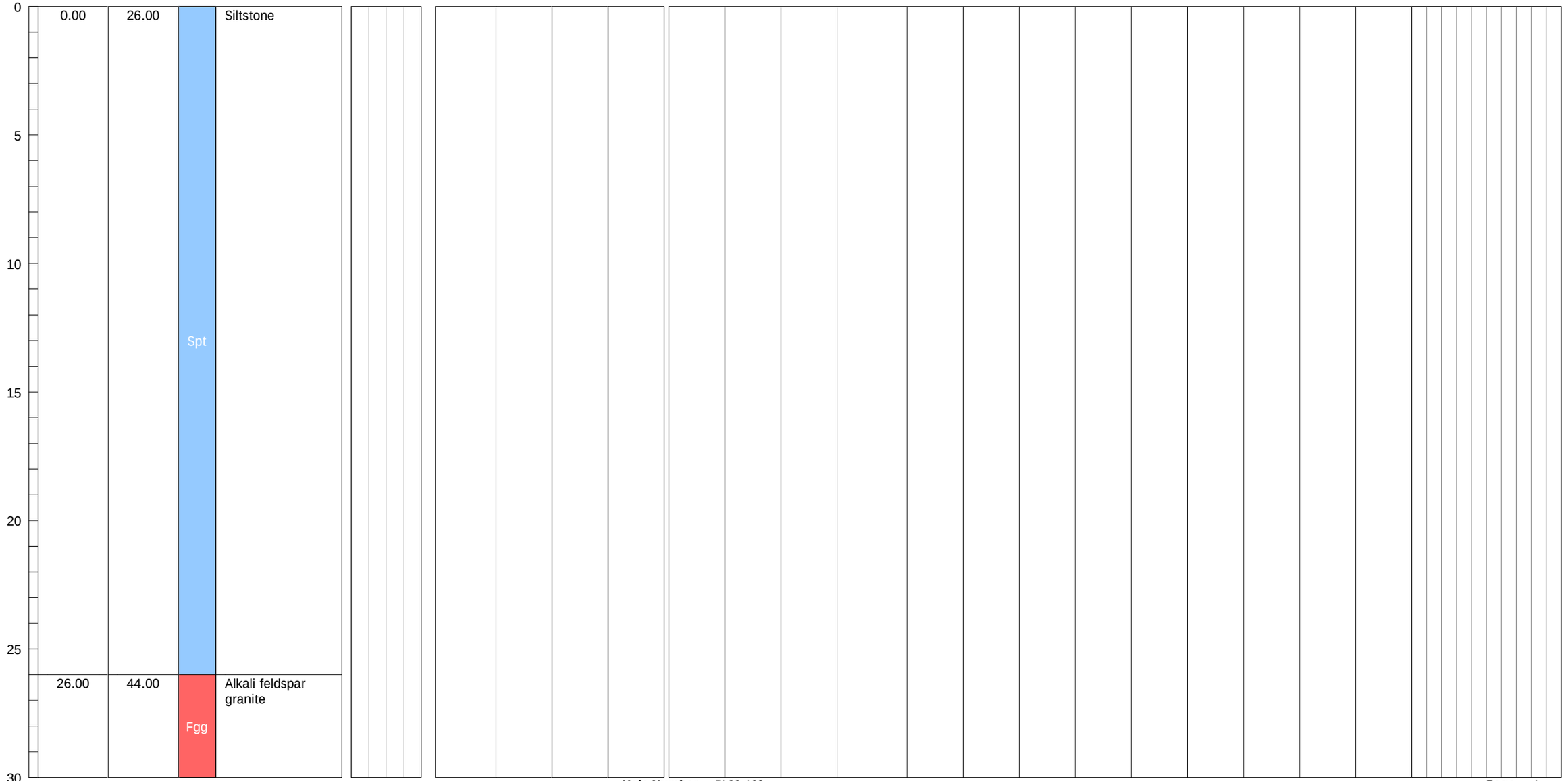
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

From m	To m	Code	Rock description
0.00	26.00	Spt	Siltstone
26.00	44.00	Fgg	Alkali feldspar granite



Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

Lithology From m	To m	Code	Rock description
26.00	44.00	Fgg	Alkali feldspar granite
44.00	52.00	Fgg	Granodiorite
52.00	64.00	Sg	Sedimentary Gneiss

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

30 35 40 45 50 55 60

Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

Lithology From m	To m	Code	Rock description
52.00	64.00	Sg	Sedimentary Gneiss
64.00	88.00	Sg	Schist
88.00	90.75	Sg	Chert

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

60 65 70 75 80 85 90

Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

Lithology From m	To m	Code	Rock description
88.00	90.75	Sg	Chert
90.75	105.40		Siltstone
105.40	107.50	Fgt	Tonalite
107.50	110.20	Spt	Siltstone
110.20	111.40	Fgt	Tonalite
111.40	128.20	Spt	Siltstone

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

Lithology From m	To m	Code	Rock description
111.40	128.20	Spt	Siltstone
128.20	134.05		Sedimentary Gneiss
134.05	135.05	Hr	Hybrid Classic Red
135.05	137.40	Hg	Hybrid Grey
137.40	161.70	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.0	0.5	0.5	
3.0	0.5	0.5	2.0
8.0	1.0	5.0	2.0
11.0	2.0	7.0	2.0
9.0	2.0	7.0	
4.0	1.0	3.0	
1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
129.10	131.10	2.00	H740633	0.0014	0.001	39	64	0.001	0.250	7	20	116
131.10	133.10	2.00	H740634	0.0018	0.001	5	70	0.001	0.250	3	20	122
133.10	135.05	1.95	H740635	0.0241	0.021	92	64	0.002	0.250	5	16	94
135.05	136.20	1.15	H740636	0.0143	0.008	189	97	0.003	0.250	3	42	219
136.20	137.40	1.20	H740637	0.0261	0.023	189	171	0.004	0.250	6	46	539
137.40	138.00	0.60	H740638	0.0719	0.071	183	629	0.007	0.250	25	97	891
138.00	139.00	1.00	H740639	0.1210	0.119	464	763	0.009	0.250	105	96	1215
139.00	140.00	1.00	H740641	0.3130	0.300	984	1010	0.020	0.250	173	112	1310
140.00	141.00	1.00	H740642	0.2780	0.258	811	960	0.019	0.250	128	112	1555
141.00	142.00	1.00	H740643	0.6580	0.637	2060	1535	0.039	0.600	134	132	1640
142.00	143.00	1.00	H740644	0.1010	0.094	372	841	0.008	0.250	96	104	1605
143.00	144.00	1.00	H740645	0.6840	0.675	2140	1520	0.041	0.700	77	132	1675
144.00	145.00	1.00	H740646	0.5670	0.573	1935	1405	0.031	0.600	97	134	1620
145.00	146.00	1.00	H740647	1.3100	1.260	3500	1965	0.080	2.000	31	162	1730
146.00	147.00	1.00	H740648	0.7630	0.774	1990	1535	0.048	0.800	38	130	1840
147.00	148.00	1.00	H740649	0.7850	0.804	2140	1525	0.049	1.000	22	129	1750
148.00	149.00	1.00	H740651	0.1800	0.175	489	920	0.009	0.250	13	111	1675
149.00	150.00	1.00	H740652	0.6130	0.576	1485	1295	0.036	0.700	18	127	1900

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

Lithology From m	To m	Code	Rock description
137.40	161.70	Upd	Peridotite
161.70	166.63	Sg	Sedimentary Gneiss
166.63	166.70	Hg	Hybrid Grey
166.70	171.55	Hg	Hybrid Grey
171.55	171.65	Hg	Hybrid Grey
171.65	173.17	Fgg	Alkali feldspar granite
173.17	176.80	Spt	Siltstone
176.80	177.75	Fgg	Alkali feldspar granite
177.75	210.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	
7.0	2.0	5.0	
27.0	7.0	20.0	
9.0	2.0	7.0	
40.0	10.0	30.0	
15.0	5.0	10.0	
50.0	10.0	40.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H740653	0.5570	0.520	1350	1245	0.039	0.500	10	121	1705
151.00	152.00	1.00	H740654	0.6970	0.673	1675	1315	0.049	0.800	11	122	1625
152.00	153.00	1.00	H740655	0.3430	0.347	911	996	0.011	0.250	16	109	1560
153.00	154.00	1.00	H740656	0.4180	0.413	1015	1030	0.028	0.250	14	109	1680
154.00	155.00	1.00	H740657	0.0726	0.064	240	760	0.007	0.250	8	94	1615
155.00	156.00	1.00	H740658	0.4730	0.483	1405	1065	0.037	0.800	6	107	1810
156.00	157.00	1.00	H740659	2.1900	2.250	6020	4290	0.080	1.700	8	287	1725
157.00	158.00	1.00	H740661	2.8300	2.910	8150	4700	0.110	2.700	3	289	1660
158.00	159.00	1.00	H740662	2.8000	2.800	6670	3260	0.140	3.100	3	195	1610
159.00	160.00	1.00	H740663	4.0000	4.140	10400	5290	0.140	4.000	18	283	1310
160.00	161.00	1.00	H740664	3.3600	3.700	9160	4580	0.130	3.500	10	239	1220
161.00	161.70	0.70	H740665	4.1100	4.040	8860	4050	0.170	5.300	24	218	1530
161.70	163.00	1.30	H740666	0.1200	0.115	255	111	0.017	0.250	5	18	85
163.00	165.00	2.00	H740667	0.0122	0.007	17	73	0.002	0.250	11	18	111
165.00	167.00	2.00	H740668	0.0044	0.002	27	49	0.001	0.250	10	20	81
167.00	169.00	2.00	H740669	0.0030	0.001	23	23	0.001	0.250	7	39	17
169.00	170.30	1.30	H740671	0.0015	0.001	46	35	0.001	0.250	9	49	25
170.30	171.65	1.35	H740672	0.0064	0.004	26	18	0.005	0.250	9	42	10
171.65	173.65	2.00	H740673	0.0027	0.001	22	19	0.004	0.250	3	9	36
173.65	175.65	2.00	H740674	0.0027	0.002	71	65	0.003	0.250	7	21	115

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
177.75	210.00	Spt	Siltstone																			

Hole Number: BL09-108

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/05/2009
End Date: 21/05/2009

Magma Metals (Canada) Ltd.

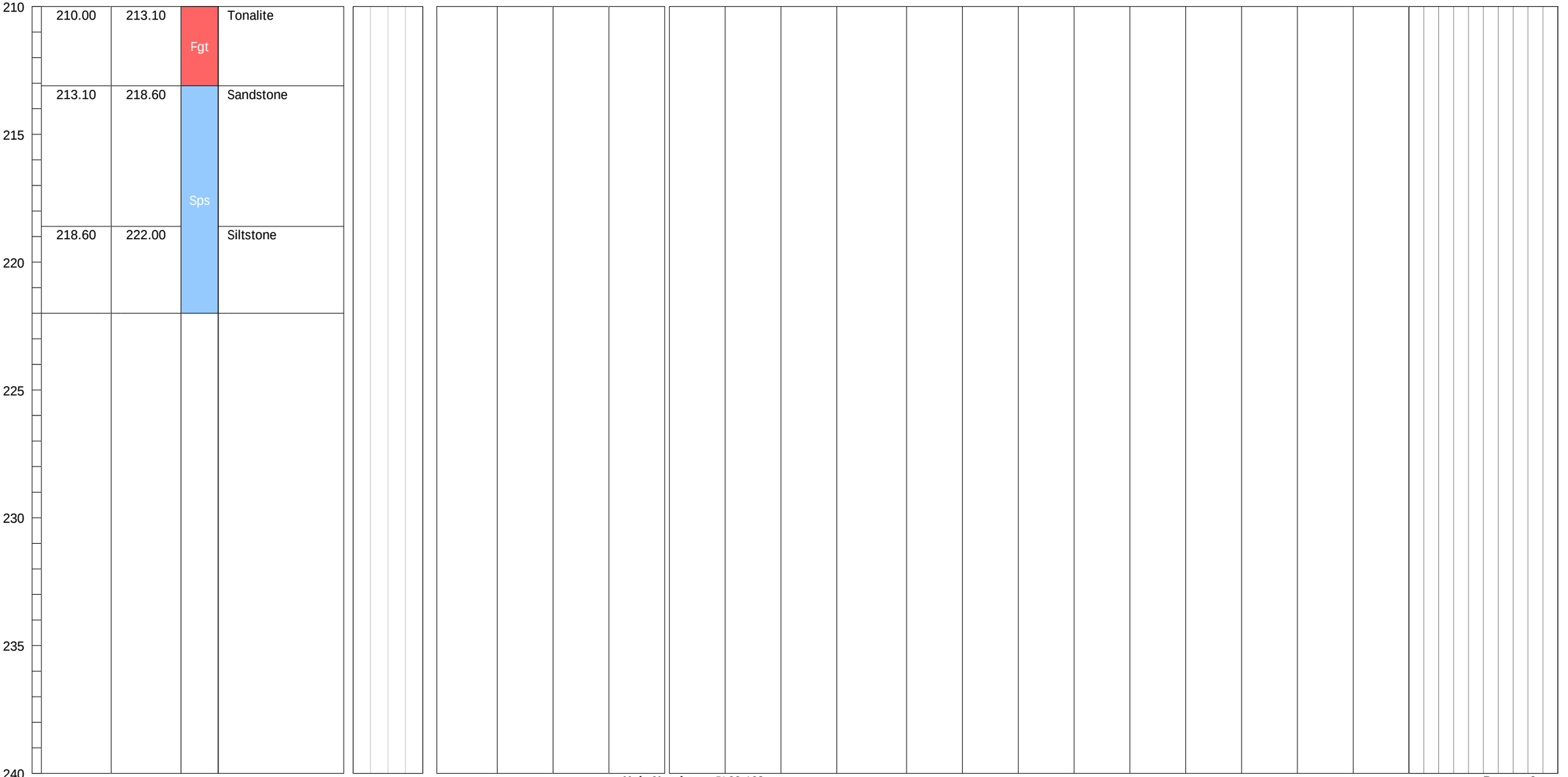
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402504.59
Easting: 357818.45
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 222.00

Lithology From m	To m	Code	Rock description
210.00	213.10	Fgt	Tonalite
213.10	218.60	Sps	Sandstone
218.60	222.00		Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-109

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 22/05/2009
End Date: 24/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.66
Easting: 357836.48
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	112.70	Fgr	Granite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-109

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 22/05/2009
End Date: 24/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.66
Easting: 357836.48
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	112.70	Fgr	Granite																			

Hole Number: BL09-109

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 22/05/2009
End Date: 24/05/2009

Magma Metals (Canada) Ltd.

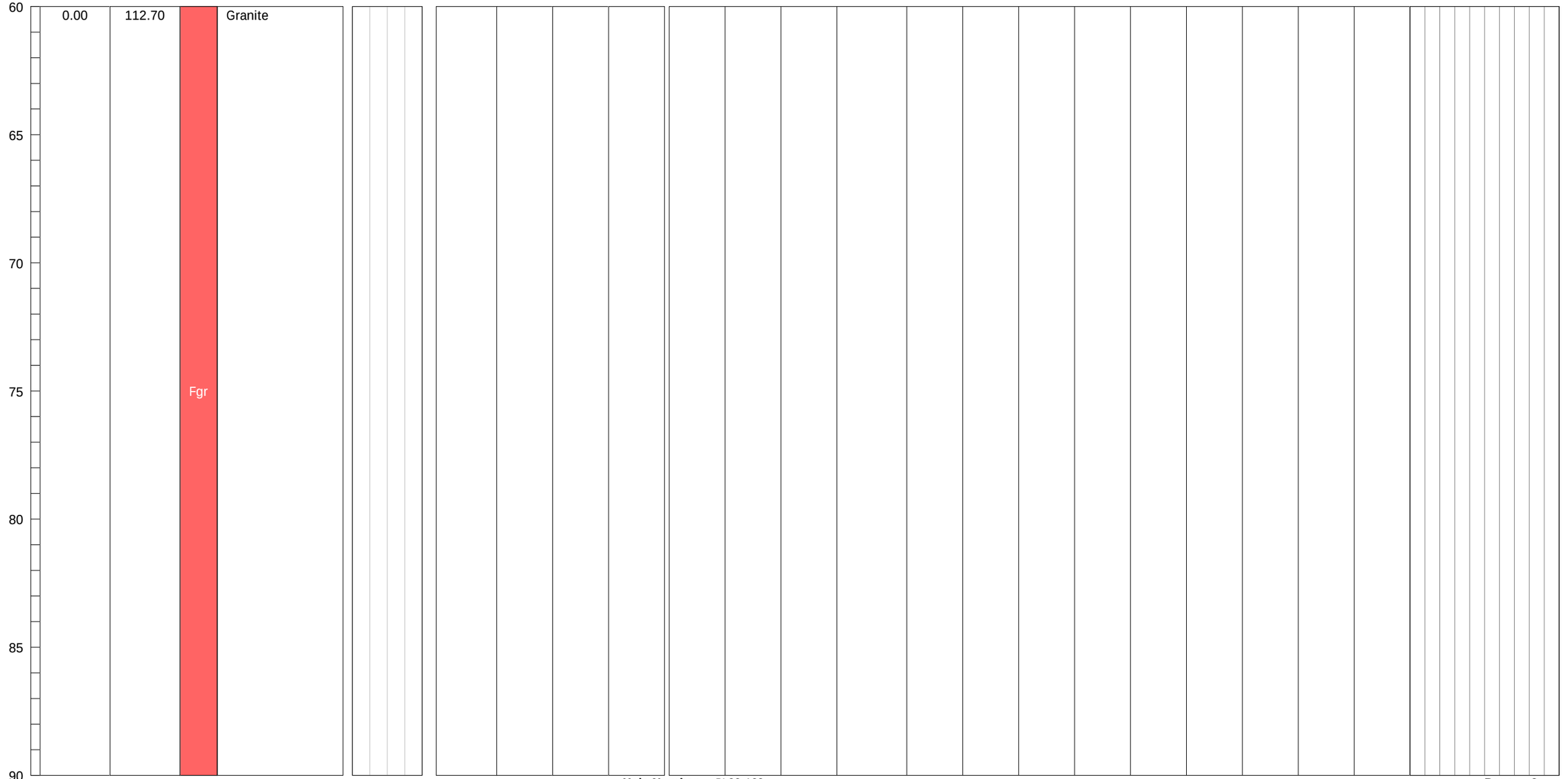
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.66
Easting: 357836.48
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description
0.00	112.70	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-109

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 22/05/2009
End Date: 24/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.66
Easting: 357836.48
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description
0.00	112.70	Fgr	Granite
112.70	114.30		Granite - Undifferentiated
114.30	124.52	Hr	Hybrid Classic Red

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
108.70	110.70	2.00	H740675	0.0005	0.001	2	14	0.002	0.250	3	2	14
110.70	112.70	2.00	H740676	0.0003	0.001	1	8	0.002	0.250	3	2	12
112.70	114.30	1.60	H740677	0.0021	0.002	5	13	0.002	0.250	3	4	27
114.30	116.00	1.70	H740678	0.0003	0.001	108	19	0.005	0.250	3	27	4
116.00	118.00	2.00	H740679	0.0008	0.001	25	11	0.002	0.250	6	28	6
118.00	120.00	2.00	H740681	0.0003	0.001	16	12	0.003	0.250	3	28	10

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-109

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 22/05/2009
End Date: 24/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.66
Easting: 357836.48
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description
114.30	124.52	Hr	Hybrid Classic Red
124.52	130.75	Hg	Hybrid Grey
130.75	169.55	Upd	Peridotite

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1		0.1	
2.5	0.5	2.0	
13.0	3.0	10.0	
9.0	2.0	7.0	
3.0		3.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.00	122.00	2.00	H740682	0.0003	0.001	12	4	0.002	0.250	3	21	4
122.00	123.26	1.26	H740683	0.0003	0.001	10	9	0.002	0.250	3	28	6
123.26	124.52	1.26	H740684	0.0003	0.001	9	15	0.002	0.250	3	40	4
124.52	126.00	1.48	H740685	0.0012	0.001	299	119	0.002	0.250	15	82	36
126.00	128.00	2.00	H740686	0.0545	0.045	428	151	0.004	0.250	5	47	206
128.00	129.40	1.40	H740687	0.0563	0.018	427	180	0.013	0.250	6	48	349
129.40	130.75	1.35	H740688	0.0558	0.025	193	183	0.012	0.250	13	48	1110
130.75	132.00	1.25	H740689	0.1260	0.121	498	790	0.011	0.250	22	117	1420
132.00	133.00	1.00	H740691	0.1100	0.099	379	853	0.009	1.100	19	107	1760
133.00	134.00	1.00	H740692	0.0881	0.076	254	815	0.009	1.300	11	107	1830
134.00	135.00	1.00	H740693	0.0926	0.081	304	896	0.009	0.250	194	112	2030
135.00	136.00	1.00	H740694	0.0560	0.048	170	866	0.005	0.250	32	115	2190
136.00	137.00	1.00	H740695	0.0695	0.057	225	856	0.006	0.250	6	108	2110
137.00	138.00	1.00	H740696	0.0817	0.072	276	901	0.007	0.250	3	112	2170
138.00	139.00	1.00	H740697	0.0648	0.053	252	888	0.006	0.250	3	111	2150
139.00	140.00	1.00	H740698	0.0616	0.051	200	885	0.005	0.250	52	111	2330
140.00	141.00	1.00	H740699	0.0474	0.036	134	846	0.005	0.250	3	107	2120
141.00	142.00	1.00	H740701	0.0336	0.026	162	857	0.005	0.250	3	112	2220
142.00	143.00	1.00	H740702	0.0400	0.028	149	834	0.005	0.250	3	108	2030
143.00	144.00	1.00	H740703	0.1350	0.120	430	938	0.012	0.250	3	115	1960
144.00	145.00	1.00	H740704	0.0276	0.018	113	776	0.005	0.250	3	105	1950
145.00	146.00	1.00	H740705	0.1070	0.094	281	752	0.008	0.250	41	101	1700
146.00	147.00	1.00	H740706	0.0615	0.050	260	724	0.007	0.250	66	96	1590
147.00	148.00	1.00	H740707	0.8270	0.788	2580	1470	0.054	1.500	20	142	1530
148.00	149.00	1.00	H740708	0.7850	0.702	1960	1110	0.047	2.000	34	114	1490
149.00	150.00	1.00	H740709	1.6900	1.650	3950	3040	0.080	2.000	6	178	1630

Hole Number: BL09-109

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 22/05/2009
End Date: 24/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.66
Easting: 357836.48
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

From m	To m	Code	Rock description
130.75	169.55	Upd	Peridotite
169.55	171.80	Hg	Hybrid Grey
171.80	172.00		Hybrid Grey
172.00	174.00	Fgg	Alkali feldspar granite
174.00	186.00		Granite - Undifferentiated

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H740711	1.0900	0.960	2510	1480	0.070	1.700	6	120	1960
151.00	152.00	1.00	H740712	1.7300	1.450	3570	1280	0.120	2.600	27	111	2170
152.00	153.00	1.00	H740713	3.0800	2.610	6090	2040	0.220	4.800	24	144	2850
153.00	154.00	1.00	H740714	2.7700	2.370	5560	1840	0.220	4.900	5	141	2700
154.00	155.00	1.00	H740715	2.9500	2.490	6280	1740	0.240	5.800	3	138	2670
155.00	156.00	1.00	H740716	0.7480	0.644	1835	1260	0.071	1.900	8	120	2720
156.00	157.00	1.00	H740717	0.3100	0.264	904	1280	0.022	0.250	3	127	2390
157.00	158.00	1.00	H740718	0.2760	0.241	780	1250	0.018	0.250	3	122	2500
158.00	159.00	1.00	H740719	0.2670	0.227	774	1280	0.018	0.250	3	127	2590
159.00	160.00	1.00	H740721	1.1700	1.100	2790	2290	0.050	1.500	3	164	2590
160.00	161.00	1.00	H740722	1.3900	1.240	3200	2120	0.090	1.900	3	150	2710
161.00	162.00	1.00	H740723	0.3760	0.326	1245	1490	0.027	0.900	3	131	2650
162.00	163.00	1.00	H740724	0.7970	0.714	2180	1880	0.056	1.200	3	142	2560
163.00	164.00	1.00	H740725	0.6720	0.595	2100	1840	0.048	1.400	6	146	2540
164.00	165.00	1.00	H740726	0.7610	0.681	2390	1960	0.057	1.500	15	149	2380
165.00	166.00	1.00	H740727	0.2450	0.223	921	1260	0.020	0.600	3	128	2910
166.00	167.00	1.00	H740728	0.2110	0.190	727	1180	0.019	0.500	3	117	2370
167.00	168.00	1.00	H740729	0.3690	0.331	1570	1600	0.029	0.700	3	136	2270
168.00	169.55	1.55	H740731	0.7620	0.547	2250	832	0.072	2.100	3	102	894
169.55	170.75	1.20	H740732	0.0047	0.003	48	32	0.003	0.250	15	47	24
170.75	172.00	1.25	H740733	0.0034	0.007	42	20	0.002	0.250	12	42	9
172.00	174.00	2.00	H740734	0.0019	0.002	4	5	0.002	0.250	3	3	13
174.00	176.00	2.00	H740735	0.0017	0.001	2	1	0.002	0.250	3	2	10

Hole Number: BL09-109

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 22/05/2009
End Date: 24/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.66
Easting: 357836.48
Elevation: 507.00

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

From m	To m	Code	Rock description
174.00	186.00	Fgg	Granite - Undifferentiated
186.00	189.70		Alkali feldspar granite
189.70	192.00		Granite

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

180 185 190 195 200 205 210

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
0.00	29.50	Fgr	Granite
29.50	113.47		Alkali feldspar granite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

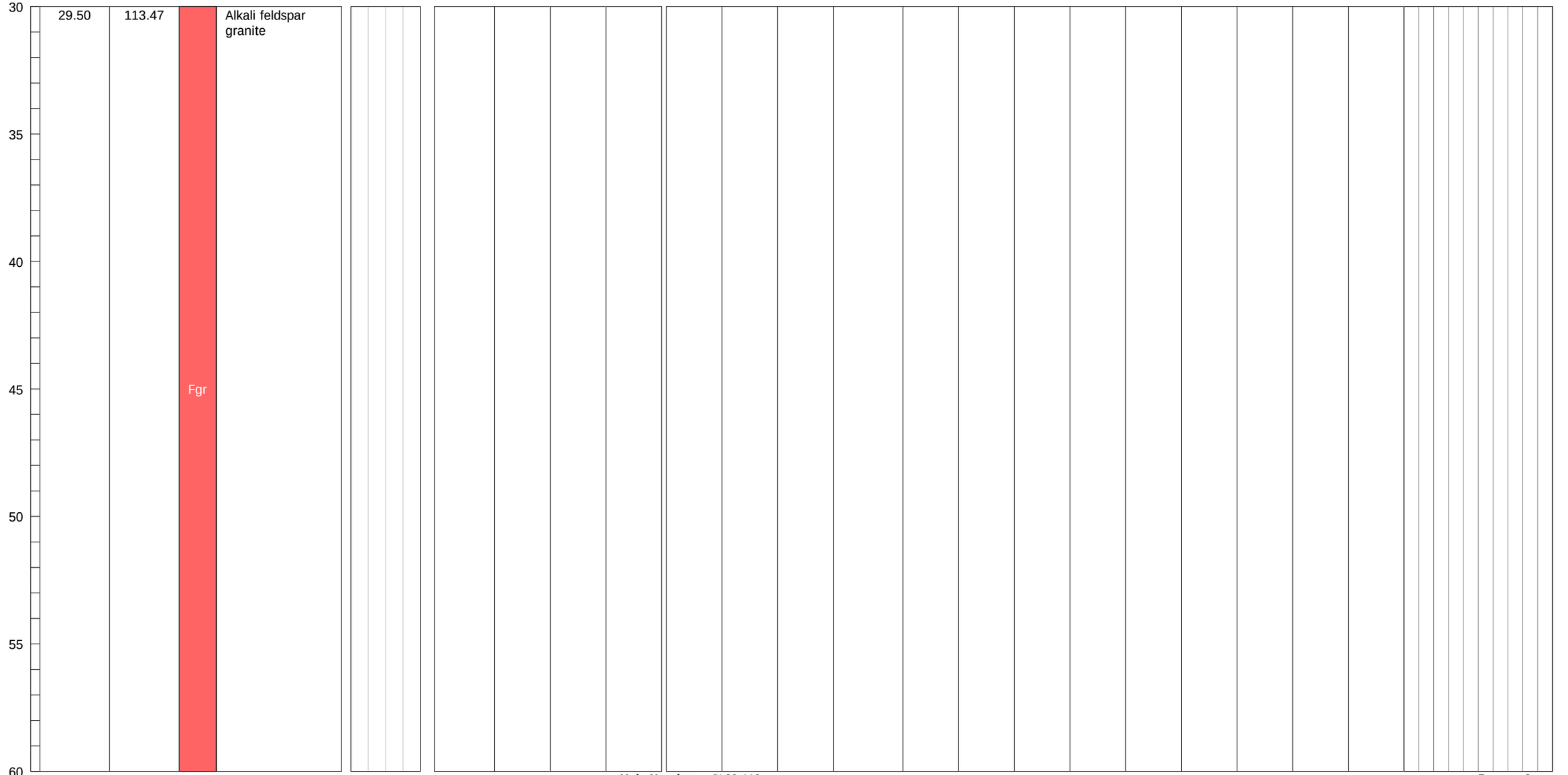
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
29.50	113.47	Fgr	Alkali feldspar granite



Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

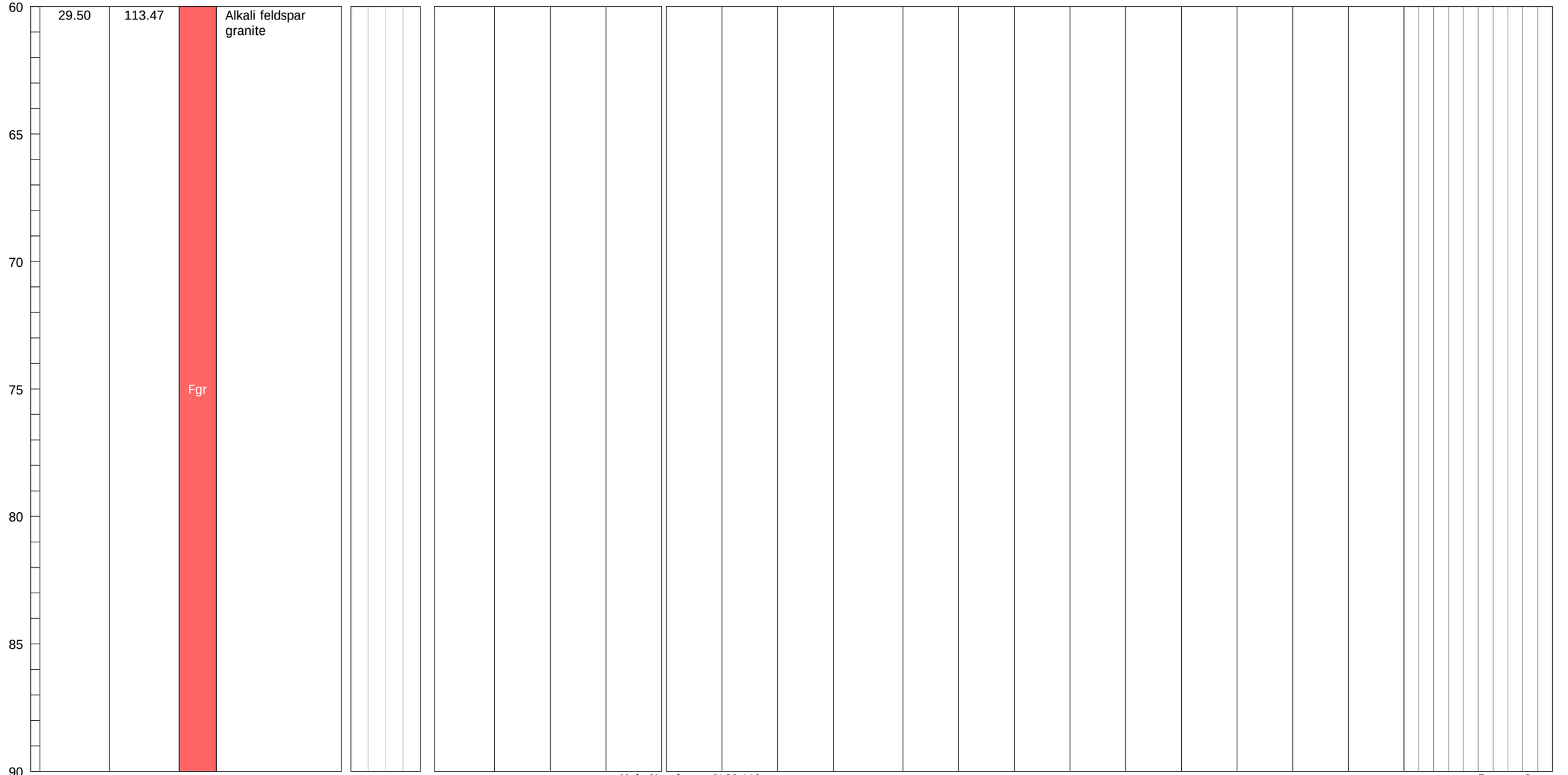
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
29.50	113.47	Fgr	Alkali feldspar granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

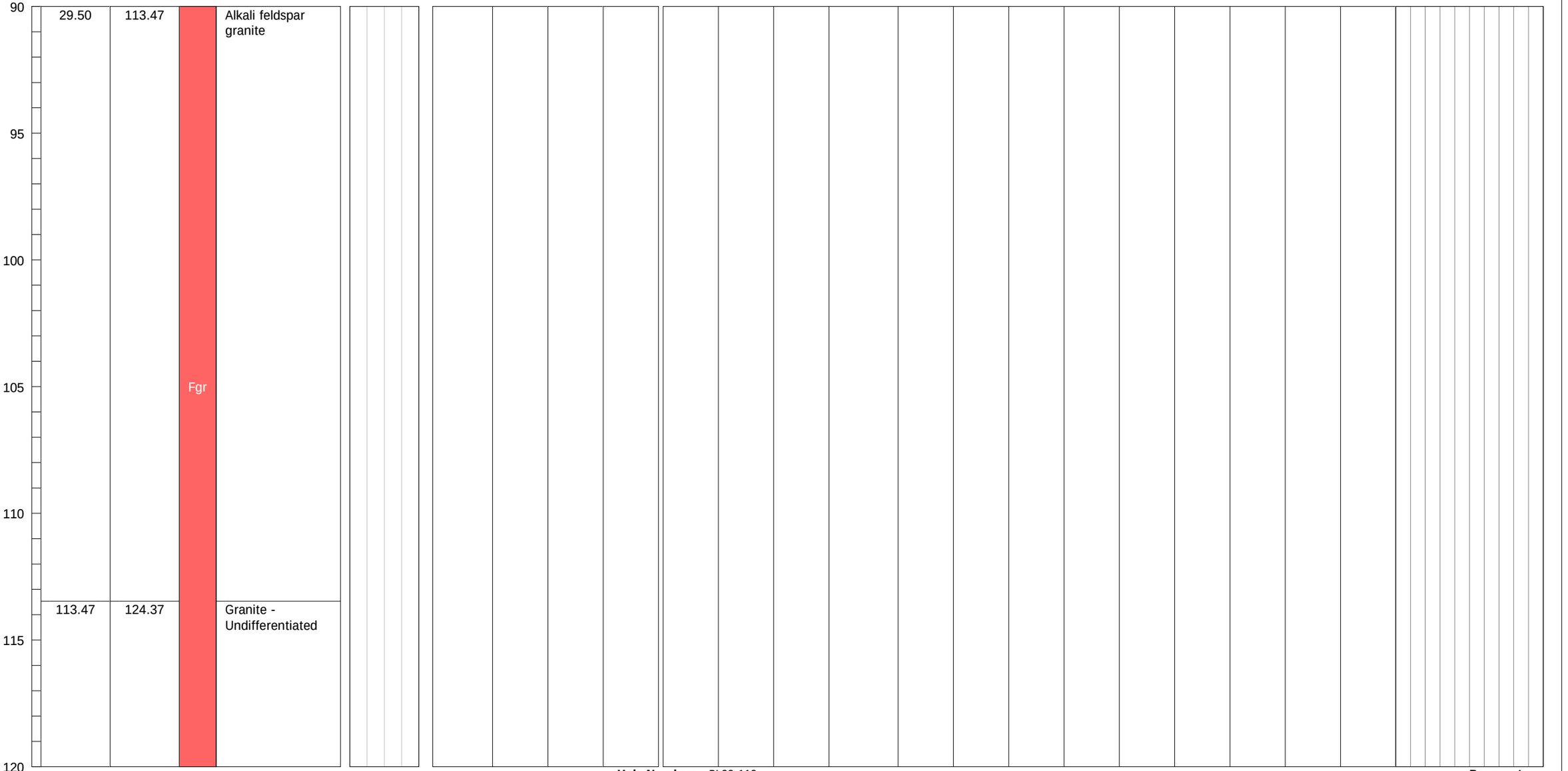
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
29.50	113.47	Fgr	Alkali feldspar granite
113.47	124.37	Fgr	Granite - Undifferentiated



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
113.47	124.37	Fgr	Granite - Undifferentiated
124.37	128.38		Hybrid Grey
128.38	135.05	Hg	Hybrid Grey
135.05	158.17	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
1.5	0.5	1.0	
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.37	122.37	2.00	H740736	0.0007	0.001	4	7	0.001	0.250	3	1	8
122.37	124.37	2.00	H740737	0.0018	0.001	4	6	0.001	0.250	5	2	8
124.37	126.00	1.63	H740738	0.0033	0.002	291	79	0.001	0.250	13	41	60
126.00	128.00	2.00	H740739	0.0010	0.001	229	78	0.001	0.250	9	50	37
128.00	130.00	2.00	H740741	0.0072	0.002	293	119	0.001	0.250	5	51	142
130.00	132.00	2.00	H740742	0.0560	0.013	497	176	0.013	0.250	12	46	288
132.00	134.00	2.00	H740743	0.0515	0.017	218	184	0.009	0.250	11	56	686
134.00	135.05	1.05	H740744	0.0370	0.029	387	216	0.005	0.250	11	46	995
135.05	136.00	0.95	H740745	0.1190	0.126	256	683	0.009	0.250	51	105	1175
136.00	137.00	1.00	H740746	0.1760	0.172	667	959	0.012	0.250	3	111	1595
137.00	138.00	1.00	H740747	0.1450	0.139	464	926	0.008	0.250	37	107	1695
138.00	139.00	1.00	H740748	0.1420	0.131	536	1020	0.009	0.250	37	119	1985
139.00	140.00	1.00	H740749	0.1210	0.109	447	964	0.006	0.250	28	112	1965
140.00	141.00	1.00	H740751	0.0748	0.065	296	889	0.002	0.250	54	106	1840
141.00	142.00	1.00	H740752	0.0492	0.042	193	875	0.001	0.250	12	110	2000
142.00	143.00	1.00	H740753	0.0845	0.078	282	931	0.008	0.250	17	112	1990
143.00	144.00	1.00	H740754	0.0459	0.038	170	899	0.003	0.250	68	110	1900
144.00	145.00	1.00	H740755	0.0267	0.024	95	912	0.001	0.250	13	108	2020
145.00	146.00	1.00	H740756	0.0795	0.072	235	919	0.003	0.250	5	108	1990
146.00	147.00	1.00	H740757	0.4070	0.393	1550	1380	0.028	0.800	17	131	1985
147.00	148.00	1.00	H740758	0.0238	0.018	141	862	0.001	0.250	50	107	1990
148.00	149.00	1.00	H740759	0.0257	0.019	109	856	0.003	0.250	8	107	1900
149.00	150.00	1.00	H740761	0.0295	0.019	121	854	0.003	0.250	3	108	1825

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

From m	To m	Code	Rock description
135.05	158.17	Upd	Peridotite
158.17	159.35	Fg	Granite - Undifferentiated
159.35	166.00		Alkali feldspar granite
166.00	166.75		Granite - Undifferentiated
166.75	168.80	Mgm	Gabbro - Melanocratic
168.80	173.03	Hg	Hybrid Grey
173.03	173.05		Hybrid Grey
173.05	174.45		Granite - Undifferentiated
174.45	188.40	Fg	Alkali feldspar granite

From m	Sulphide %	Cpy %	Po %	Py %
135.05	0.1	0.1	0.1	
158.17	0.6		0.5	
159.35	2.5	0.5	2.0	
166.00	6.0	1.0	5.0	
166.75	0.5		0.5	
168.80	4.0	1.0	3.0	
173.03	15.0	5.0	10.0	
173.05	1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H740762	0.1610	0.157	540	947	0.011	0.250	18	112	1725
151.00	152.00	1.00	H740763	0.6020	0.570	1730	1230	0.040	0.600	11	119	1660
152.00	153.00	1.00	H740764	0.3200	0.301	814	999	0.019	0.500	27	114	1630
153.00	154.00	1.00	H740765	1.4700	1.400	3750	1880	0.090	2.300	11	159	1640
154.00	155.00	1.00	H740766	0.5580	0.521	1630	1160	0.040	0.500	9	110	1490
155.00	156.00	1.00	H740767	0.5770	0.603	1810	1320	0.032	1.000	9	122	1685
156.00	157.00	1.00	H740768	1.7300	1.750	4900	2350	0.110	3.000	3	190	1870
157.00	158.17	1.17	H740769	2.7300	2.790	7120	3630	0.110	2.900	17	238	1655
158.17	159.00	0.83	H740771	0.2630	0.257	529	252	0.011	0.250	131	15	25
159.00	161.00	2.00	H740772	0.0298	0.028	40	30	0.001	0.250	3	2	11
161.00	163.00	2.00	H740773	0.0351	0.030	19	16	0.001	0.250	3	2	11
163.00	165.00	2.00	H740774	0.0018	0.002	4	4	0.001	0.250	3	1	9
165.00	166.75	1.75	H740775	0.0012	0.001	3	8	0.001	0.250	3	2	11
166.75	168.00	1.25	H740776	0.0056	0.004	70	451	0.001	0.250	3	94	968
168.00	168.80	0.80	H740777	0.0143	0.014	147	628	0.001	0.500	3	106	1380
168.80	170.20	1.40	H740778	0.0011	0.001	46	98	0.001	0.250	5	74	138
170.20	171.60	1.40	H740779	0.0008	0.001	36	36	0.001	0.250	9	54	22
171.60	173.05	1.45	H740781	0.0007	0.001	26	23	0.001	0.250	13	44	13
173.05	175.05	2.00	H740782	0.0005	0.001	2	3	0.001	0.250	7	2	6
175.05	177.05	2.00	H740783	0.0003	0.001	1	2	0.001	0.250	3	1	6

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

From m	To m	Code	Rock description
174.45	188.40	Fg	Alkali feldspar granite
188.40	190.70		Alkali feldspar granite
190.70	192.40		Alkali feldspar granite
192.40	195.25		Monzonite
195.25	199.50		Granite - Undifferentiated
199.50	206.80		Granite - Undifferentiated
206.80	216.60	Spt	Siltstone

Lithology | Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
206.80	216.60	Spt	Siltstone																			
216.60	219.50	Fg	Granite - Undifferentiated																			
219.50	223.15	Fg	Monzonite																			
223.15	236.30	SSS	Sandstone to Siltstone																			
236.30	253.50	SSS	Siltstone																			

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
236.30	253.50	SSS	Siltstone																			
253.50	261.70	Fgt	Tonalite																			
261.70	268.90	Spt	Siltstone																			
268.90	270.20	Fgt	Tonalite																			

240 245 250 255 260 265 270

Hole Number: BL09-110

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 24/05/2009
End Date: 27/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402530.85
Easting: 357830.98
Elevation: 507.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
268.90	270.20	Fgt	Tonalite
270.20	271.75	Spt	Siltstone
271.75	272.65	Fgt	Tonalite
272.65	274.80	Spt	Siltstone
274.80	276.00	Fgt	Tonalite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

270 275 280 285 290 295 300

Hole Number: BL09-111

Project: TBN
Claim #:842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 27/05/2009
End Date: 29/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402511.94
Easting: 357823.68
Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
0.00	1.20	Ovg	Overburden - Glacial
1.20	48.00	Fg	Granite - Undifferentiated

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

0 5 10 15 20 25 30

Hole Number: BL09-111

Project: TBN
Claim #:842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 27/05/2009
End Date: 29/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402511.94
Easting: 357823.68
Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
1.20	48.00	Fg	Granite - Undifferentiated
48.00	75.00	Fg	Granite - Undifferentiated

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-111

Project: TBN
Claim #:842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 27/05/2009
End Date: 29/05/2009

Magma Metals (Canada) Ltd.

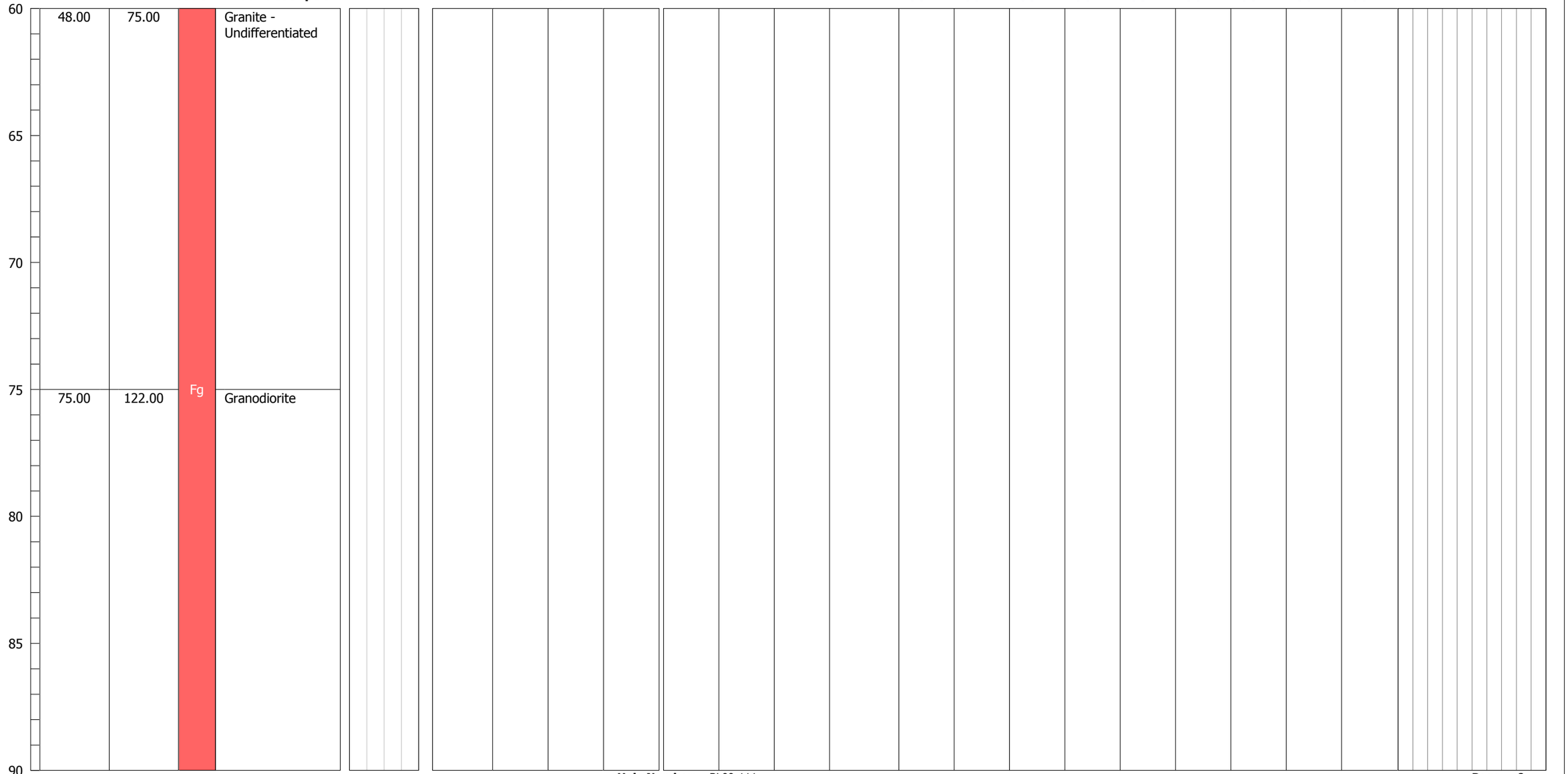
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402511.94
Easting: 357823.68
Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
48.00	75.00	Fg	Granite - Undifferentiated
75.00	122.00	Fg	Granodiorite



Hole Number: BL09-111

Project: TBN
Claim #:842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 27/05/2009
End Date: 29/05/2009

Magma Metals (Canada) Ltd.

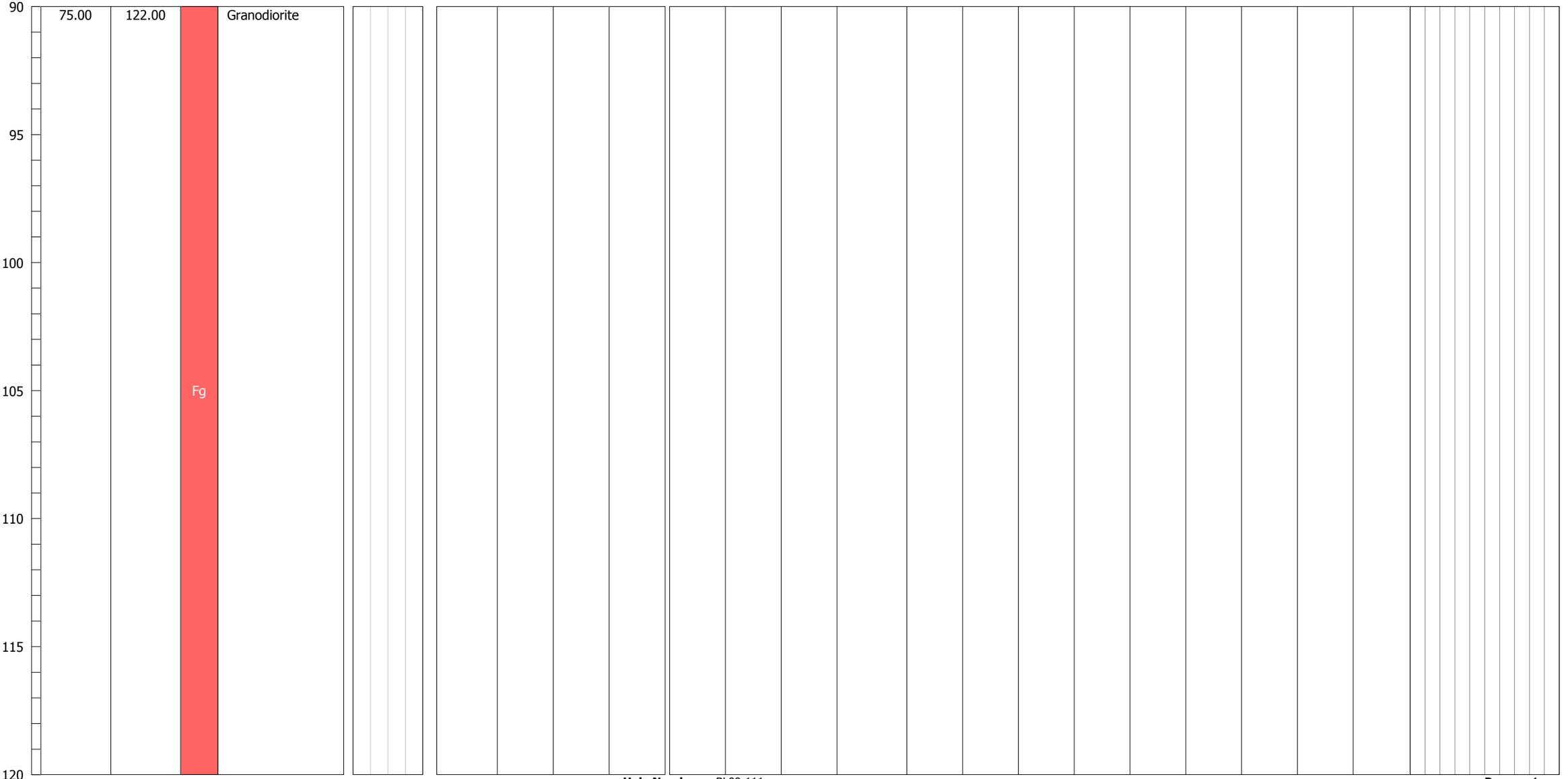
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402511.94
Easting: 357823.68
Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
75.00	122.00	Fg	Granodiorite



Hole Number: BL09-111

Project: TBN
Claim #:842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 27/05/2009
End Date: 29/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402511.94
Easting: 357823.68
Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

From m	To m	Code	Rock description
75.00	122.00	Fg	Granodiorite
122.00	129.40	Fg	Granite - Undifferentiated
129.40	132.30	Fg	Granite - Undifferentiated
132.30	134.65	Fg	Granite - Undifferentiated
134.65	135.00	Hr	Hybrid Classic Red
135.00	136.20	Fg	Granite - Undifferentiated
136.20	137.70	Hg	Hybrid Grey
137.70	149.00	Mgm	Gabbro - Melanocratic
149.00	157.00	Mgm	Gabbro - Melanocratic

From m	To m	Magsus	Sulphide %	Cpy %	Po %	Py %
134.65	135.00		1.0			1.0
135.00	136.20					
136.20	137.70					
137.70	149.00		1.1	0.5	0.5	0.1
149.00	157.00		2.5	0.5	2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
130.65	132.65	2.00	H744501	0.0007	0.002	11	3	0.002	0.250	5	1	8
132.65	134.65	2.00	H744502	0.0008	0.001	9	3	0.002	0.250	3	1	9
134.65	136.20	1.55	H744503	0.0309	0.031	19	31	0.002	0.250	10	10	41
136.20	137.70	1.50	H744504	0.0369	0.035	151	178	0.007	0.250	31	47	465
137.70	139.00	1.30	H744505	0.0693	0.067	238	640	0.006	0.250	93	88	997
139.00	140.00	1.00	H744506	0.1460	0.147	438	700	0.009	0.250	175	91	1085
140.00	141.00	1.00	H744507	0.2440	0.234	748	976	0.019	0.250	46	109	1580
141.00	142.00	1.00	H744508	0.0409	0.053	162	771	0.005	0.250	9	99	1610
142.00	143.00	1.00	H744509	0.2580	0.252	874	977	0.019	0.250	20	110	1715
143.00	144.00	1.00	H744511	0.1380	0.132	503	937	0.012	0.250	83	106	1705
144.00	145.00	1.00	H744512	0.0381	0.034	165	842	0.005	0.250	91	106	1920
145.00	146.00	1.00	H744513	0.0365	0.030	164	871	0.005	0.250	16	108	1860
146.00	147.00	1.00	H744514	0.0402	0.034	153	820	0.004	0.250	18	103	1720
147.00	148.00	1.00	H744515	0.5780	0.561	1465	1350	0.034	0.500	84	124	1640
148.00	149.00	1.00	H744516	1.5200	1.480	4510	2010	0.090	1.700	73	172	1735
149.00	150.00	1.00	H744517	1.3100	1.250	3760	1865	0.070	12.500	109	155	1575

Hole Number: BL09-111

Project: TBN
Claim #:842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 27/05/2009
End Date: 29/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402511.94
Easting: 357823.68
Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

From m	To m	Code	Rock description
149.00	157.00	Mgm	Gabbro - Melanocratic
157.00	162.00	Mgm	Gabbro - Melanocratic
162.00	163.08	Mgm	Gabbro - Melanocratic
163.08	165.45	Fg	Granite - Undifferentiated
165.45	166.40	Spt	Siltstone
166.40	166.70	Fg	Granite - Undifferentiated
166.70	167.00	Hr	Siltstone
167.00	168.00	Spt	Hybrid Classic Red
168.00	169.25	Hg	Hybrid Grey
169.25	172.00	Hr	Hybrid Classic Red
172.00	172.80	Fg	Granite - Undifferentiated
172.80	174.80	Ss	Schist
174.80	175.80	Fg	Granite - Undifferentiated
175.80	185.10	Ss	Schist

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
149.00	157.00	2.5	0.5	2.0	
157.00	162.00	18.9	3.0	15.0	0.9
162.00	163.08	1.0		0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H744518	0.6330	0.581	1490	1270	0.046	0.500	25	121	1815
151.00	152.00	1.00	H744519	0.6960	0.672	1700	1425	0.045	0.700	10	125	1915
152.00	153.00	1.00	H744521	0.2900	0.277	754	931	0.020	0.250	23	110	1600
153.00	154.00	1.00	H744522	1.1600	1.150	2860	1720	0.070	1.200	37	145	1600
154.00	155.00	1.00	H744523	1.6100	1.620	4010	1940	0.090	1.400	56	171	1635
155.00	156.00	1.00	H744524	1.8400	1.810	4330	1990	0.090	3.000	72	158	1415
156.00	157.00	1.00	H744525	2.1700	2.320	6160	4410	0.090	3.200	22	288	1640
157.00	158.00	1.00	H744526	3.0000	3.120	8800	6520	0.100	2.800	3	400	1890
158.00	159.00	1.00	H744527	3.3600	3.560	9490	5600	0.120	3.200	48	351	1580
159.00	160.00	1.00	H744528	4.2300	4.450	11150	5570	0.190	4.600	16	308	1780
160.00	161.00	1.00	H744529	4.5600	4.780	11650	5910	0.120	4.200	53	306	1490
161.00	162.00	1.00	H744531	4.0000	4.270	9730	4560	0.140	3.900	8	244	1600
162.00	163.12	1.12	H744532	6.2700	5.510	13500	2730	0.510	12.400	10	159	1950
163.12	165.45	2.33	H744533	0.0530	0.047	68	45	0.006	0.250	3	8	44
165.45	166.90	1.45	H744534	0.0296	0.025	71	73	0.005	0.250	3	20	102
166.90	168.00	1.10	H744535	0.0038	0.004	48	16	0.002	0.250	11	39	8
168.00	170.00	2.00	H744536	0.0026	0.002	49	52	0.001	0.250	5	57	47
170.00	172.00	2.00	H744537	0.0017	0.002	43	25	0.002	0.250	7	44	20
172.00	174.00	2.00	H744538	0.0024	0.002	13	50	0.002	0.250	3	14	83
174.00	176.00	2.00	H744539	0.0027	0.003	38	52	0.001	0.250	3	16	81

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-111

Project: TBN
Claim #:842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 27/05/2009
End Date: 29/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402511.94
Easting: 357823.68
Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

From m	To m	Code	Rock description
175.80	185.10	Ss	Schist
185.10	191.60	Fgd	Granodiorite
191.60	194.75	Ss	Schist
194.75	196.00	Fgd	Granodiorite
196.00	197.40	Ss	Schist
197.40	199.00	Fgd	Granodiorite
199.00	201.00	Ss	Schist
201.00	202.00	Fgd	Granodiorite
202.00	209.30	Ss	Schist
209.30	210.70	Fgd	Granodiorite

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-111

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Magma Metals (Canada) Ltd.

Drill Hole Logs

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Northing: 5402511.94
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Elevation: 507.96

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
209.30	210.70	Fgd	Granodiorite
210.70	213.00	Spt	Siltstone

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-112

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 30/05/2009
End Date: 01/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402587.37
Easting: 357859.77
Elevation: 502.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
0.00	1.80	Ovg	Overburden - Glacial
1.80	7.35	Fgd	Granodiorite
7.35	37.25	Fgd	Granite - Undifferentiated

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-112

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 30/05/2009
End Date: 01/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402587.37
Easting: 357859.77
Elevation: 502.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
7.35	37.25	Fgd	Granite - Undifferentiated
37.25	42.90		Granite - Undifferentiated
42.90	90.05		Granite - Undifferentiated

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

30 35 40 45 50 55 60

Hole Number: BL09-112

Project: TBN
Claim #: 842186
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Drill Company: George Downing Estate Drilling
Start Date: 30/05/2009
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Magma Metals (Canada) Ltd.

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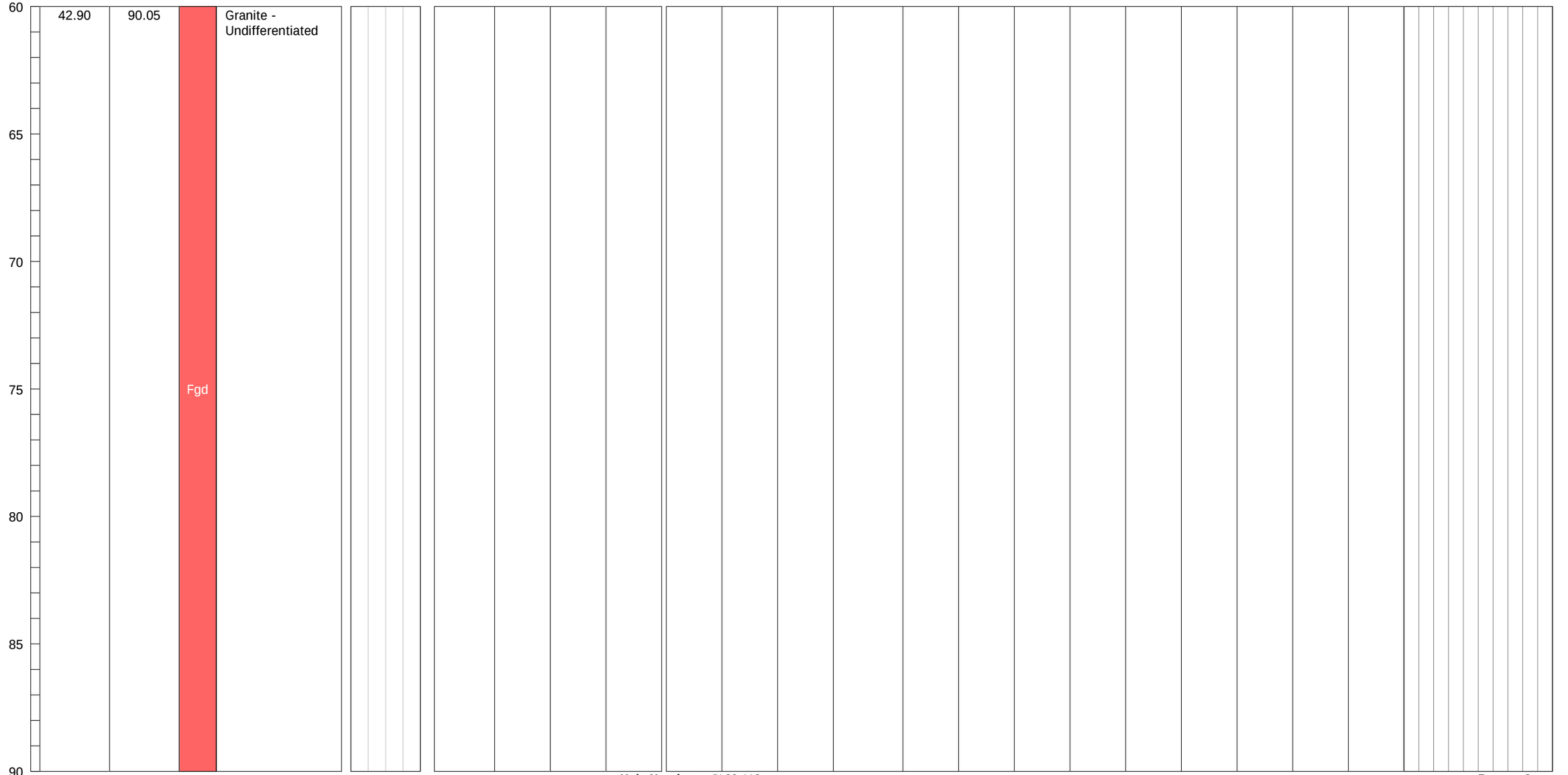
Coordinates (NAD 83, Zone 16)

Northing: 5402587.37
Easting: 357859.77
Elevation: 502.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
42.90	90.05	Fgd	Granite - Undifferentiated



Hole Number: BL09-112

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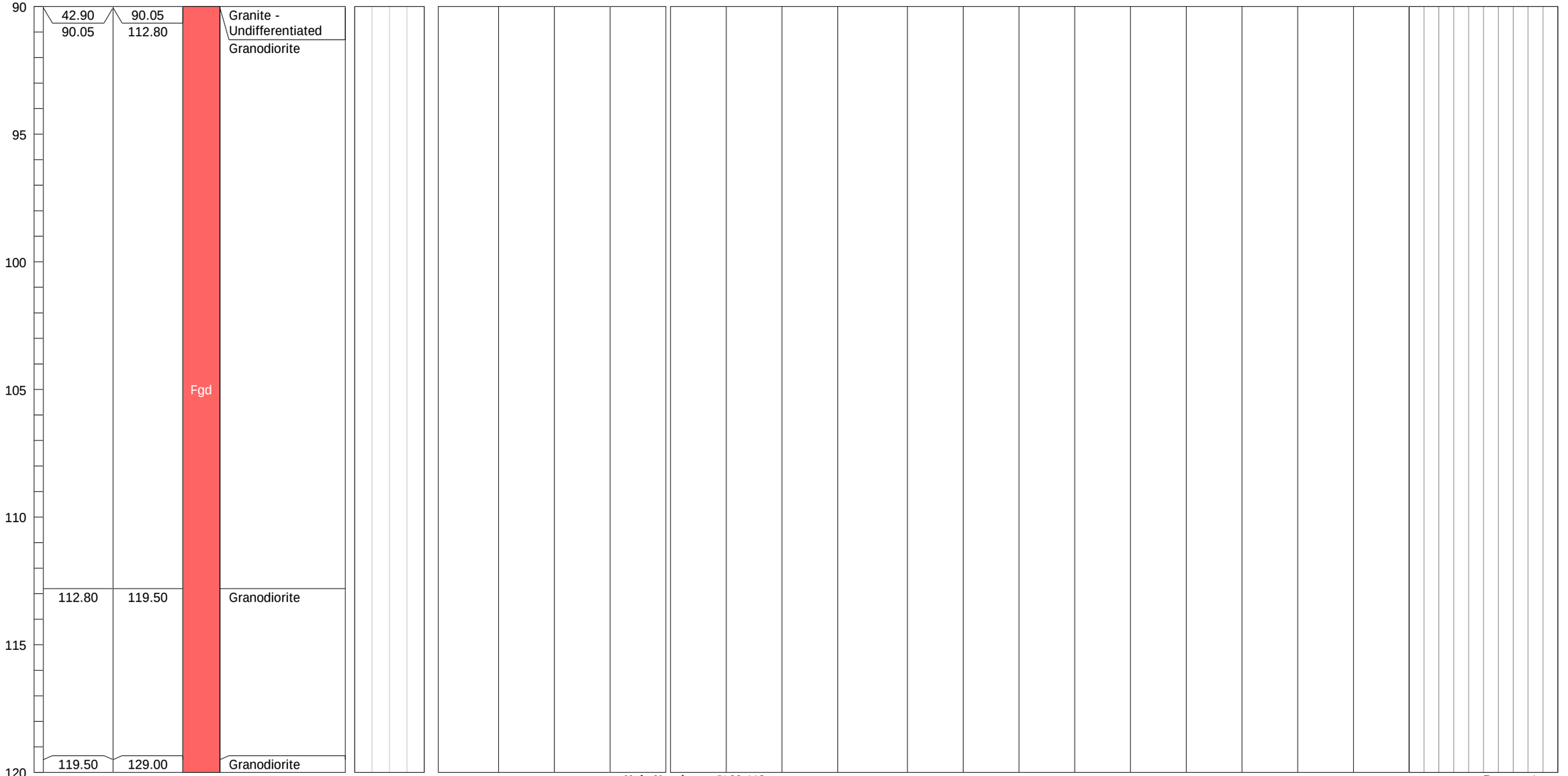
Coordinates (NAD 83, Zone 16)

Northing: 5402587.37
Easting: 357859.77
Elevation: 502.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
42.90	90.05	Fgd	Granite - Undifferentiated
90.05	112.80	Fgd	Granodiorite
112.80	119.50	Fgd	Granodiorite
119.50	129.00	Fgd	Granodiorite



From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-112

Project: TBN
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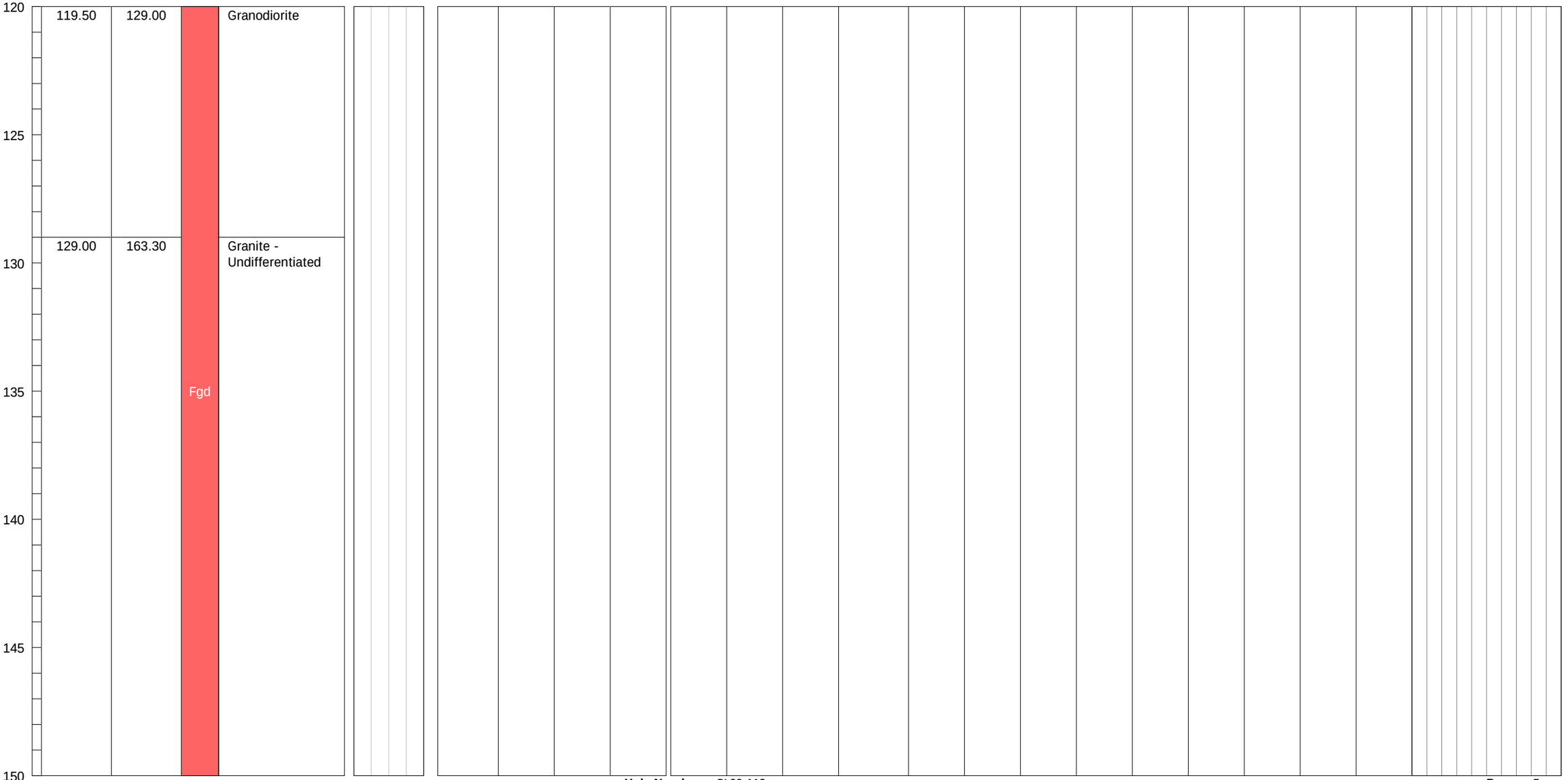
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402587.37
Easting: 357859.77
Elevation: 502.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
119.50	129.00	Fgd	Granodiorite
129.00	163.30	Fgd	Granite - Undifferentiated



Hole Number: BL09-112

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Drill Company: George Downing Estate Drilling
Start Date: 30/05/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402587.37
Easting: 357859.77
Elevation: 502.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
129.00	163.30	Fgd	Granite - Undifferentiated
163.30	165.10	Hr	Hybrid Classic Red
165.10	167.00	Hg	Hybrid Grey
167.00	169.30	Hr	Hybrid Classic Red
169.30	201.00	Fg	Granite - Undifferentiated

From m	Sulphide %	Cpy %	Po %	Py %
163.30	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
159.30	161.30	2.00	H744541	0.0003	0.001	11	50	0.001	0.250	3	3	10
161.30	163.30	2.00	H744542	0.0003	0.001	6	25	0.001	0.250	3	2	13
163.30	165.30	2.00	H744543	0.0003	0.001	36	40	0.001	0.250	10	50	23
165.30	167.30	2.00	H744544	0.0005	0.001	36	74	0.001	0.250	11	69	62
167.30	169.30	2.00	H744545	0.0003	0.001	31	29	0.001	0.250	5	44	11
169.30	171.00	1.70	H744546	0.0003	0.001	4	8	0.001	0.250	3	2	9
171.00	173.00	2.00	H744547	0.0003	0.001	6	7	0.001	0.250	3	3	13

Hole Number: BL09-112

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 30/05/2009
End Date: 01/06/2009

Magma Metals (Canada) Ltd.

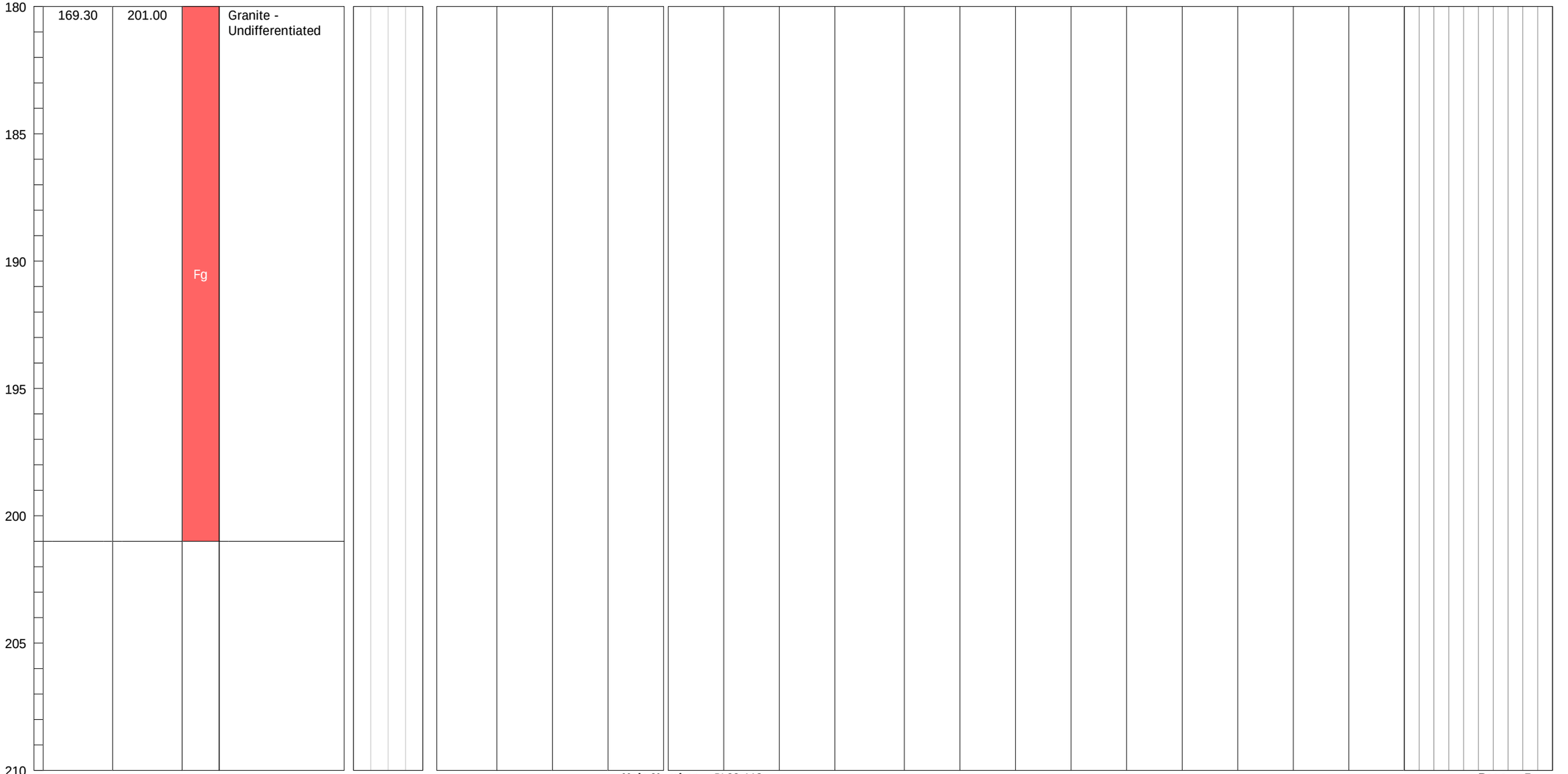
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402587.37
Easting: 357859.77
Elevation: 502.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Lithology Code	Rock description
169.30	201.00	Fg	Granite - Undifferentiated



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

Lithology From m	To m	Code	Rock description
0.00	2.50	Ovg	Overburden - Glacial
2.50	18.00	Fg	Granite - Undifferentiated
18.00	18.80	Spt	Siltstone
18.80	32.80	Fg	Granite - Undifferentiated

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
18.80	32.80	Fg	Granite - Undifferentiated		0.1			0.1														
32.80	35.70	Fg	Granite - Undifferentiated																			
35.70	54.10	Fg	Granite - Undifferentiated																			
54.10	81.00	Fg	Granodiorite																			

Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

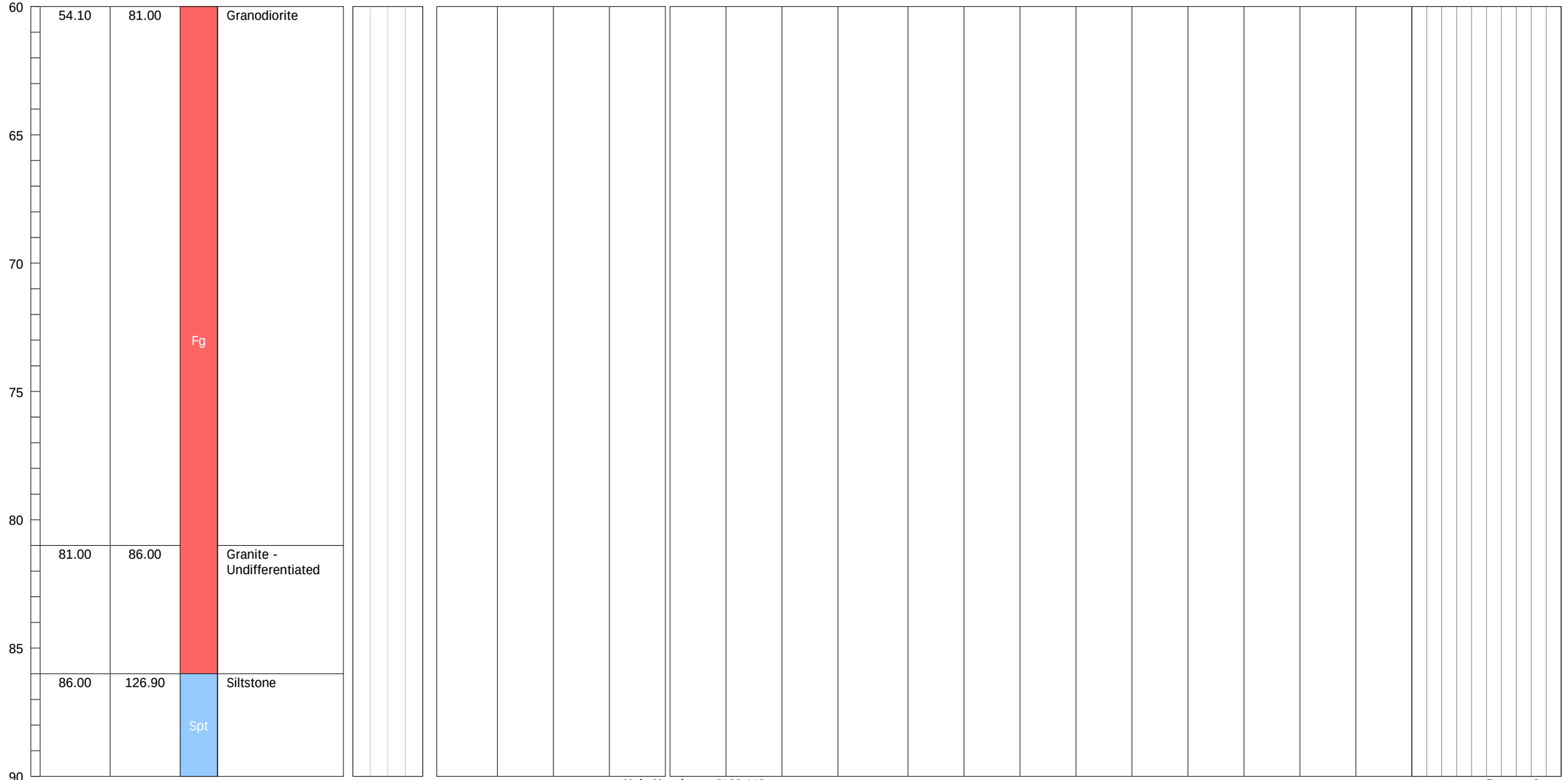
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

Lithology From m	To m	Code	Rock description
54.10	81.00	Fg	Granodiorite
81.00	86.00		Granite - Undifferentiated
86.00	126.90	Spt	Siltstone



Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

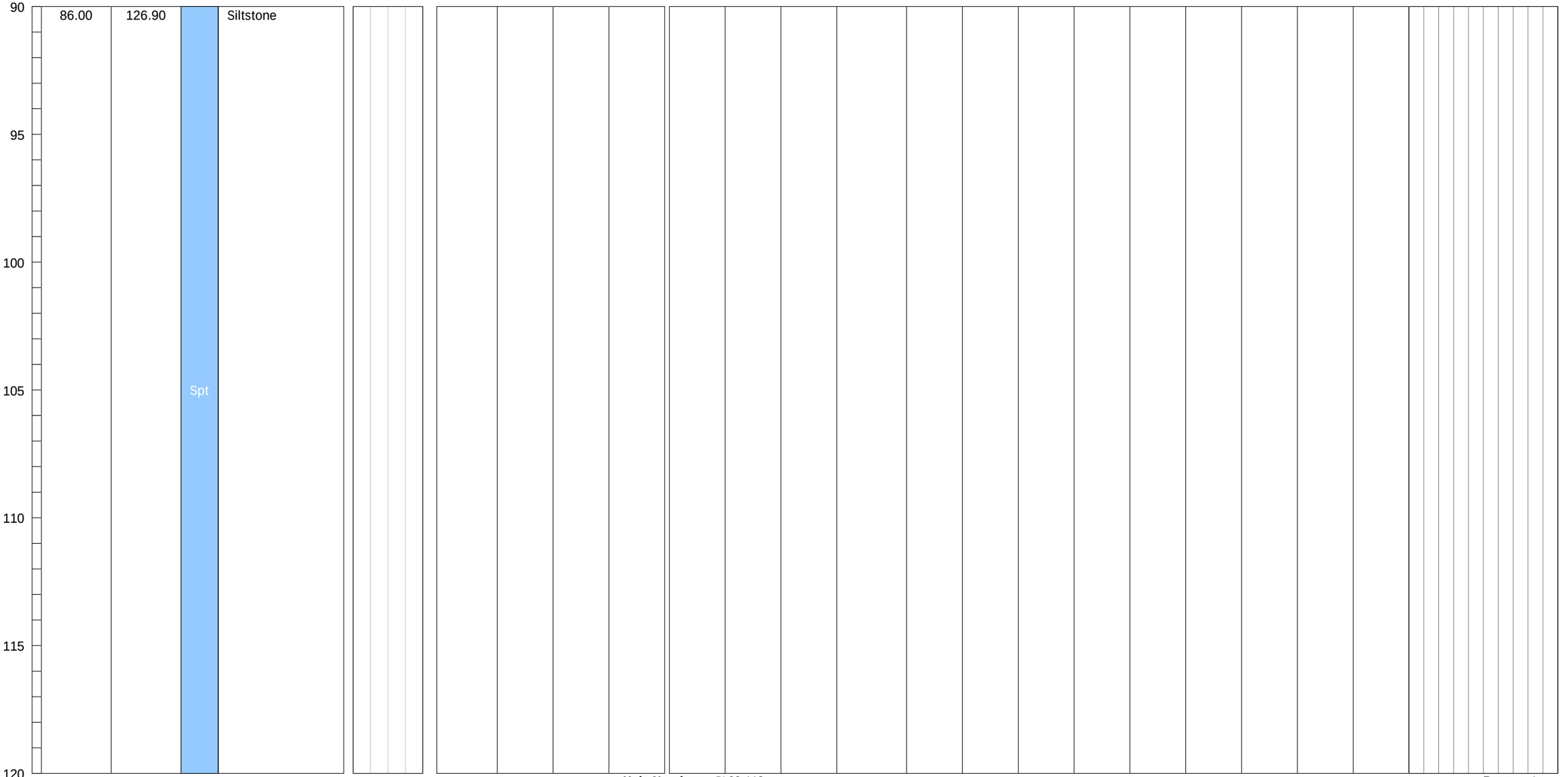
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

Lithology From m	To m	Code	Rock description
86.00	126.90	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

From m	To m	Code	Rock description
86.00	126.90	Spt	Siltstone
126.90	127.70	Fgt	Tonalite
127.70	132.20	Spt	Siltstone
132.20	140.00	Spt	Sandstone
140.00	142.80	Fgd	Granodiorite
142.80	146.20	Spt	Siltstone
146.20	147.10	Hg	Hybrid Grey
147.10	153.20	Hc	Hybrid Classic Red

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
142.80	1.0			1.0
146.20	1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
142.80	144.50	1.70	H744548	0.0017	0.002	64	65	0.002	0.900	6	16	83
144.50	146.20	1.70	H744549	0.0028	0.004	48	93	0.003	1.300	6	23	104
146.20	147.20	1.00	H744551	0.0600	0.049	225	143	0.009	0.600	17	37	230
147.20	149.20	2.00	H744552	0.0924	0.066	191	85	0.006	0.250	11	27	126
149.20	151.20	2.00	H744553	0.1430	0.115	297	142	0.008	0.250	17	28	136

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

From m	To m	Code	Rock description
147.10	153.20	Hr	Hybrid Classic Red
153.20	162.00	Mgm	Gabbro - Melanocratic
162.00	169.80	Upd	Peridotite
169.80	183.25	Mgm	Gabbro - Melanocratic

From m	Sulphide %	Cpy %	Po %	Py %
147.10	1.0			1.0
153.20	1.0	0.5	0.5	
162.00	1.8	0.9	0.9	
	1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
149.20	151.20	2.00	H744553	0.1430	0.115	297	142	0.008	0.250	17	28	136
151.20	153.20	2.00	H744554	0.0900	0.105	142	97	0.012	0.250	14	25	155
153.20	155.00	1.80	H744555	0.3550	0.306	570	697	0.020	0.250	18	106	954
155.00	157.00	2.00	H744556	0.4120	0.361	972	1230	0.026	0.500	8	122	2360
157.00	159.00	2.00	H744557	0.3310	0.301	995	1510	0.023	0.800	3	138	3030
159.00	161.00	2.00	H744558	0.2690	0.233	766	1460	0.019	0.500	6	137	2890
161.00	163.00	2.00	H744559	0.8880	0.868	2940	2800	0.053	1.500	15	186	3070
163.00	165.00	2.00	H744561	0.4240	0.365	1200	1710	0.031	1.000	10	147	3230
165.00	167.00	2.00	H744562	0.8080	0.810	2600	2350	0.070	1.500	6	177	3090
167.00	169.00	2.00	H744563	0.2440	0.231	805	1480	0.022	0.800	3	148	3080
169.00	171.00	2.00	H744564	0.5090	0.461	1600	1900	0.039	0.900	6	163	2830
171.00	173.00	2.00	H744565	0.8050	0.763	2540	2250	0.060	1.700	3	173	2640
173.00	175.00	2.00	H744566	0.6670	0.614	2110	1980	0.054	1.700	3	160	3070
175.00	177.00	2.00	H744567	0.2240	0.202	726	1380	0.020	0.250	3	135	2910
177.00	179.00	2.00	H744568	0.3250	0.296	1030	1490	0.027	0.800	3	144	3130
179.00	181.00	2.00	H744569	0.1740	0.152	578	994	0.017	0.250	11	132	2680

Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

From m	To m	Code	Rock description
169.80	183.25	Mgm	Gabbro - Melanocratic
183.25	185.00	Hr	Hybrid Classic Red
185.00	193.50	Fg	Granite - Undifferentiated
193.50	195.20	Spt	Siltstone
195.20	198.10	Fgt	Tonalite
198.10	203.70	Spt	Siltstone
203.70	213.40	Fgt	Tonalite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
179.00	181.00	2.00	H744569	0.1740	0.152	578	994	0.017	0.250	11	132	2680
181.00	182.00	1.00	H744571	0.1910	0.172	704	1340	0.017	0.250	8	130	2640
182.00	183.25	1.25	H744572	0.0180	0.018	241	680	0.004	0.500	3	121	1490
183.25	185.00	1.75	H744573	0.0029	0.003	67	49	0.003	0.250	5	19	68
185.00	187.00	2.00	H744574	0.0011	0.001	5	8	0.002	0.250	3	3	17
187.00	189.00	2.00	H744575	0.0009	0.001	4	5	0.003	0.250	3	2	13

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-113

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 01/06/2009
End Date: 04/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402499.11
Easting: 357925.53
Elevation: 508.51

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 228.00

Lithology From m	To m	Code	Rock description
203.70	213.40	Fgt	Tonalite
213.40	216.60	Spt	Siltstone
216.60	228.00	Fgt	Tonalite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

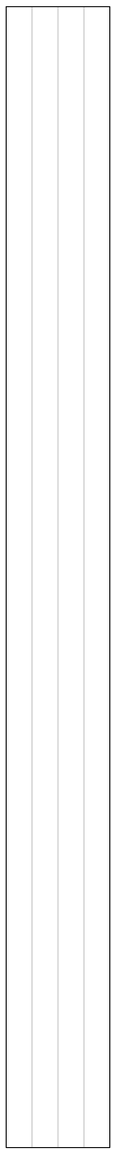
Drill Hole Logs

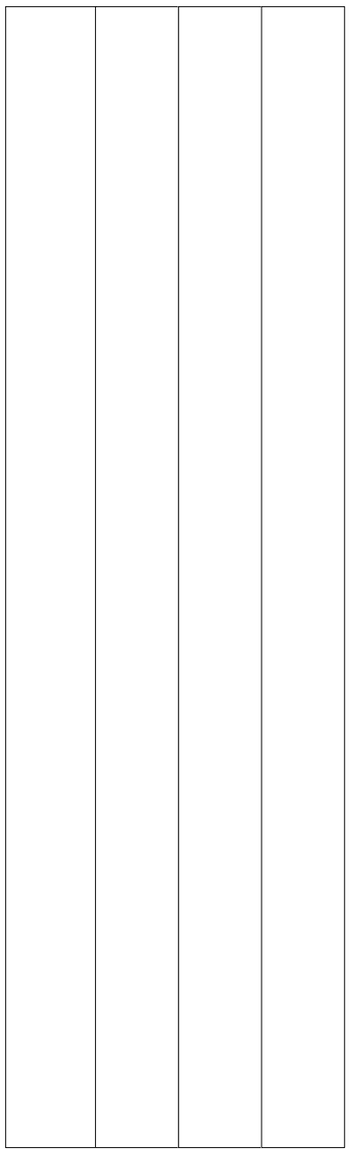
Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

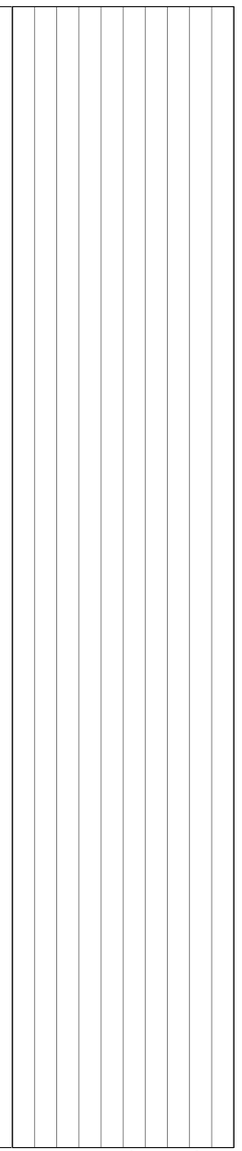
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

Lithology From m	To m	Code	Rock description
0.00	2.60	Ovg	Overburden - Glacial
2.60	7.00	Spt	Siltstone
7.00	24.20	Spt	Schist
24.20	31.15	Fgt	Tonalite





From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm



Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

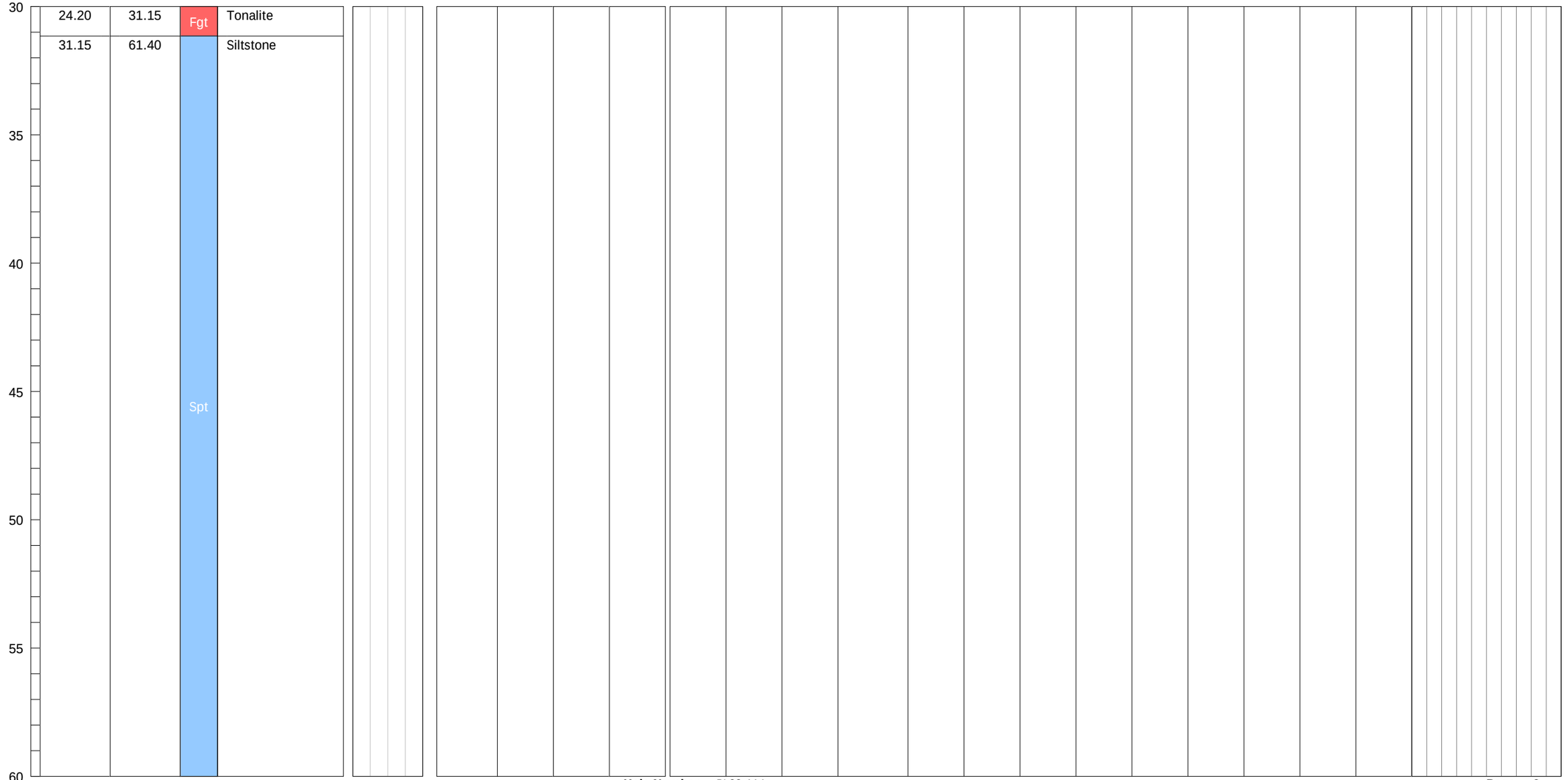
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

Lithology From m	To m	Code	Rock description
24.20	31.15	Fgt	Tonalite
31.15	61.40	Spt	Siltstone



Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

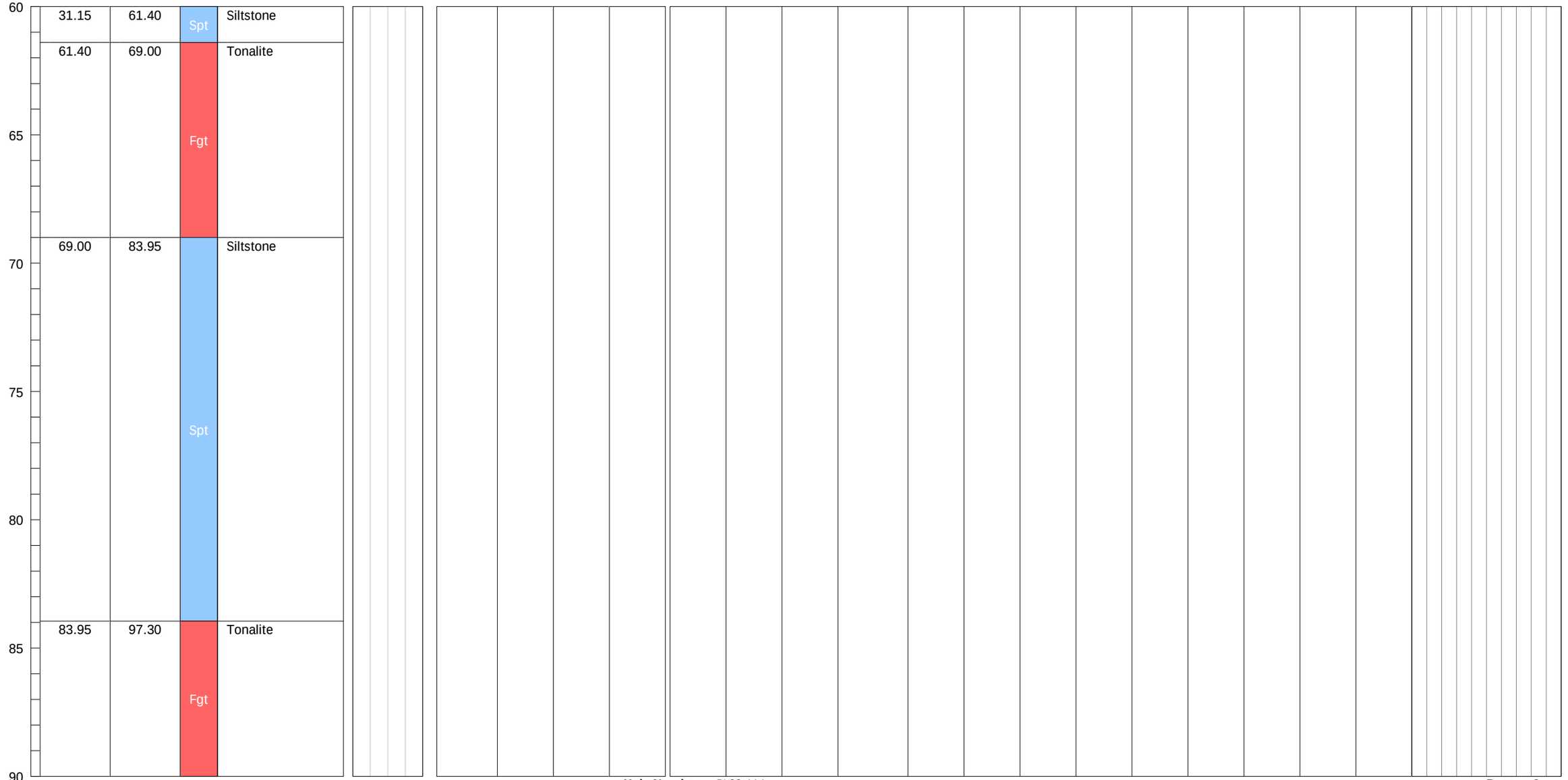
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

From m	To m	Code	Rock description
31.15	61.40	Spt	Siltstone
61.40	69.00	Fgt	Tonalite
69.00	83.95	Spt	Siltstone
83.95	97.30	Fgt	Tonalite



Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

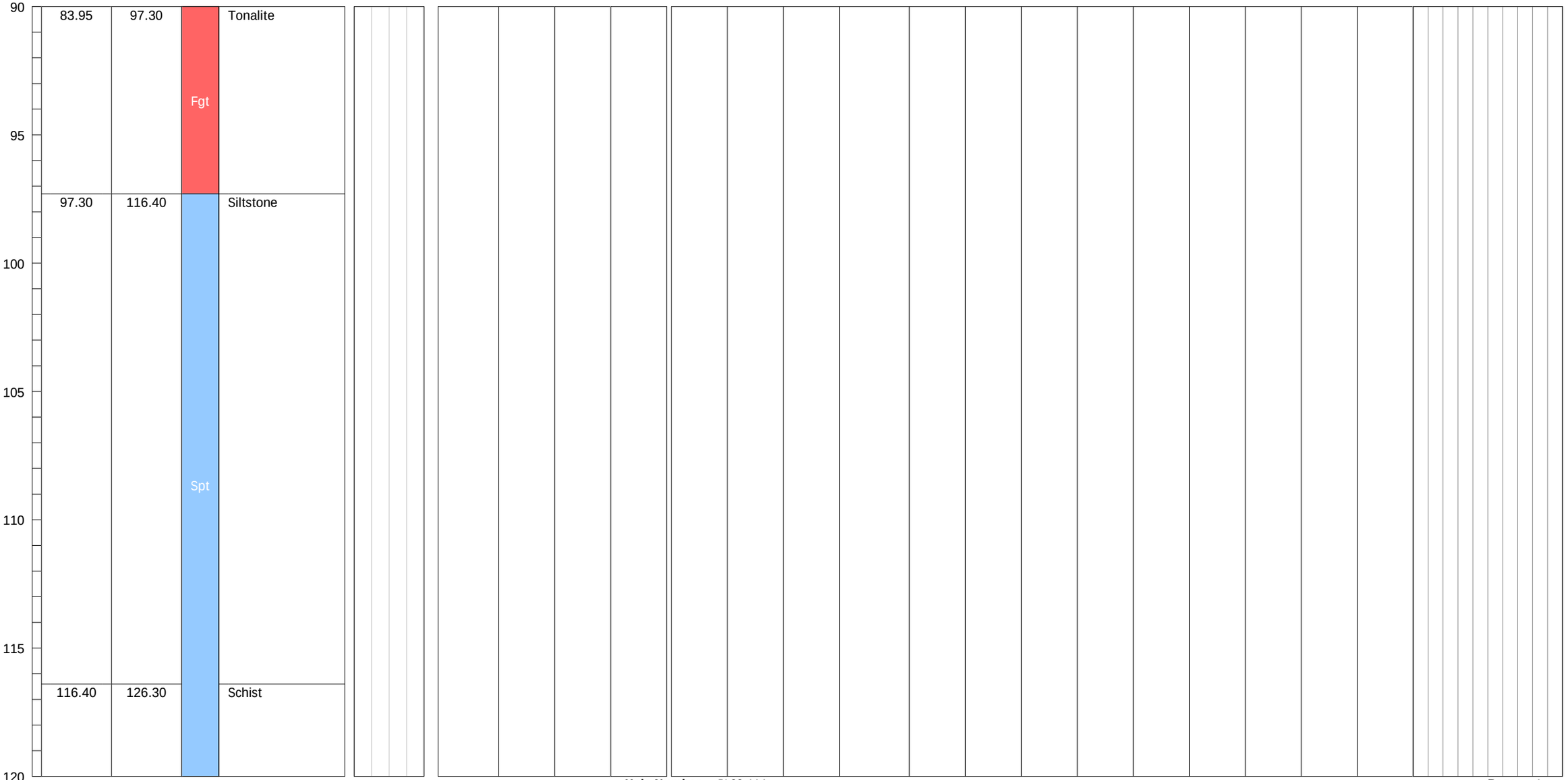
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

From m	To m	Code	Rock description
83.95	97.30	Fgt	Tonalite
97.30	116.40	Spt	Siltstone
116.40	126.30	Spt	Schist



Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

Lithology From m	To m	Code	Rock description
116.40	126.30	Spt	Schist
126.30	129.00		Sedimentary Gneiss
129.00	137.00		Schist
137.00	139.15	Fg	Granite - Undifferentiated
139.15	142.00	Spt	Siltstone
142.00	142.90	Fg	Granite - Undifferentiated
142.90	144.25	Spt	Siltstone
144.25	145.30	Fg	Granite - Undifferentiated
145.30	148.10	Hr	Hybrid Classic Red
148.10	160.87	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
142.90	144.25	1.35	H744576	0.0022	0.002	9	71	0.002	0.250	13	19	106
144.25	145.30	1.05	H744577	0.0014	0.001	13	13	0.003	0.250	3	3	21
145.30	147.00	1.70	H744578	0.0190	0.011	10	35	0.004	0.250	3	9	78
147.00	148.10	1.10	H744579	0.0236	0.019	11	39	0.004	0.250	13	13	88
148.10	150.00	1.90	H744581	0.4560	0.371	725	917	0.028	0.500	40	97	1430

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

Lithology From m	To m	Code	Rock description
148.10	160.87	Mgm	Gabbro - Melanocratic
160.87	164.50	Hg	Hybrid Grey
164.50	168.40	Ss	Schist
168.40	171.15		Schist
171.15	174.25		Schist
174.25	181.80	Fg	Granite - Undifferentiated

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	
2.0		2.0	
17.0	5.0	10.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	152.00	2.00	H744582	0.2180	0.175	394	948	0.013	0.250	15	104	2100
152.00	154.00	2.00	H744583	0.7560	0.633	1390	1460	0.043	1.000	7	123	2380
154.00	156.00	2.00	H744584	0.9560	0.802	1820	1640	0.054	1.400	3	127	2470
156.00	157.00	1.00	H744585	1.0100	0.910	2080	1750	0.060	1.500	3	136	2300
157.00	158.00	1.00	H744586	0.4270	0.365	879	1180	0.028	0.600	3	112	2190
158.00	159.00	1.00	H744587	1.2300	1.120	2620	2120	0.070	1.800	3	145	2010
159.00	160.00	1.00	H744588	3.5300	3.380	7480	5150	0.140	3.300	3	288	1760
160.00	160.87	0.87	H744589	7.5600	6.160	14250	4630	0.390	9.600	6	243	1370
160.87	162.50	1.63	H744591	1.0300	0.910	1860	470	0.080	3.100	19	79	46
162.50	164.50	2.00	H744592	0.0152	0.010	58	36	0.003	0.250	7	46	25
164.50	166.50	2.00	H744593	0.0060	0.005	58	84	0.002	0.250	6	25	133
166.50	168.40	1.90	H744594	0.0039	0.003	59	77	0.002	0.250	5	26	129

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

Lithology From m	To m	Code	Rock description
174.25	181.80	Fg	Granite - Undifferentiated
181.80	208.50	Ss	Schist
208.50	214.50	Fgt	Tonalite

Magsus 0 100 200

Sulphide %

Cpy %

Po %

Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-114

Project: TBN
Claim #: 842186
Logged: Leon Ma

Drill Company: George Downing Estate Drilling
Start Date: 05/06/2009
End Date: 06/06/2009

Magma Metals (Canada) Ltd.

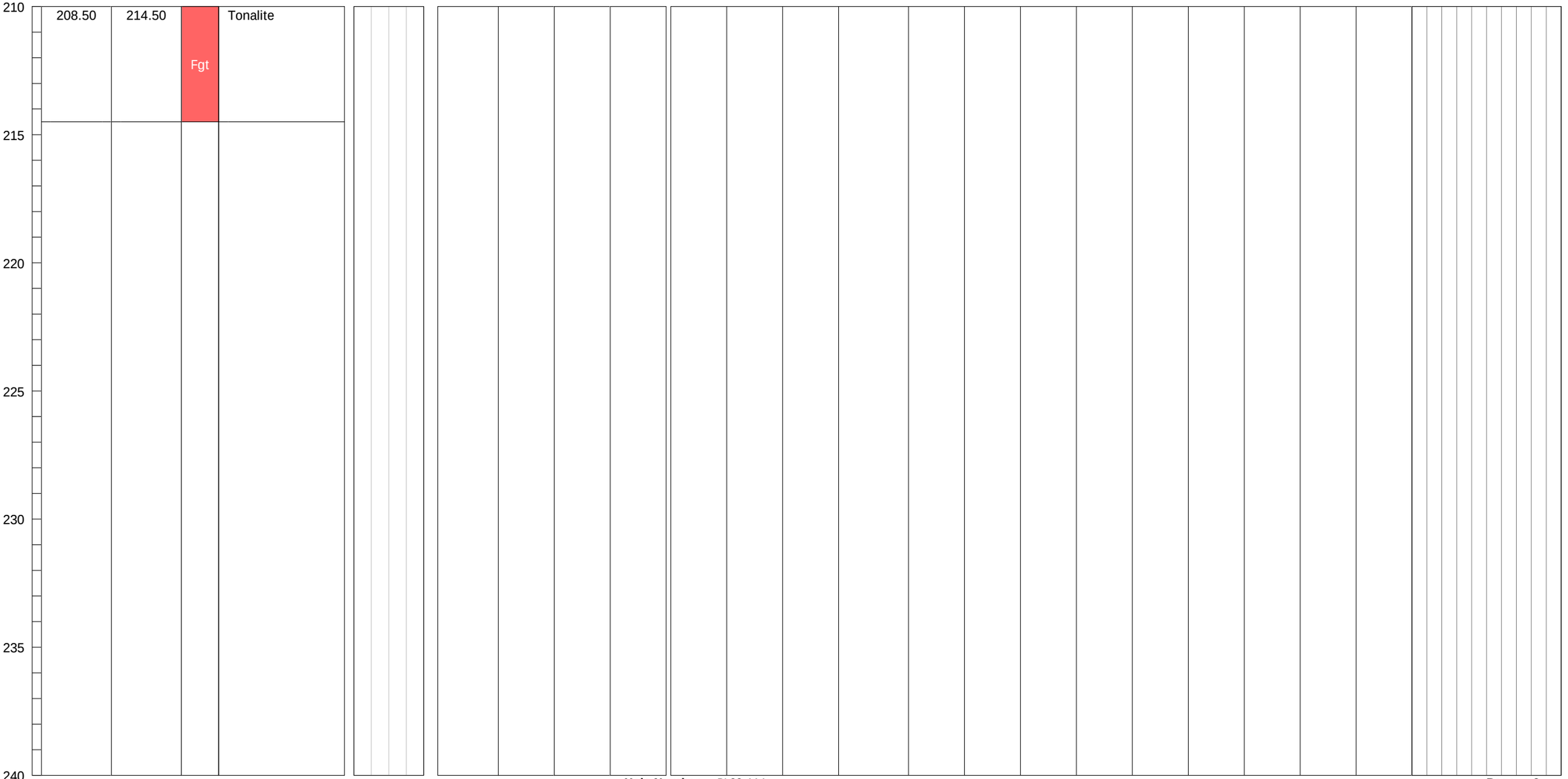
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402450.33
Easting: 357905.16
Elevation: 505.47

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 214.50

Lithology From m	To m	Code	Rock description
208.50	214.50	Fgt	Tonalite



Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
0.00	4.55	Ss	Schist
4.55	6.00	Fgt	Tonalite
6.00	10.90	Spt	Siltstone
10.90	12.00	Fgt	Tonalite
12.00	12.90	Spt	Siltstone
12.90	13.40	Fgt	Tonalite
13.40	15.25	Spt	Siltstone
15.25	22.40	Fgt	Tonalite
22.40	26.40	Spt	Siltstone
26.40	26.80	Fgt	Tonalite
26.80	60.70	Spt	Siltstone

Lithology
Magsus 0 100 200
Sulphide Cpy % Po % Py %
From m | To m | Interval Sample m | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | As ppm | Co ppm | Cr ppm
Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
26.80	60.70	Spt	Siltstone																			

Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

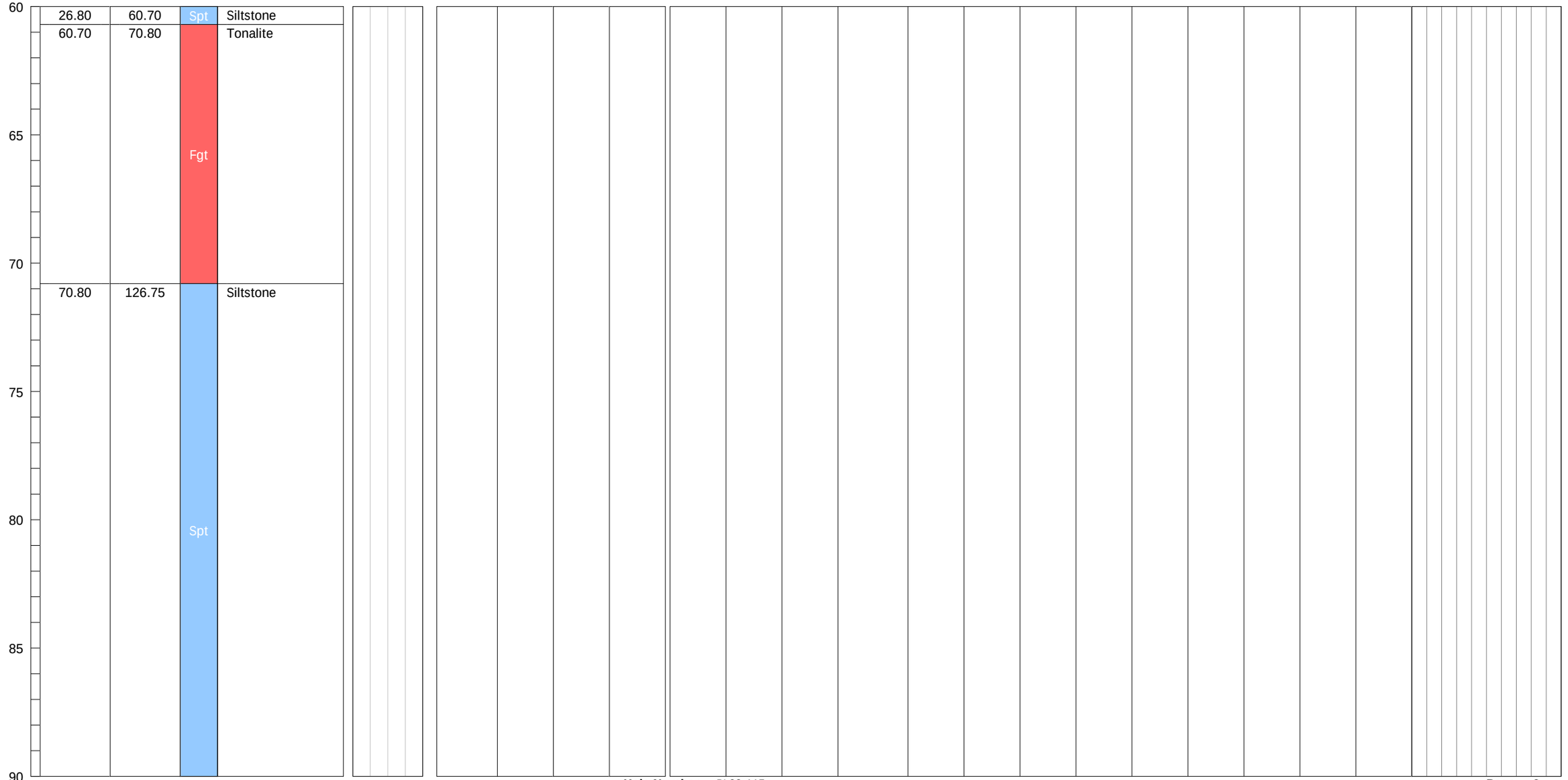
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
26.80	60.70	Spt	Siltstone
60.70	70.80	Fgt	Tonalite
70.80	126.75	Spt	Siltstone



Lithology | Magsus | Sulphide | Cpy | Po | Py | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | As ppm | Co ppm | Cr ppm | Pt + Pd (ppm)

Magsus: 0 100 200
Sulphide %
Cpy %
Po %
Py %
Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

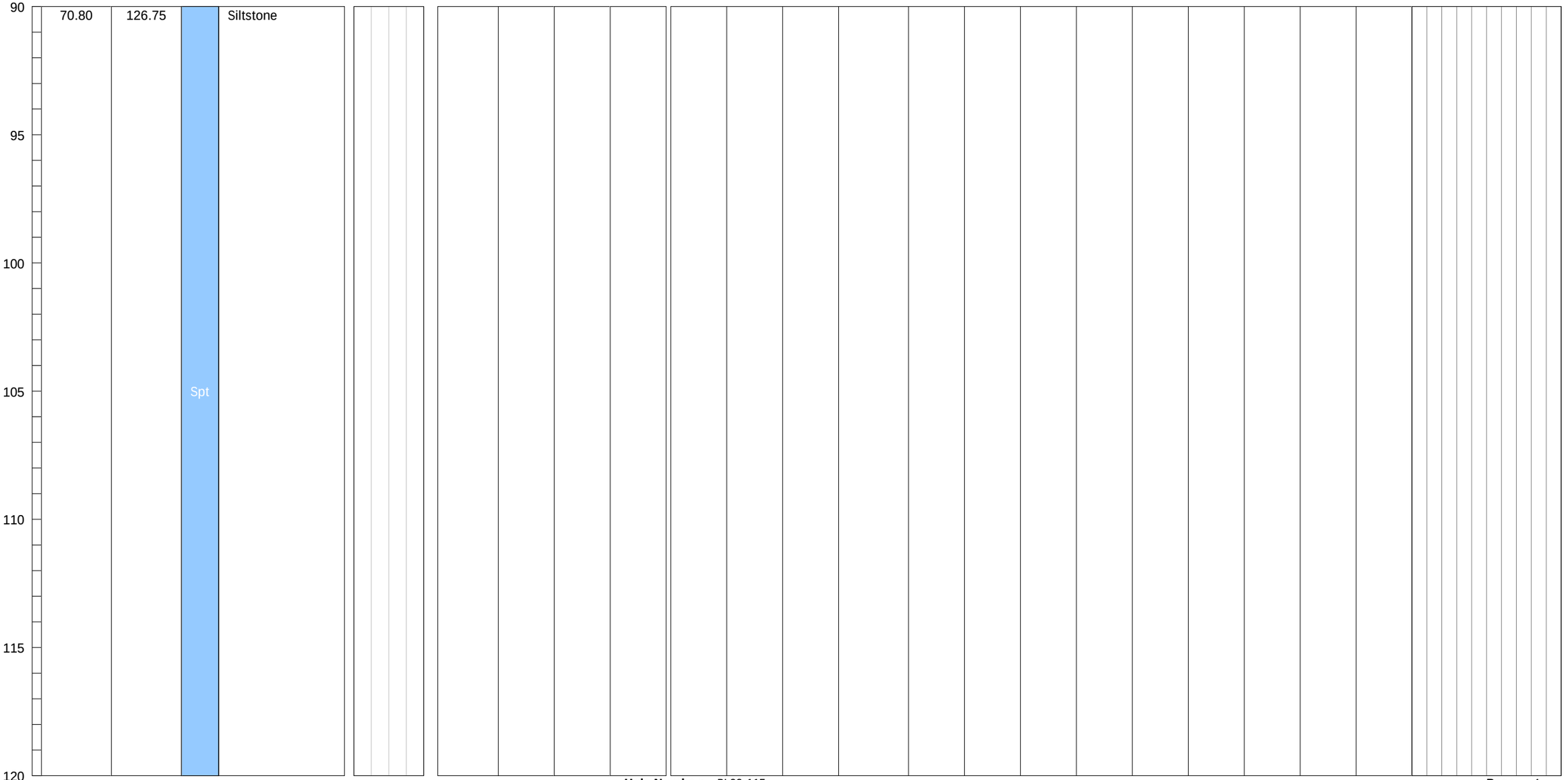
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
70.80	126.75	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
70.80	126.75	Spt	Siltstone
126.75	127.50	Fgg	Alkali feldspar granite
127.50	128.35	Spt	Siltstone
128.35	131.00	Fgg	Alkali feldspar granite
131.00	135.00	Spt	Siltstone
135.00	137.00	Hg	Hybrid Grey
137.00	138.35	Hg	Hybrid Grey
138.35	138.52	Spt	Hybrid Grey
138.52	145.70	Spt	Siltstone
145.70	147.40	Hg	Hybrid Classic Red
147.40	148.70	Hr	Hybrid Classic Red
148.70	149.10	Hr	Hybrid Classic Red
149.10	150.50	Hr	Hybrid Classic Red

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Sulphide %	Cpy %	Po %	Py %
131.00	133.00	2.00	H740784	0.0019	0.001	25	56	0.002	0.250	5	17	99				
133.00	135.00	2.00	H740785	0.0016	0.001	26	40	0.003	0.250	9	18	74				
135.00	136.75	1.75	H740786	0.0078	0.005	33	43	0.002	0.250	11	46	20	2.0			2.0
136.75	138.52	1.77	H740788	0.0054	0.001	56	33	0.001	0.250	20	48	20				
138.52	140.50	1.98	H740789	0.0055	0.003	32	57	0.002	0.250	12	18	84				
140.50	142.50	2.00	H740790	0.0015	0.001	25	42	0.002	0.250	7	16	87				
142.50	144.10	1.60	H740791	0.0021	0.001	19	47	0.002	0.250	12	19	88				
144.10	145.70	1.60	H740792	0.0033	0.002	13	49	0.001	0.250	18	19	90				
145.70	147.40	1.70	H740793	0.0032	0.002	106	12	0.002	0.250	11	37	6				
147.40	148.70	1.30	H740794	0.0017	0.001	32	72	0.002	0.250	8	21	121				
148.70	150.50	1.80	H740795	0.0225	0.019	16	30	0.003	68.100	15	10	74				

Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
149.10	150.50	Hr	Hybrid Classic Red Peridotite
150.50	159.75	Upd	
159.75	166.90	Mgm	Gabbro - Melanocratic
166.90	167.60	Fgg	Alkali feldspar granite
167.60	168.00	Upd	
168.00	168.40	Hg	Peridotite
168.40	168.85	Fgg	Hybrid Grey Alkali feldspar granite
168.85	185.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.9	0.9	1.0	
0.6	0.1	0.5	
3.5	0.5	3.0	
7.9	0.9	7.0	
1.0			1.0
4.0	2.0	2.0	
90.0	20.0	60.0	10.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
148.70	150.50	1.80	H740795	0.0225	0.019	16	30	0.003	68.100	15	10	74
150.50	152.00	1.50	H740796	0.1920	0.165	361	658	0.010	4.400	22	89	1080
152.00	154.00	2.00	H740798	0.0516	0.044	133	709	0.005	0.250	11	97	1320
154.00	156.00	2.00	H740799	0.1090	0.092	166	864	0.007	0.250	5	105	1710
156.00	158.00	2.00	H740800	0.3660	0.337	699	1130	0.019	0.800	6	113	2280
158.00	160.00	2.00	H740801	0.5340	0.498	1050	1360	0.031	0.700	3	121	2550
160.00	162.00	2.00	H740802	0.4650	0.422	839	1270	0.031	0.800	14	112	2990
162.00	163.00	1.00	H740803	0.1640	0.139	334	982	0.012	0.500	41	101	2870
163.00	164.00	1.00	H740804	0.1410	0.115	291	945	0.011	0.700	36	98	2640
164.00	165.00	1.00	H740805	0.4740	0.414	866	1250	0.025	0.500	19	113	2440
165.00	166.00	1.00	H740806	1.8700	1.710	3390	2050	0.110	1.500	24	144	1640
166.00	166.90	0.90	H740808	1.0100	0.950	2120	1830	0.050	1.900	44	140	1310
166.90	167.60	0.70	H740809	0.9220	0.918	1820	1240	0.027	1.200	94	65	30
167.60	168.40	0.80	H740810	2.8800	2.990	4920	3840	0.100	4.100	41	165	575
168.40	170.40	2.00	H740811	0.4560	0.350	523	104	0.046	0.250	14	13	85
170.40	172.40	2.00	H740812	0.0032	0.002	17	62	0.001	0.250	7	19	101

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

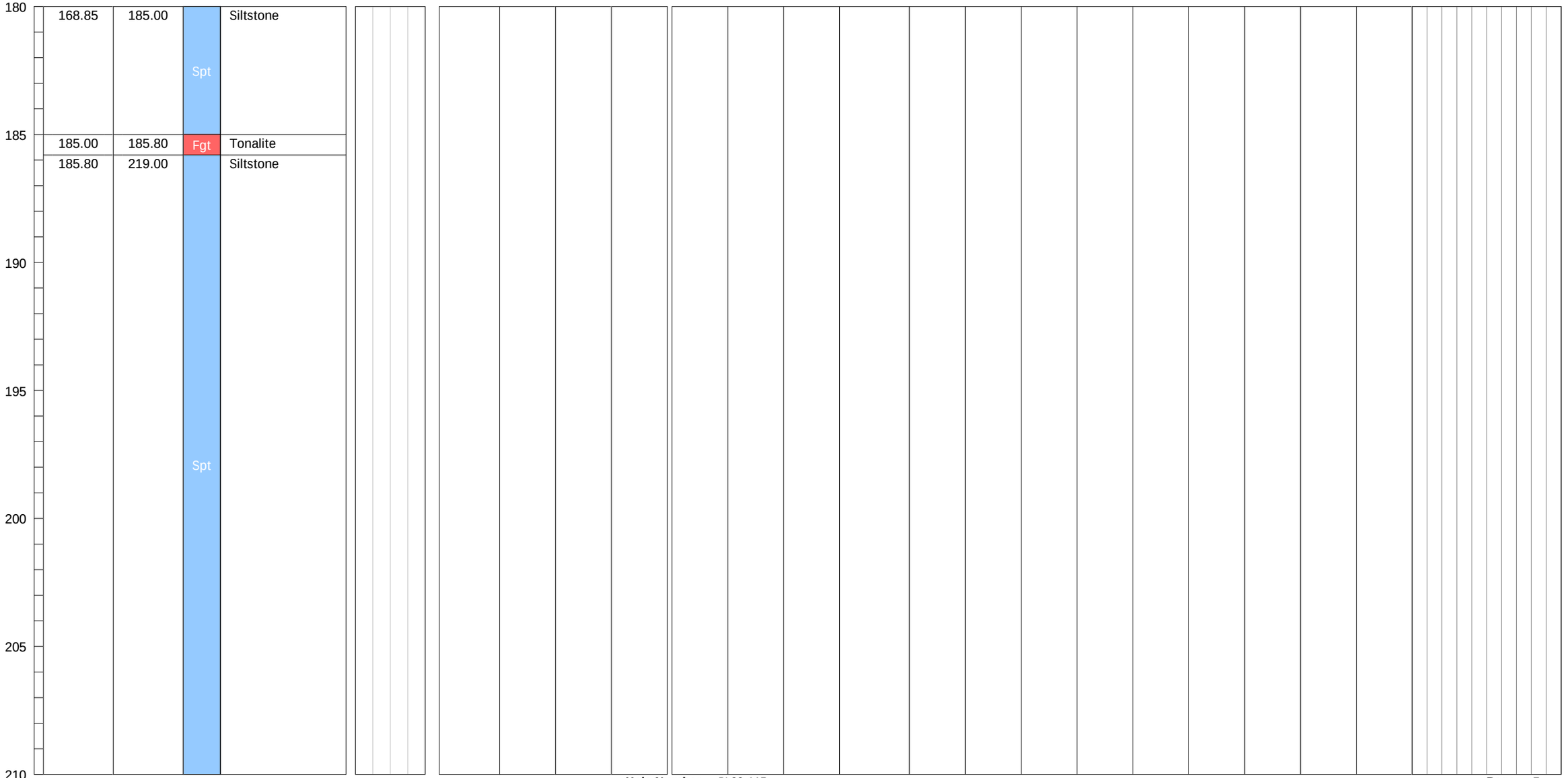
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
168.85	185.00	Spt	Siltstone
185.00	185.80	Fgt	Tonalite
185.80	219.00	Spt	Siltstone



Hole Number: BL09-115

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 07/06/2009
End Date: 08/06/2009

Magma Metals (Canada) Ltd.

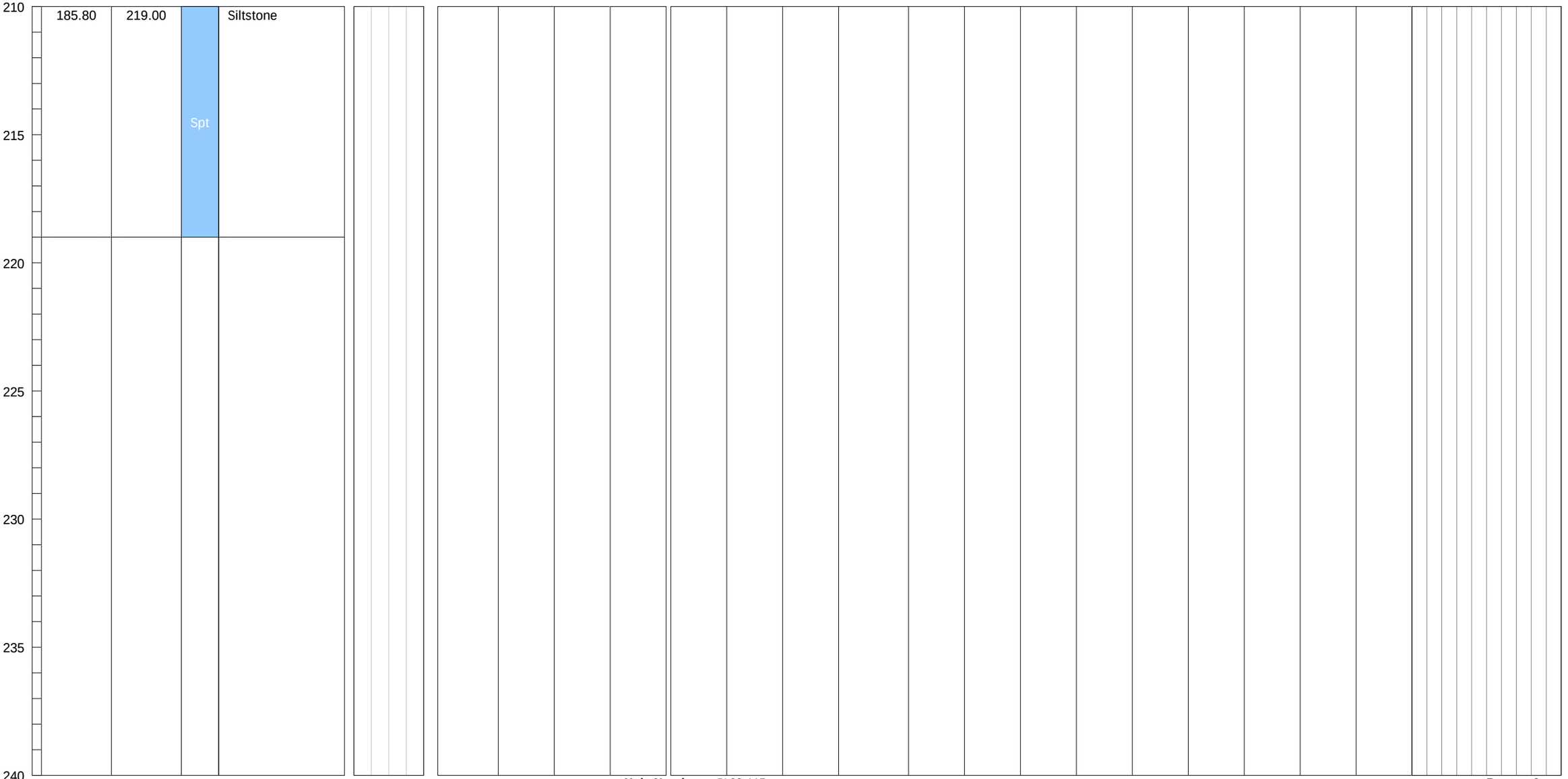
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402388.72
Easting: 357869.73
Elevation: 507.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
185.80	219.00	Spt	Siltstone



Hole Number: BL09-116

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 09/06/2009
End Date: 10/06/2009

Magma Metals (Canada) Ltd.

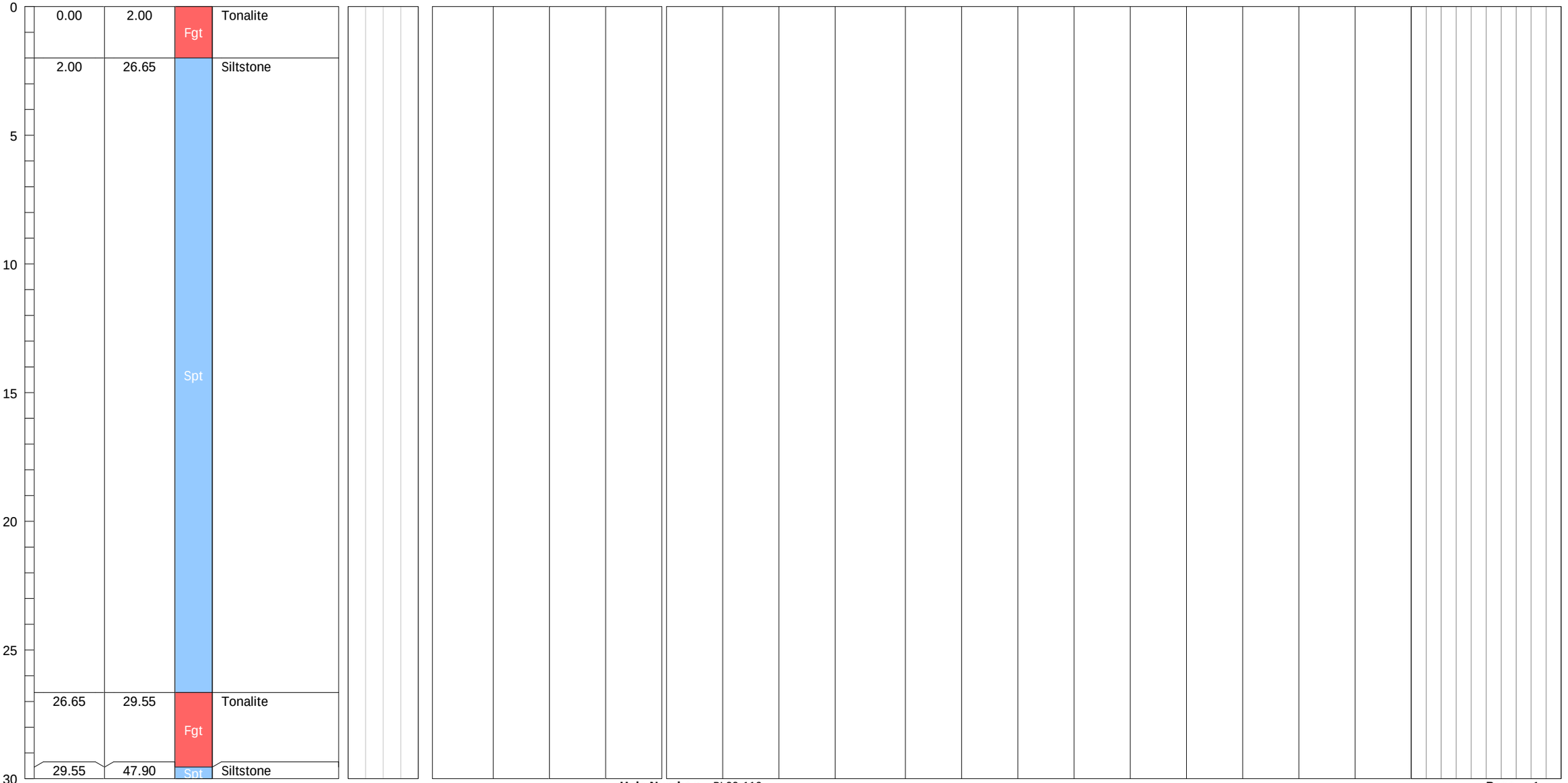
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402432.50
Easting: 357891.79
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
0.00	2.00	Fgt	Tonalite
2.00	26.65	Spt	Siltstone
26.65	29.55	Fgt	Tonalite
29.55	47.90	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-116

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 09/06/2009
End Date: 10/06/2009

Magma Metals (Canada) Ltd.

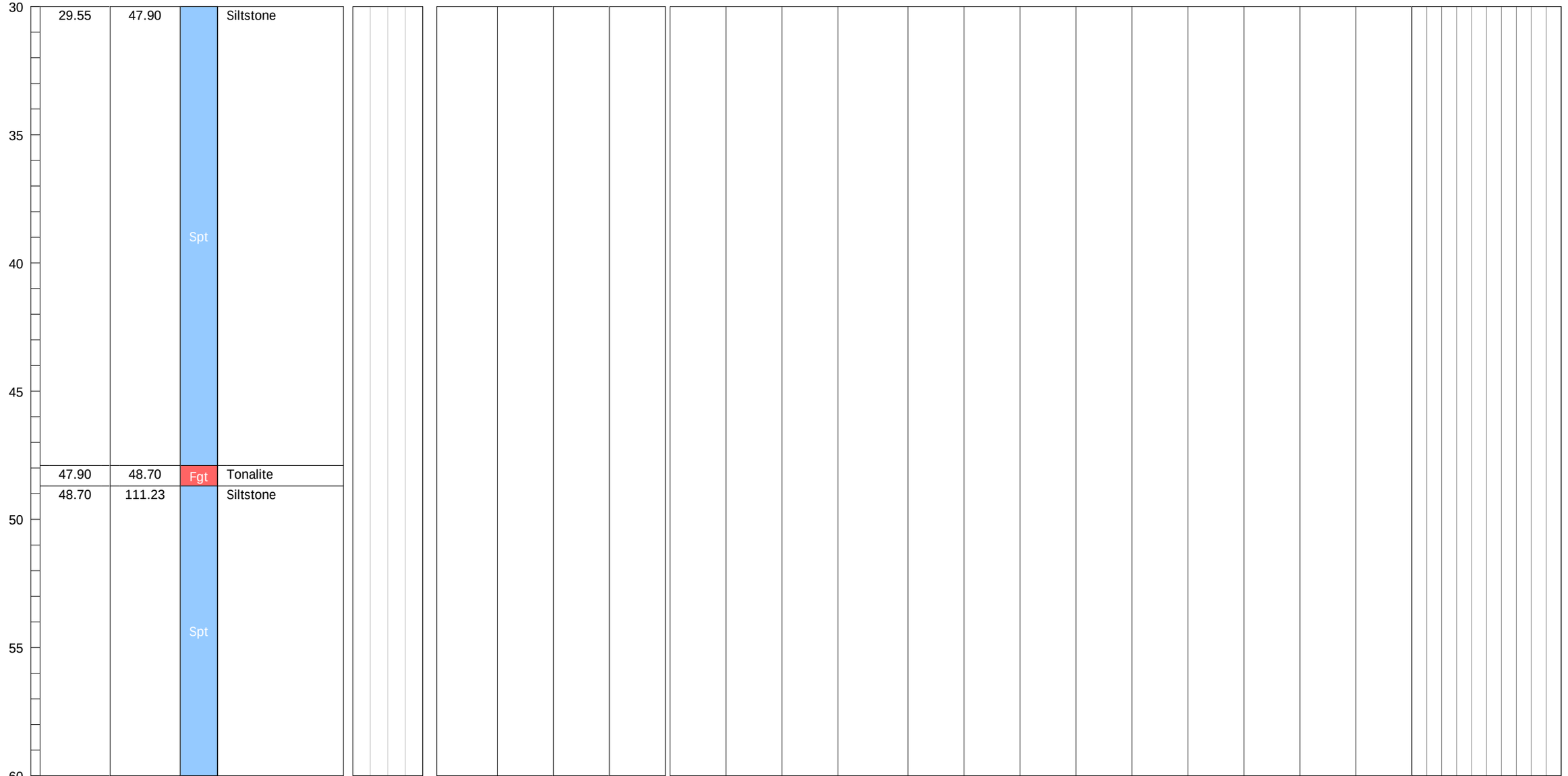
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402432.50
Easting: 357891.79
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
29.55	47.90	Spt	Siltstone
47.90	48.70	Fgt	Tonalite
48.70	111.23	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-116

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 09/06/2009
End Date: 10/06/2009

Magma Metals (Canada) Ltd.

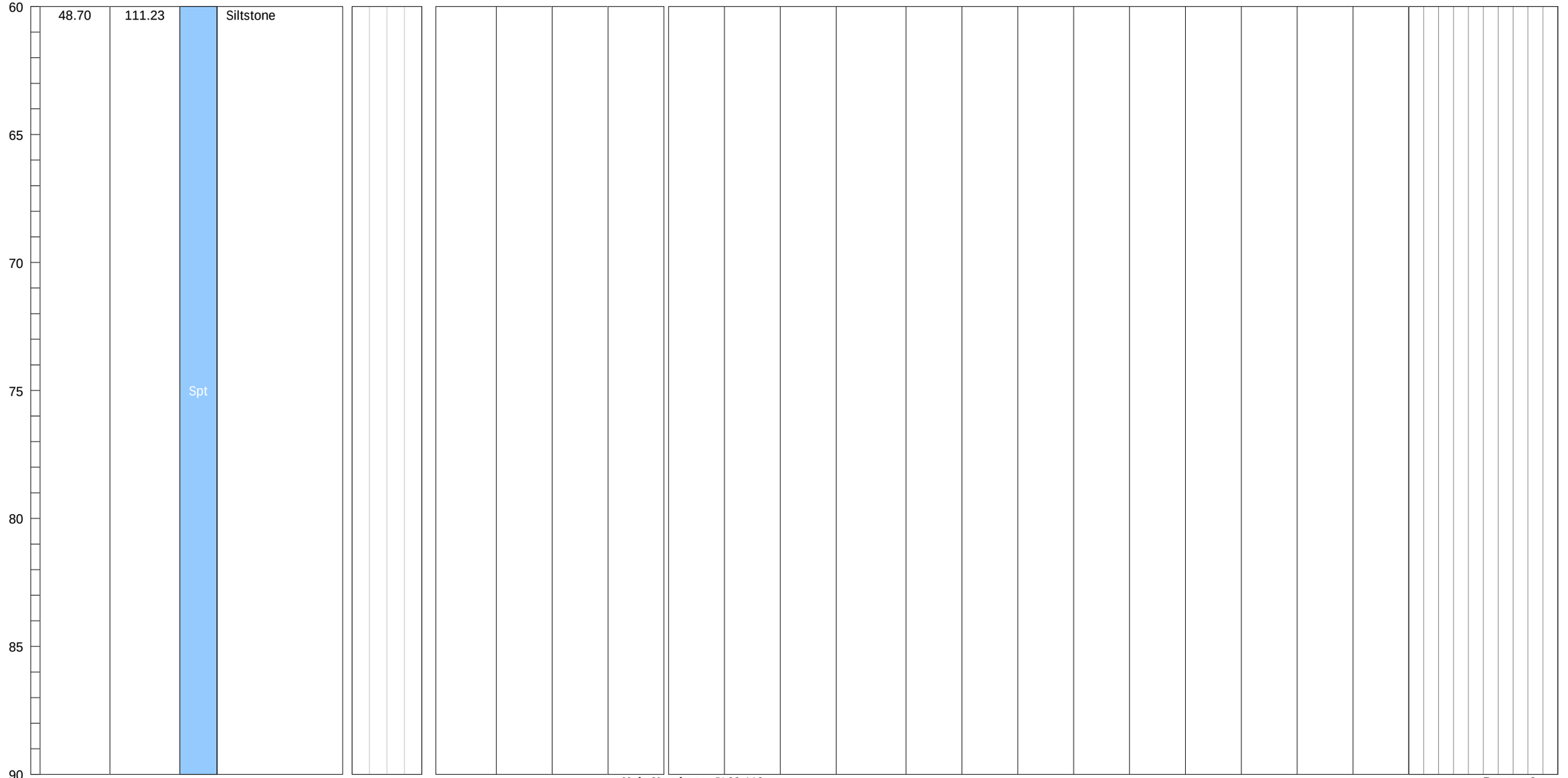
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402432.50
Easting: 357891.79
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
48.70	111.23	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-116

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 09/06/2009
End Date: 10/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402432.50
Easting: 357891.79
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
48.70	111.23	Spt	Siltstone
111.23	111.70	Fdt	Tonalite
111.70	123.50	Spt	Siltstone

Magsus 0 100 200

Sulphide	Cpy %	Po %	Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-116

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 09/06/2009
End Date: 10/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402432.50
Easting: 357891.79
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
111.70	123.50	Spt	Siltstone
123.50	127.95	Fgg	Alkali feldspar granite
127.95	131.40	Zib	Mixed Intrusion Breccia
131.40	135.20	Spt	Siltstone
135.20	140.50	Hr	Hybrid Classic Red
140.50	145.00	Spt	Siltstone
145.00	148.00	Hr	Hybrid Classic Red
148.00	149.70	Hr	Hybrid Classic Red
149.70	150.00	Hg	Hybrid Grey

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
135.20	140.50	3.0			3.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.00	122.00	2.00	H740813	0.0015	0.001	50	57	0.001	0.250	3	19	107
122.00	124.00	2.00	H740814	0.0011	0.001	45	41	0.001	0.250	9	13	79
124.00	126.00	2.00	H740815	0.0006	0.001	14	18	0.001	0.250	7	4	43
126.00	128.00	2.00	H740816	0.0009	0.001	44	8	0.001	0.500	6	4	11
128.00	130.00	2.00	H740817	0.0010	0.001	86	41	0.001	0.250	5	15	65
130.00	132.00	2.00	H740818	0.0016	0.001	44	49	0.001	0.250	5	15	81
132.00	135.00	3.00	H740819	0.0018	0.002	32	64	0.002	0.250	5	21	105
135.00	138.00	3.00	H740821	0.0015	0.001	14	55	0.001	0.250	13	29	80
138.00	140.00	2.00	H740822	0.0016	0.001	19	62	0.001	0.250	10	24	99
140.00	142.00	2.00	H740823	0.0014	0.001	119	61	0.001	0.250	14	21	117
142.00	144.00	2.00	H740824	0.0013	0.001	63	56	0.001	0.250	9	20	113
144.00	146.00	2.00	H740825	0.0012	0.001	46	62	0.001	0.250	6	20	115
146.00	148.00	2.00	H740826	0.0021	0.002	2	59	0.001	0.250	8	17	112
148.00	150.00	2.00	H740827	0.1020	0.082	138	125	0.002	0.250	10	15	289

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-116

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 09/06/2009
End Date: 10/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402432.50
Easting: 357891.79
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
150.00	160.20	Upd	Peridotite
160.20	167.65	Mgm	Gabbro - Melanocratic
167.65	167.85		Vein
167.85	175.42	Spt	Siltstone
175.42	175.52		Hybrid Grey
175.52	182.70	Spt	Siltstone

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
160.20	167.65	6.0	1.0	5.0	
167.65	167.85	100.0	20.0	70.0	10.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	152.00	2.00	H740828	0.2640	0.240	370	905	0.015	0.250	7	99	1560
152.00	154.00	2.00	H740829	0.1850	0.166	304	1040	0.009	0.250	35	109	2510
154.00	156.00	2.00	H740831	0.5120	0.472	928	1390	0.030	0.900	7	123	2570
156.00	158.00	2.00	H740832	0.5160	0.464	999	1450	0.029	0.800	17	123	2770
158.00	160.00	2.00	H740833	0.2690	0.244	581	1200	0.016	3.000	6	111	2710
160.00	162.00	2.00	H740834	0.2010	0.182	428	1070	0.013	0.250	10	106	2540
162.00	164.00	2.00	H740835	0.1730	0.144	326	978	0.011	0.250	3	100	2330
164.00	165.87	1.87	H740836	0.1850	0.160	404	876	0.012	0.250	11	94	1930
165.87	166.87	1.00	H740837	0.5780	0.537	1110	1100	0.040	0.800	9	102	1920
166.87	167.37	0.50	H740838	2.0700	1.890	4050	2800	0.110	2.800	12	176	1870
167.37	167.87	0.50	H740839	14.8500	15.800	40300	26100	0.630	23.000	50	881	829
167.87	169.87	2.00	H740841	0.0148	0.018	93	94	0.010	0.250	10	21	139
169.87	171.87	2.00	H740842	0.0047	0.003	39	73	0.004	0.250	6	21	130

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-116

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 09/06/2009
End Date: 10/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402432.50
Easting: 357891.79
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
175.52	182.70	Spt	Siltstone
182.70	183.12	V	Vein
183.12	207.40	Spt	Siltstone
207.40	210.00	Fgt	Tonalite

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
0.00	12.10	Spt	Siltstone
12.10	19.65	Fgt	Tonalite
19.65	21.15	Spt	Siltstone
21.15	22.10	Fgt	Tonalite
22.10	25.00	Spt	Siltstone
25.00	25.40	Fgt	Tonalite
25.40	27.50	Spt	Siltstone
27.50	31.00	Fgt	Tonalite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
27.50	31.00	Fgt	Tonalite
31.00	35.70	Spt	Siltstone
35.70	36.50	Fgt	Tonalite
36.50	49.90	Spt	Siltstone
49.90	51.35	Fgt	Tonalite
51.35	93.40	Spt	Siltstone

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

30 35 40 45 50 55 60

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
51.35	93.40	Spt	Siltstone																			

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
51.35	93.40	Spt	Siltstone
93.40	95.00	Fgt	Tonalite
95.00	107.35	Spt	Siltstone
107.35	110.00	Fgt	Tonalite
110.00	143.85	Spt	Siltstone

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
110.00	143.85	Spt	Siltstone
143.85	148.60	Hr	Hybrid Classic Red
148.60	150.13	Hr	Hybrid Classic Red

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
148.60	2.0			2.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
139.85	141.85	2.00	H740843	0.0015	0.001	95	84	0.001	0.250	9	25	119
141.85	143.85	2.00	H740844	0.0014	0.001	67	92	0.003	0.250	11	22	121
143.85	145.85	2.00	H740845	0.0277	0.019	22	39	0.003	0.250	9	10	91
145.85	147.20	1.35	H740846	0.0252	0.017	29	36	0.004	0.250	8	10	84
147.20	148.60	1.40	H740848	0.0194	0.013	73	46	0.004	0.250	7	15	113
148.60	150.13	1.53	H740849	0.0201	0.012	142	130	0.004	0.250	14	40	296

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
148.60	150.13		Hybrid Classic Red
150.13	153.00	Mgm	Gabbro - Melanocratic
153.00	163.30	Upd	Peridotite
163.30	165.40	Spt	Siltstone
165.40	165.80	Hg	Hybrid Grey
165.80	167.00	Upd	Peridotite
167.00	170.70	Hg	Hybrid Grey
170.70	170.85		Hybrid Grey
170.85	194.80	Spt	Siltstone

Magsus

From m	To m	Sulphide %	Cpy %	Po %	Py %
148.60	150.13	2.0	0.5	1.0	2.0
150.13	153.00	1.5			
153.00	163.30	9.0	2.0	7.0	
		1.5	0.5	1.0	
		2.9	0.9	2.0	
163.30	165.40	2.0			2.0
165.40	165.80				
165.80	167.00	1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
148.60	150.13	1.53	H740849	0.0201	0.012	142	130	0.004	0.250	14	40	296
150.13	152.00	1.87	H740850	0.1430	0.122	373	682	0.009	0.500	8	83	1410
152.00	153.00	1.00	H740851	0.2430	0.223	560	875	0.017	0.800	3	97	1760
153.00	154.00	1.00	H740852	0.7740	0.770	2230	1910	0.039	1.200	13	131	1950
154.00	155.00	1.00	H740853	2.9000	2.710	6880	3660	0.180	4.200	13	194	2100
155.00	156.00	1.00	H740854	0.2880	0.264	960	1350	0.020	0.800	3	121	2330
156.00	157.00	1.00	H740855	0.1750	0.157	720	1310	0.013	0.700	3	124	2570
157.00	158.00	1.00	H740856	0.1580	0.130	423	1140	0.011	0.250	17	115	2420
158.00	159.00	1.00	H740858	0.1140	0.092	394	1140	0.008	0.250	18	111	2500
159.00	160.00	1.00	H740859	0.1310	0.119	418	1140	0.009	0.500	38	107	2240
160.00	161.00	1.00	H740860	0.1830	0.164	582	1180	0.014	0.250	13	115	2410
161.00	162.00	1.00	H740861	0.1150	0.105	374	946	0.010	0.250	10	107	2150
162.00	163.30	1.30	H740863	0.0884	0.085	331	806	0.011	0.250	10	98	1615
163.30	165.40	2.10	H740864	0.0055	0.004	51	68	0.004	0.250	9	26	94
165.40	167.00	1.60	H740865	0.0515	0.044	185	703	0.005	0.250	8	86	1560
167.00	169.00	2.00	H740866	0.0016	0.001	44	31	0.002	0.250	3	45	24
169.00	170.85	1.85	H740867	0.0007	0.001	47	35	0.001	0.250	3	39	34
170.85	172.85	2.00	H740868	0.0016	0.001	33	76	0.003	0.250	3	24	121
172.85	174.85	2.00	H740869	0.0013	0.001	41	72	0.002	0.250	3	21	118

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
170.85	194.80	Spt	Siltstone
194.80	197.40	Fgt	Tonalite
197.40	219.00	Spt	Siltstone

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-117

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 10/06/2009
End Date: 12/06/2009

Magma Metals (Canada) Ltd.

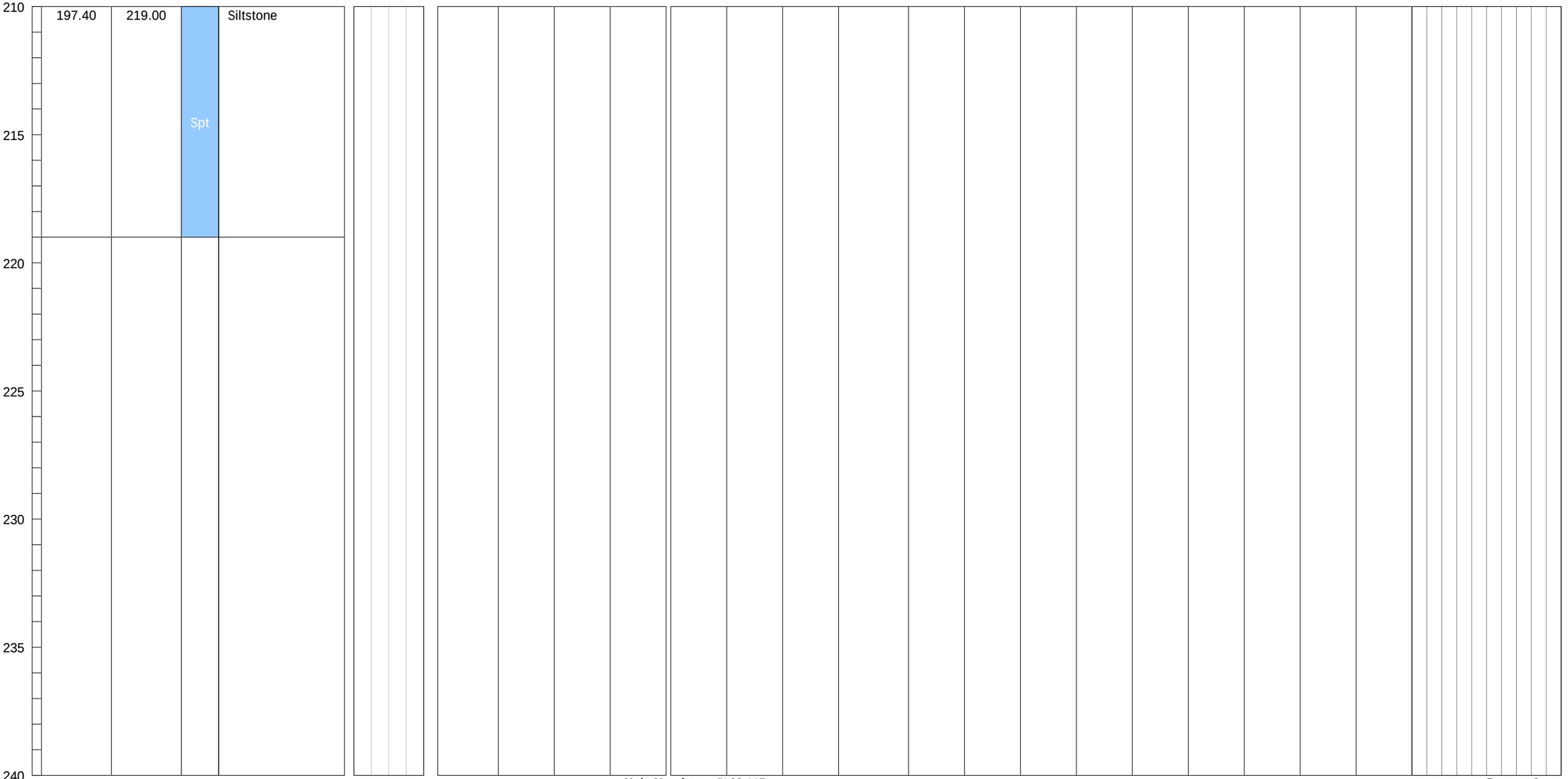
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402478.05
Easting: 357916.81
Elevation: 508.00

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
197.40	219.00	Spt	Siltstone



Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

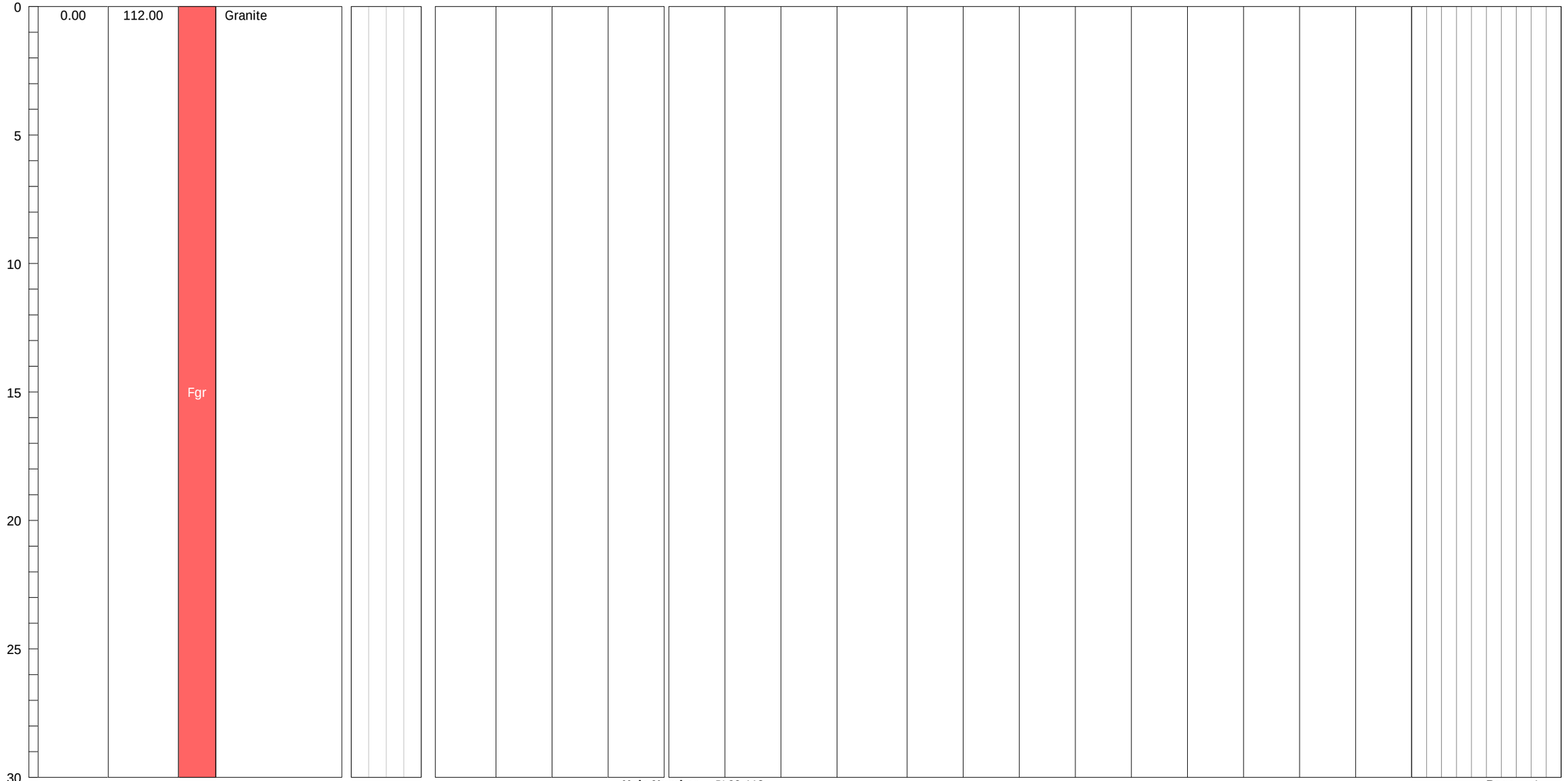
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
0.00	112.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

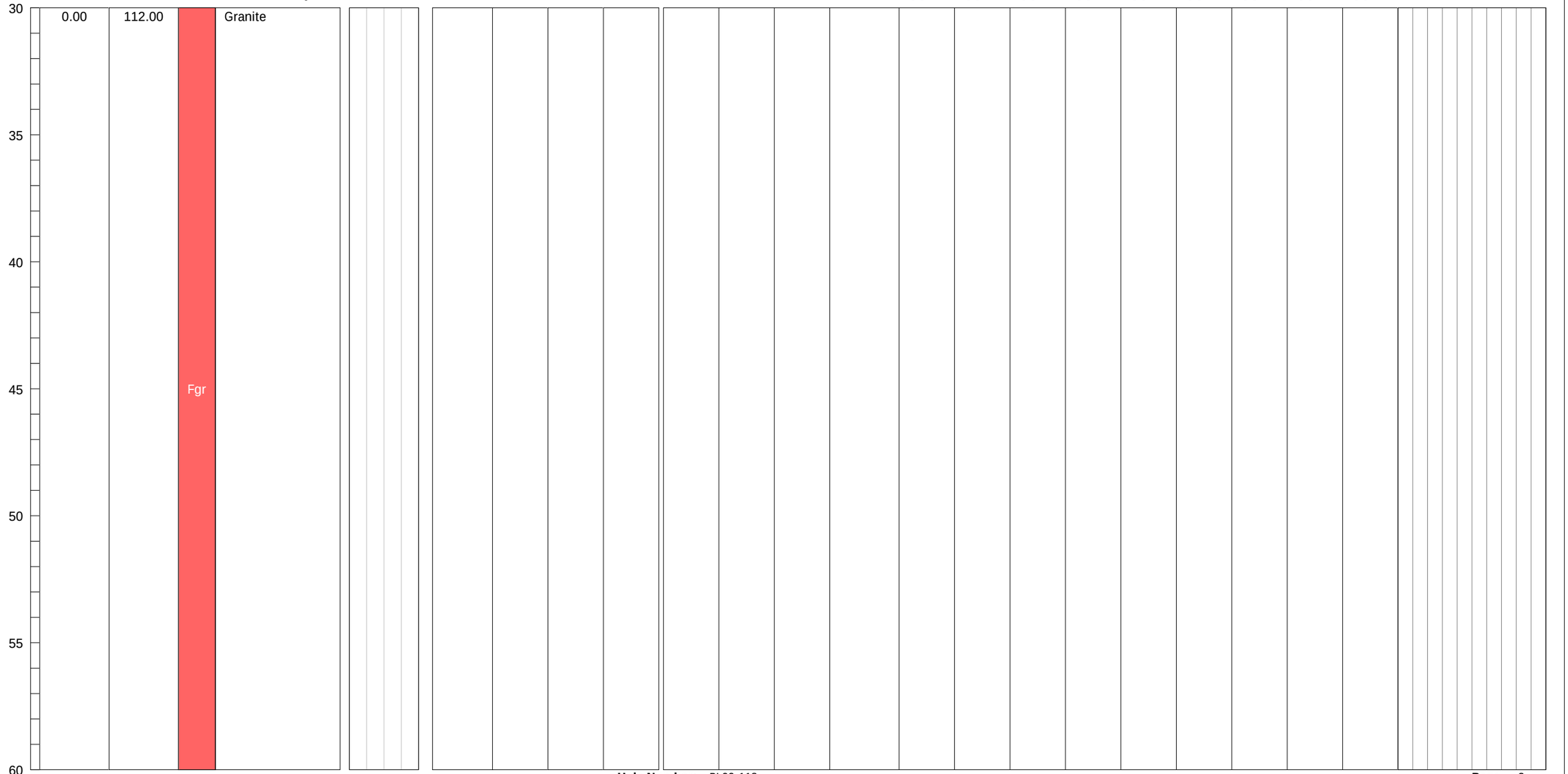
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
0.00	112.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

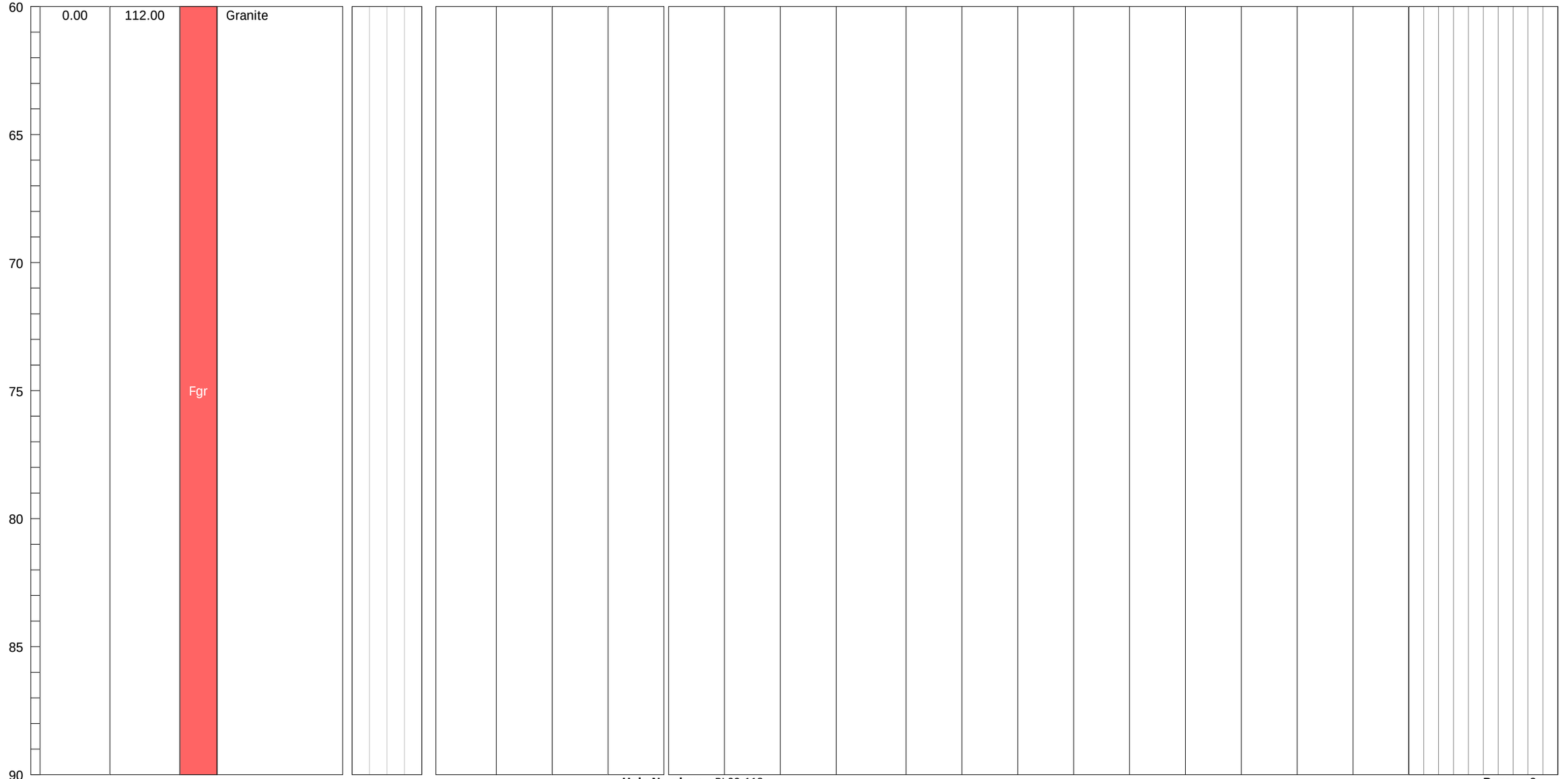
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
0.00	112.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
0.00	112.00	Fgr	Granite
112.00	119.00		Granodiorite
119.00	137.00		Granite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

From m	To m	Code	Rock description
119.00	137.00	Fgr	Granite
137.00	146.00		Granodiorite
146.00	167.35		Alkali feldspar granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

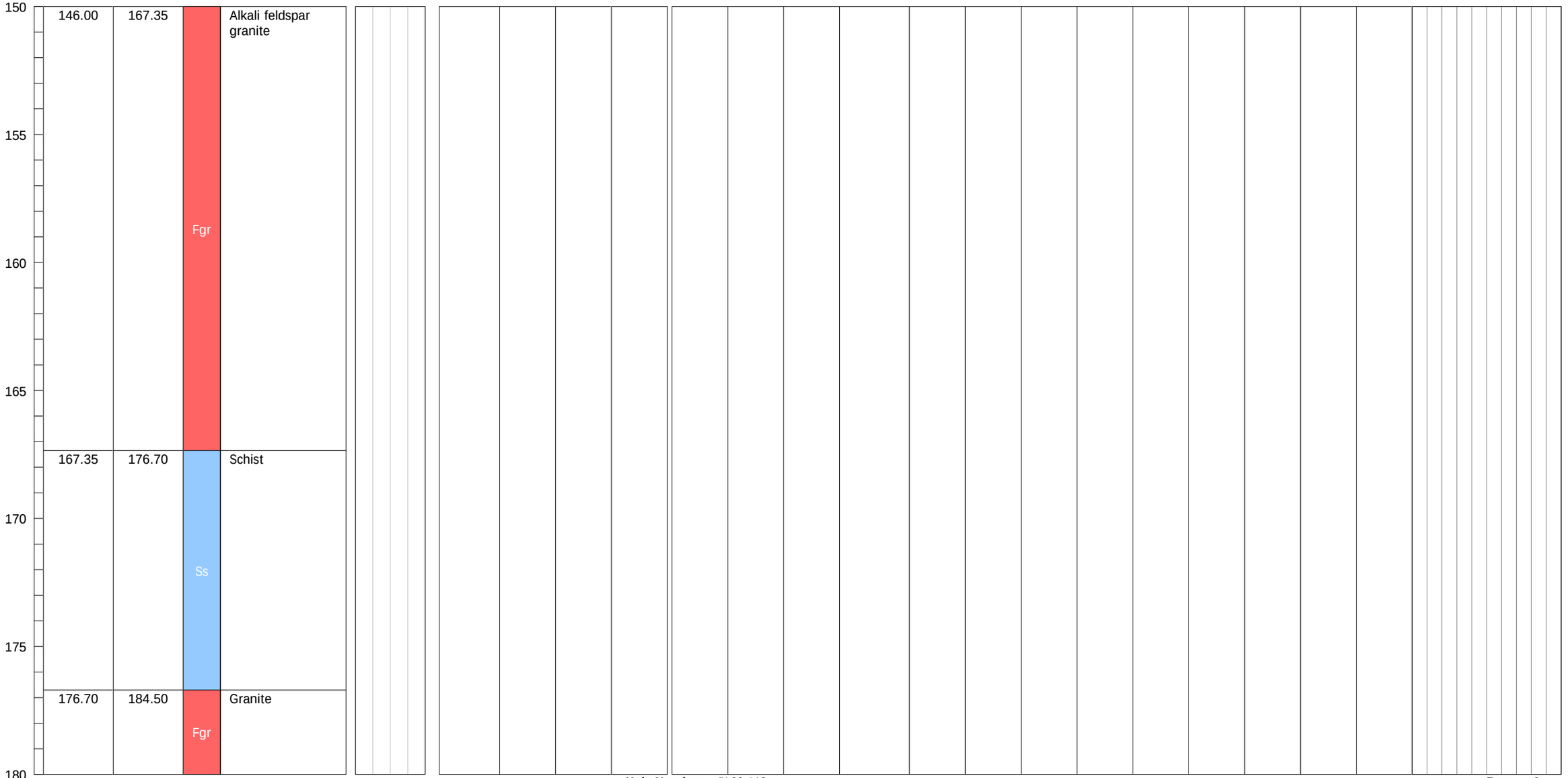
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

From m	To m	Code	Rock description
146.00	167.35	Fgr	Alkali feldspar granite
167.35	176.70	Ss	Schist
176.70	184.50	Fgr	Granite



Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

From m	To m	Code	Rock description
176.70	184.50	Fgr	Granite
184.50	185.10	Hg	Granite - Undifferentiated
185.10	186.00	Hg	Hybrid Grey
186.00	188.00	Mgm	Gabbro - Melanocratic
188.00	191.12	Hg	Hybrid Grey
191.12	191.28	Hg	Hybrid Grey
191.28	195.50	Fgr	Granite
195.50	218.00	Fgr	Granodiorite

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
181.10	183.10	2.00	H740870	0.0052	0.008	6	7	0.002	0.250	8	2	42
183.10	185.10	2.00	H740872	0.0015	0.002	2	4	0.002	0.250	3	1	21
185.10	186.00	0.90	H740873	0.0099	0.011	82	221	0.002	0.250	6	68	358
186.00	187.00	1.00	H740874	0.0054	0.020	32	47	0.002	0.250	3	60	18
187.00	188.00	1.00	H740876	0.0043	0.012	39	76	0.005	0.250	3	76	72
188.00	189.00	1.00	H740877	0.0012	0.001	35	62	0.003	0.250	3	68	57
189.00	190.00	1.00	H740878	0.0009	0.001	33	58	0.002	0.250	6	66	50
190.00	191.28	1.28	H740879	0.0006	0.001	33	22	0.002	0.250	7	44	13
191.28	193.28	2.00	H740880	0.0003	0.001	3	1	0.002	0.250	3	1	10
193.28	195.28	2.00	H740881	0.0003	0.001	6	1	0.002	0.250	3	1	10

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-118

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 12/06/2009
End Date: 14/06/2009

Magma Metals (Canada) Ltd.

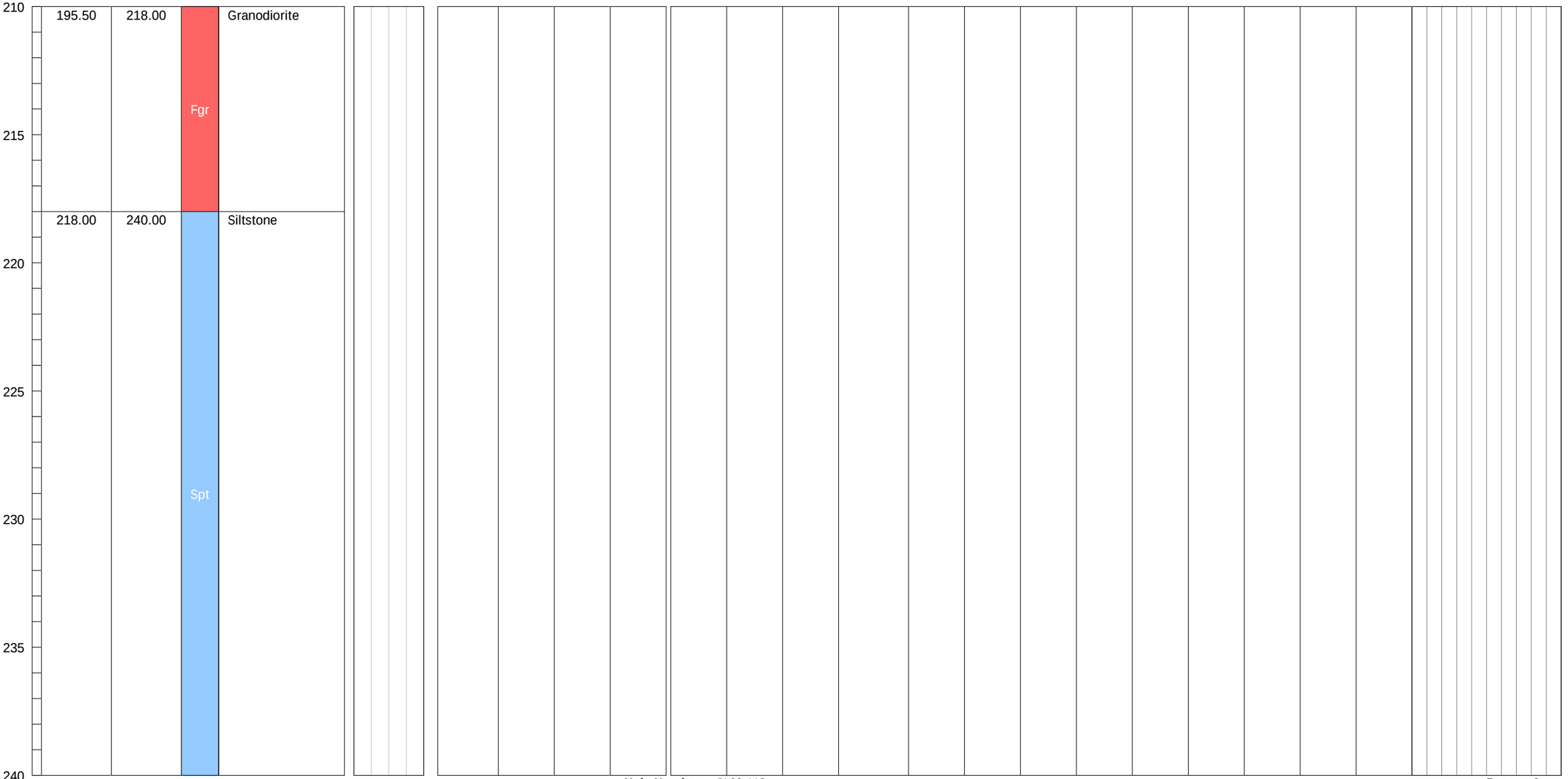
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.67
Easting: 357940.02
Elevation: 509.03

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

From m	To m	Code	Rock description
195.50	218.00	Fgr	Granodiorite
218.00	240.00	Spt	Siltstone



Hole Number: BL09-119

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/06/2009
End Date: 17/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402376.73
Easting: 357999.13
Elevation: 498.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
0.00	25.70	Spt	Siltstone																			
25.70	26.80	Fgt	Tonalite																			
26.80	57.00	Spt	Siltstone																			

Hole Number: BL09-119

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/06/2009
End Date: 17/06/2009

Magma Metals (Canada) Ltd.

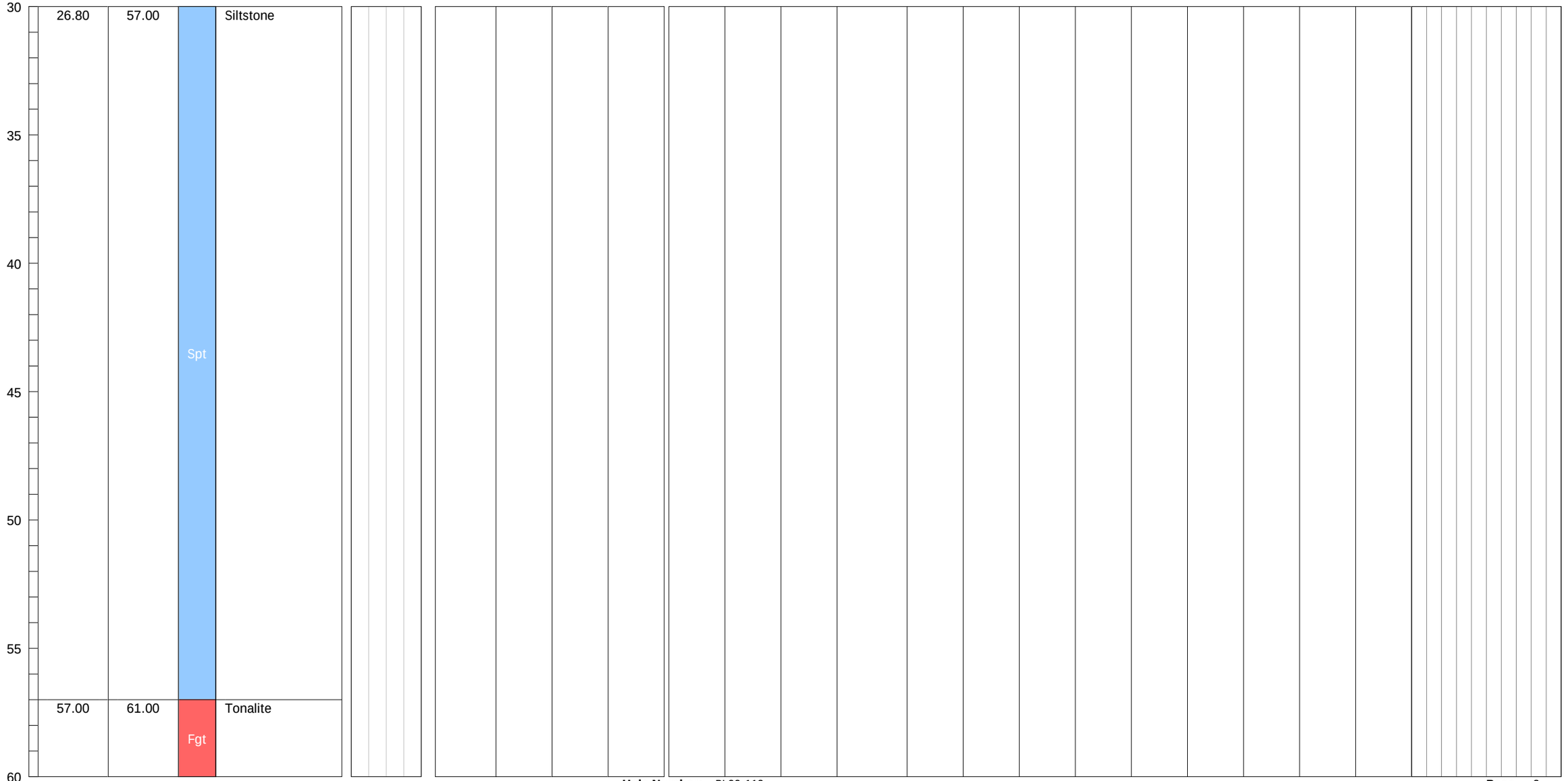
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402376.73
Easting: 357999.13
Elevation: 498.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description
26.80	57.00	Spt	Siltstone
57.00	61.00	Fgt	Tonalite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-119

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/06/2009
End Date: 17/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402376.73
Easting: 357999.13
Elevation: 498.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
57.00	61.00	Fgt	Tonalite																			
61.00	67.60	Spt	Siltstone																			
67.60	78.50	Fgt	Tonalite																			
78.50	92.05	Spt	Siltstone																			

Hole Number: BL09-119

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/06/2009
End Date: 17/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402376.73
Easting: 357999.13
Elevation: 498.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
78.50	92.05	Spt	Siltstone
92.05	93.50	Fgt	Tonalite
93.50	103.60	Spt	Siltstone
103.60	111.70	Spt	Siltstone
111.70	114.60	Fgt	Tonalite
114.60	119.00	Spt	Siltstone
119.00	127.50	Spt	Siltstone

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-119

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/06/2009
End Date: 17/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402376.73
Easting: 357999.13
Elevation: 498.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
119.00	127.50	Spt	Siltstone
127.50	129.30	Fgt	Tonalite
129.30	146.40	Spt	Siltstone
146.40	148.00	Hg	Hybrid Grey
148.00	151.10	Upd	Peridotite

From m	Magsus	Sulphide %	Cpy %	Po %	Py %
146.40		1.0			1.0
148.00		6.9	0.9	5.0	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
142.40	144.40	2.00	H740882	0.0029	0.002	39	71	0.002	0.250	6	23	126
144.40	146.40	2.00	H740883	0.0025	0.002	29	66	0.002	0.250	10	24	114
146.40	148.00	1.60	H740885	0.0074	0.005	92	65	0.003	0.250	19	47	96
148.00	149.00	1.00	H740886	0.3860	0.353	804	682	0.023	0.250	10	93	728
149.00	150.00	1.00	H740887	0.1720	0.143	404	605	0.012	0.250	10	100	1240

Hole Number: BL09-119

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/06/2009
End Date: 17/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402376.73
Easting: 357999.13
Elevation: 498.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
148.00	151.10	Upd	Peridotite
151.10	156.50	Mgm	Gabbro - Melanocratic
156.50	158.50	Hg	Hybrid Grey
158.50	162.00	Spt	Siltstone
162.00	162.12	Hg	Hybrid Grey
162.12	169.60	Spt	Siltstone
169.60	170.00	Fgt	Tonalite
170.00	207.00	Spt	Siltstone

From m	Sulphide %	Cpy %	Po %	Py %
150.00	6.9	0.9	5.0	1.0
153.00	2.5	0.5	2.0	
156.50	1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H740889	0.1190	0.105	353	706	0.014	0.250	13	95	1590
151.00	152.00	1.00	H740890	0.1190	0.097	314	718	0.009	0.250	6	95	1740
152.00	153.00	1.00	H740891	0.0837	0.072	274	729	0.008	0.500	14	90	1710
153.00	154.00	1.00	H740892	0.0940	0.075	241	726	0.009	0.250	3	91	1850
154.00	155.00	1.00	H740893	0.0841	0.067	215	710	0.009	0.250	3	89	1870
155.00	156.50	1.50	H740895	0.1630	0.139	360	715	0.015	0.250	7	83	1750
156.50	158.50	2.00	H740896	0.0866	0.072	264	571	0.009	0.250	15	77	1340
158.50	160.50	2.00	H740897	0.0024	0.002	21	66	0.002	0.250	6	20	120
160.50	162.50	2.00	H740898	0.0019	0.002	63	65	0.002	0.250	8	24	134

Hole Number: BL09-119

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 15/06/2009
End Date: 17/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402376.73
Easting: 357999.13
Elevation: 498.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample				Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
170.00	207.00	Spt	Siltstone																			

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	112.50	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	112.50	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

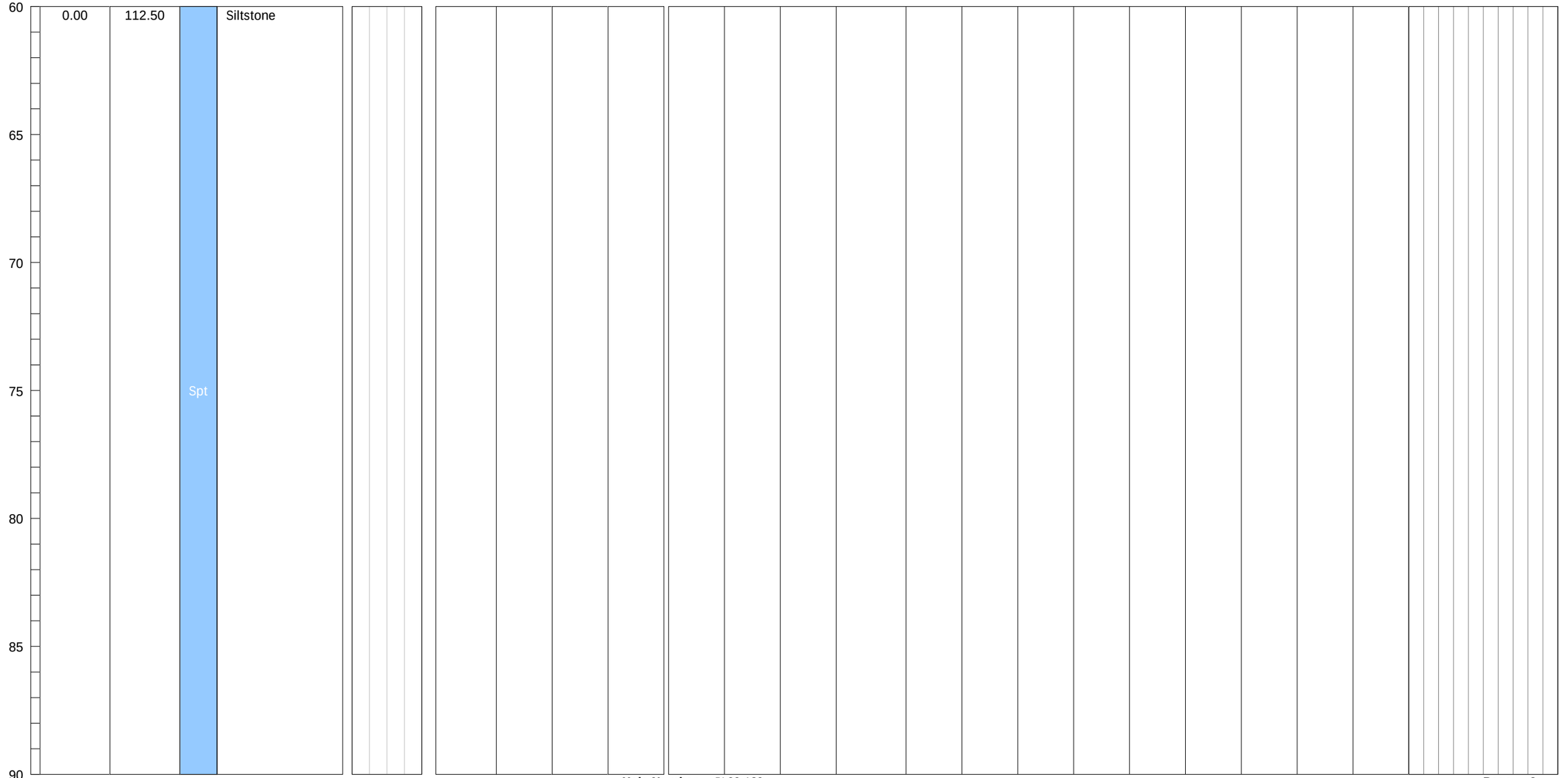
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology From m	To m	Code	Rock description
0.00	112.50	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	112.50	Spt	Siltstone																		
112.50	114.40	Fg	Granite - Undifferentiated																		
114.40	114.90	Spt	Siltstone																		
114.90	115.25	Fg	Granite - Undifferentiated																		
115.25	127.00	Spt	Siltstone																		

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology From m	To m	Code	Rock description
115.25	127.00	Spt	Siltstone
127.00	133.00		Siltstone
133.00	133.60	Fg	Granite - Undifferentiated
133.60	141.50	Zib	Mixed Intrusion Breccia
141.50	143.82	Hg	Hybrid Grey
143.82	144.35		Hybrid Grey
144.35	164.35	Mgm	Gabbro - Melanocratic

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
3.0		2.0	1.0
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
127.00	129.00	2.00	H740899	0.0025	0.002	26	67	0.001	0.250	11	22	141
129.00	131.00	2.00	H740901	0.0022	0.002	47	69	0.001	0.250	16	24	152
131.00	133.00	2.00	H740902	0.0019	0.002	56	69	0.001	0.250	6	23	131
133.00	135.00	2.00	H740903	0.0026	0.002	7	45	0.002	0.250	10	19	103
135.00	137.00	2.00	H740904	0.0046	0.003	105	78	0.004	0.250	13	27	154
137.00	139.00	2.00	H740905	0.0043	0.003	12	69	0.002	0.250	6	24	145
139.00	140.25	1.25	H740906	0.0035	0.002	65	72	0.003	0.250	32	40	131
140.25	141.50	1.25	H740907	0.0024	0.002	174	63	0.003	0.250	25	28	118
141.50	142.90	1.40	H740908	0.0600	0.050	81	102	0.004	0.250	7	18	181
142.90	144.35	1.45	H740909	0.0480	0.037	183	116	0.005	0.250	11	37	288
144.35	146.00	1.65	H740911	0.1030	0.093	296	643	0.009	0.250	28	87	911
146.00	148.00	2.00	H740912	0.0660	0.056	175	726	0.006	0.250	24	96	1330
148.00	150.00	2.00	H740913	0.0970	0.087	269	850	0.010	0.250	13	106	1650

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology From m	To m	Code	Rock description
144.35	164.35	Mgm	Gabbro - Melanocratic
164.35	178.42	Upd	Peridotite
178.42	184.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
2.5	0.5	2.0	
5.9	0.9	5.0	
1.5	0.5	1.0	
8.0	1.0	7.0	
3.9	0.9	3.0	
0.5		0.5	
3.9	0.9	3.0	
28.0	3.0	25.0	
9.0	2.0	7.0	
18.0	3.0	15.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	152.00	2.00	H740914	0.1060	0.095	300	880	0.008	0.250	8	107	1950
152.00	154.00	2.00	H740915	0.1860	0.167	482	923	0.011	0.250	20	110	1950
154.00	156.00	2.00	H740916	0.1550	0.140	508	980	0.010	0.250	7	113	2000
156.00	158.00	2.00	H740917	0.1030	0.094	283	895	0.008	0.250	10	109	2040
158.00	160.00	2.00	H740918	0.0866	0.075	264	883	0.007	0.250	12	109	2030
160.00	162.00	2.00	H740919	0.0694	0.058	206	884	0.006	0.250	12	109	2090
162.00	163.35	1.35	H740921	0.0760	0.067	242	876	0.011	0.250	5	109	2040
163.35	164.35	1.00	H740922	0.2050	0.179	522	936	0.016	0.250	9	110	1990
164.35	165.00	0.65	H740923	1.3600	1.260	2740	1820	0.090	1.700	10	143	2370
165.00	166.00	1.00	H740924	0.9700	0.890	2410	1510	0.060	1.400	5	135	1990
166.00	167.00	1.00	H740925	0.3930	0.350	782	998	0.026	0.250	3	112	2070
167.00	168.00	1.00	H740926	0.8530	0.845	2210	1440	0.058	1.400	7	128	2040
168.00	169.00	1.00	H740927	1.6200	1.650	4330	2090	0.100	2.800	13	151	1540
169.00	170.00	1.00	H740928	1.3300	1.320	3360	1800	0.100	2.000	17	138	2130
170.00	171.00	1.00	H740929	1.6700	1.710	4450	2270	0.110	2.600	18	165	1960
171.00	172.00	1.00	H740931	1.7500	1.840	4330	2230	0.110	2.400	14	161	1830
172.00	173.00	1.00	H740932	1.6800	1.650	3860	2250	0.100	2.000	15	155	2120
173.00	174.00	1.00	H740933	0.9720	0.863	1895	1410	0.064	1.200	3	122	2290
174.00	175.00	1.00	H740934	0.8330	0.763	1765	1270	0.054	1.000	5	120	2000
175.00	176.00	1.00	H740935	2.7100	2.710	6460	3630	0.130	3.800	8	235	2020
176.00	177.00	1.00	H740936	4.3200	4.260	9740	4340	0.250	6.300	14	265	1540
177.00	178.42	1.42	H740938	3.8900	3.840	8890	3120	0.230	5.600	29	180	1260
178.42	180.42	2.00	H740939	0.0733	0.063	159	102	0.005	0.250	7	15	85

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
178.42	184.00	Spt	Siltstone					
184.00	187.33	Fgr	Granite					
187.33	200.00	Spt	Siltstone					
200.00	200.40	Fgt	Tonalite					
200.40	202.80	Spt	Siltstone					
202.80	203.40	Fgt	Tonalite					
203.40	211.75	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
178.42	180.42	2.00	H740939	0.0733	0.063	159	102	0.005	0.250	7	15	85	
180.42	182.42	2.00	H740940	0.0121	0.007	52	65	0.004	0.250	9	20	110	

Hole Number: BL09-120

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 17/06/2009
End Date: 19/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402418.89
Easting: 357996.79
Elevation: 501.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 215.00

Lithology From m	To m	Code	Rock description
203.40	211.75	Spt	Siltstone
211.75	215.00	Fgt	Tonalite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

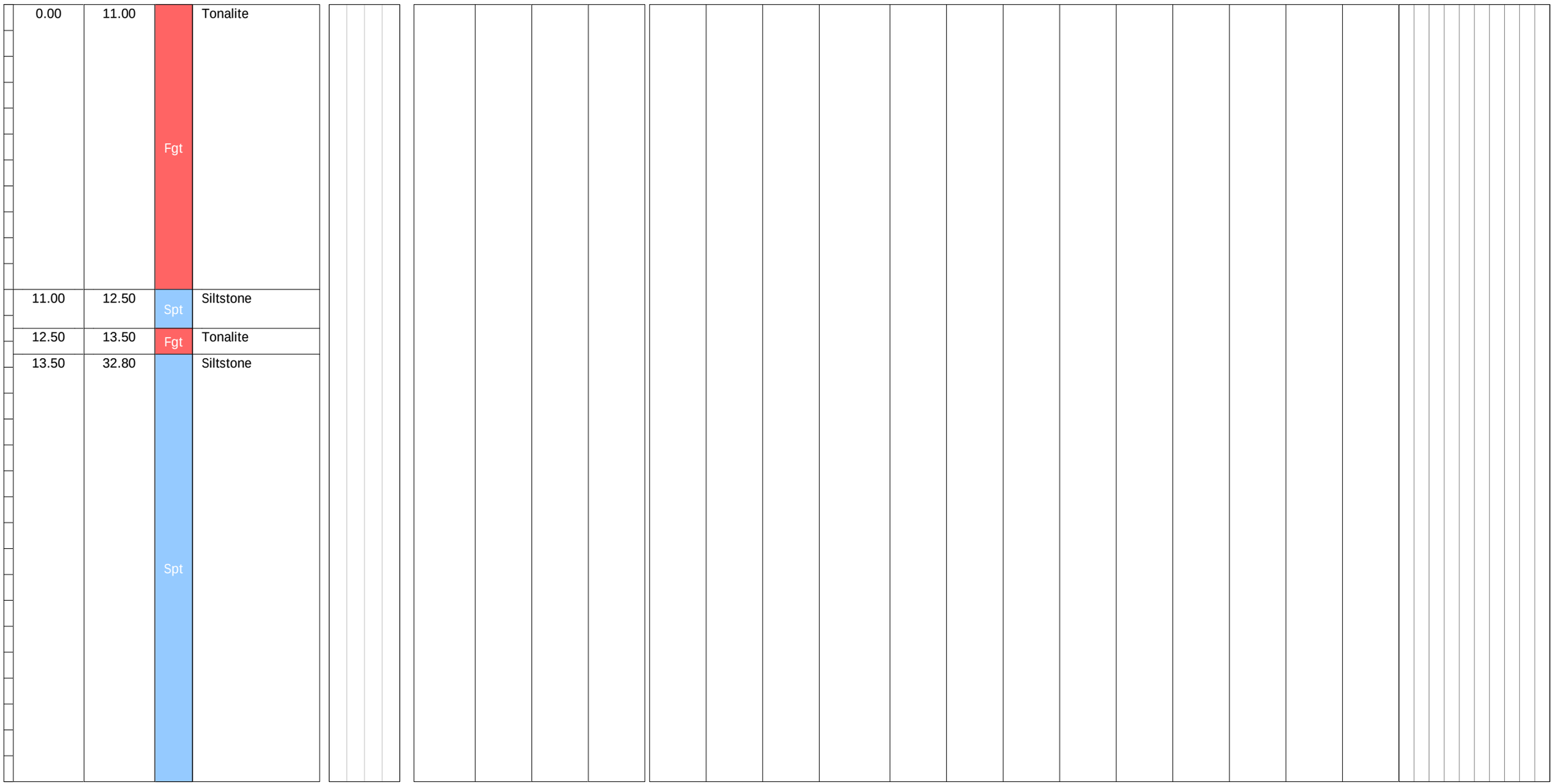
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
0.00	11.00	Fgt	Tonalite
11.00	12.50	Spt	Siltstone
12.50	13.50	Fgt	Tonalite
13.50	32.80	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
13.50	32.80	Spt	Siltstone																			
32.80	34.80	Fgt	Tonalite																			
34.80	40.00	Spt	Siltstone																			
40.00	41.70	Fgt	Tonalite																			
41.70	54.00	Spt	Siltstone																			
54.00	90.50		Siltstone																			

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
54.00	90.50	Spt	Siltstone																			

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
54.00	90.50	Spt	Siltstone
90.50	95.50	Fgt	Tonalite
95.50	101.80	Spt	Siltstone
101.80	107.75	Fgt	Tonalite
107.75	109.50	Spt	Siltstone
109.50	110.00	Fgt	Tonalite
110.00	116.00	Spt	Siltstone
116.00	117.00	Fgt	Tonalite
117.00	118.00	Spt	Siltstone
118.00	120.00	Fgt	Tonalite

Magsus 0 100 200

Sulphide	Cpy %	Po %	Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
120.00	129.70	Spt	Siltstone
129.70	132.00	Hg	Hybrid Grey
132.00	134.00	Hg	Hybrid Grey
134.00	135.00	Mgm	Gabbro - Melanocratic
135.00	137.75	Hc	Hybrid Classic Red
137.75	138.07	Hc	Hybrid Classic Red
138.07	146.00	Mgm	Gabbro - Melanocratic
146.00	162.80	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.0		1.0	
1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
126.00	128.00	2.00	H740941	0.0077	0.005	13	70	0.002	0.250	15	21	102
128.00	130.00	2.00	H740942	0.0157	0.011	101	95	0.004	0.250	21	37	188
130.00	132.00	2.00	H740943	0.1610	0.124	298	177	0.010	0.250	22	45	198
132.00	134.00	2.00	H740944	0.1720	0.142	296	159	0.010	0.250	13	31	202
134.00	135.00	1.00	H740946	0.2050	0.162	550	536	0.012	0.250	19	74	905
135.00	136.50	1.50	H740947	0.0158	0.014	43	97	0.005	0.250	24	28	197
136.50	138.07	1.57	H740948	0.0352	0.028	147	87	0.001	0.250	12	29	146
138.07	140.00	1.93	H740949	0.3040	0.289	849	881	0.018	0.500	26	101	1330
140.00	142.00	2.00	H740950	0.2980	0.259	760	921	0.016	0.600	18	107	1560
142.00	144.00	2.00	H740951	0.6260	0.552	1565	1120	0.037	0.800	20	109	1730
144.00	146.00	2.00	H740952	1.4700	1.460	4060	2030	0.090	1.800	18	149	2000
146.00	148.00	2.00	H740953	0.8080	0.707	2260	1990	0.048	1.200	37	154	2830
148.00	150.00	2.00	H740954	1.0700	1.000	3010	2000	0.070	1.900	16	159	2950

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
146.00	162.80	Upd	Peridotite
162.80	171.90	Mgm	Gabbro - Melanocratic
171.90	176.60	Fgg	Alkali feldspar granite
176.60	180.10	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	
0.1		0.1	
1.5	0.5	1.0	
2.5	0.5	2.0	
1.5	0.5	1.0	
4.0	1.0	3.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	152.00	2.00	H740956	0.3710	0.301	1050	1650	0.026	0.600	25	142	2900
152.00	154.00	2.00	H740957	1.0900	0.980	2810	1980	0.070	2.000	42	161	3060
154.00	156.00	2.00	H740958	0.6300	0.541	1695	1780	0.040	0.900	25	166	3080
156.00	158.00	2.00	H740959	0.3660	0.330	993	1600	0.027	0.600	16	157	3030
158.00	160.00	2.00	H740960	0.3250	0.290	992	1530	0.019	0.500	15	151	3160
160.00	162.00	2.00	H740961	0.2890	0.247	969	1480	0.018	0.250	16	147	3050
162.00	164.00	2.00	H740962	0.4250	0.359	1220	1600	0.026	0.600	5	148	2900
164.00	165.00	1.00	H740963	0.1210	0.102	406	1340	0.007	0.250	23	133	2230
165.00	166.00	1.00	H740964	0.3610	0.304	1100	1690	0.028	0.500	14	148	2000
166.00	167.00	1.00	H740966	0.0713	0.060	678	1390	0.008	0.250	10	136	2210
167.00	168.00	1.00	H740967	0.1550	0.135	548	1400	0.014	0.250	3	140	2150
168.00	169.00	1.00	H740968	0.3090	0.281	1095	1510	0.024	0.250	3	142	2460
169.00	170.00	1.00	H740969	0.3390	0.304	997	1310	0.029	0.500	8	130	2310
170.00	171.00	1.00	H740970	0.1810	0.148	701	1030	0.017	0.250	6	116	2200
171.00	171.90	0.90	H740971	0.4810	0.448	1665	1480	0.036	0.600	7	125	1955
171.90	173.90	2.00	H740972	0.0018	0.001	4	6	0.001	0.900	3	1	11
173.90	175.90	2.00	H740973	0.0011	0.001	41	8	0.001	0.250	3	2	10

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
176.60	180.10		Siltstone																			
180.10	186.80	Fgg	Alkali feldspar granite																			
186.80	195.75	Spt	Siltstone																			
195.75	197.50	Fgt	Tonalite																			
197.50	204.00	Spt	Siltstone																			
204.00	207.30	Fgt	Tonalite																			
207.30	219.00	Spt	Siltstone																			

Hole Number: BL09-121

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 19/06/2009
End Date: 21/06/2009

Magma Metals (Canada) Ltd.

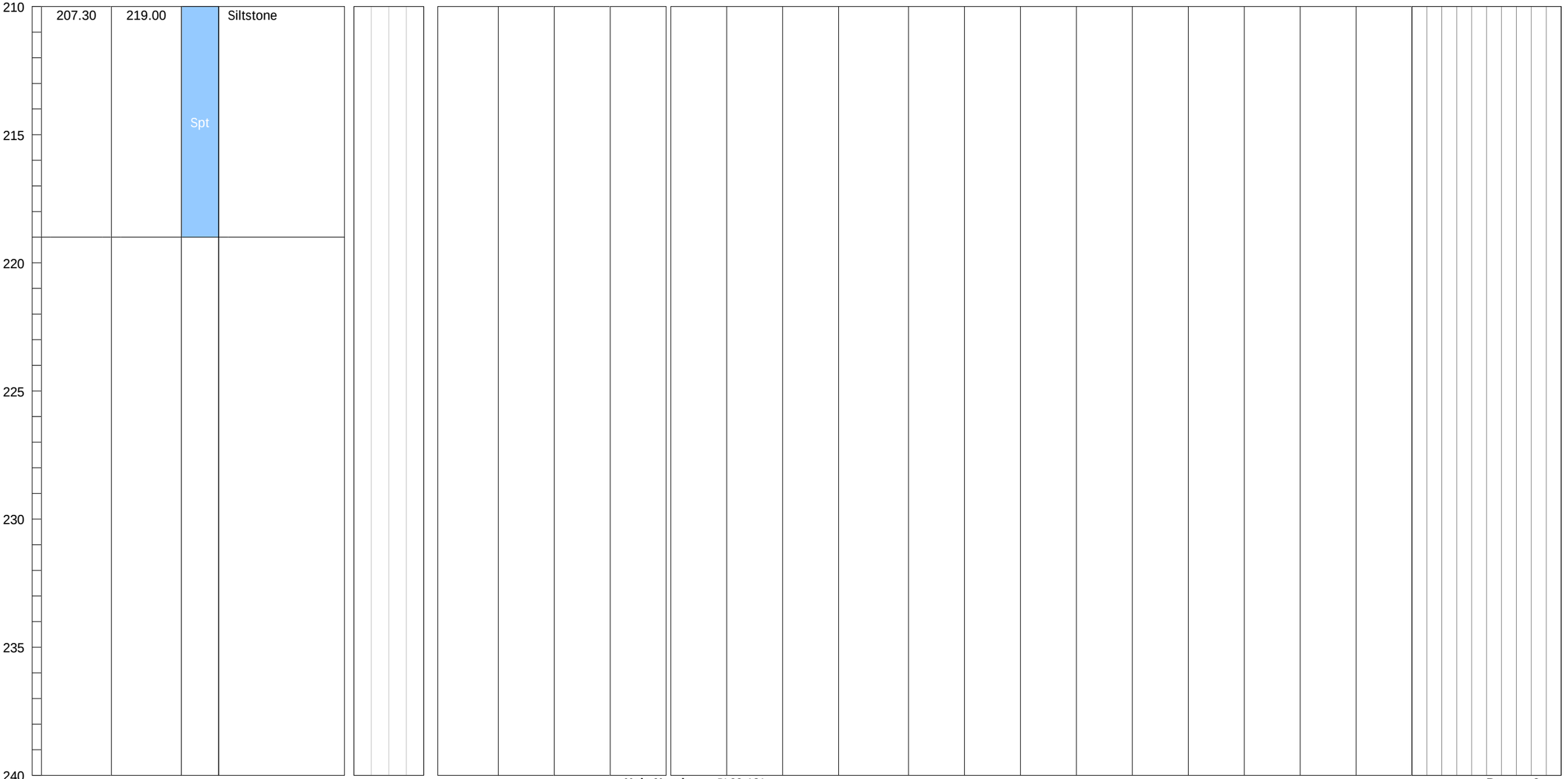
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402458.95
Easting: 357999.14
Elevation: 497.16

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
207.30	219.00	Spt	Siltstone



Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

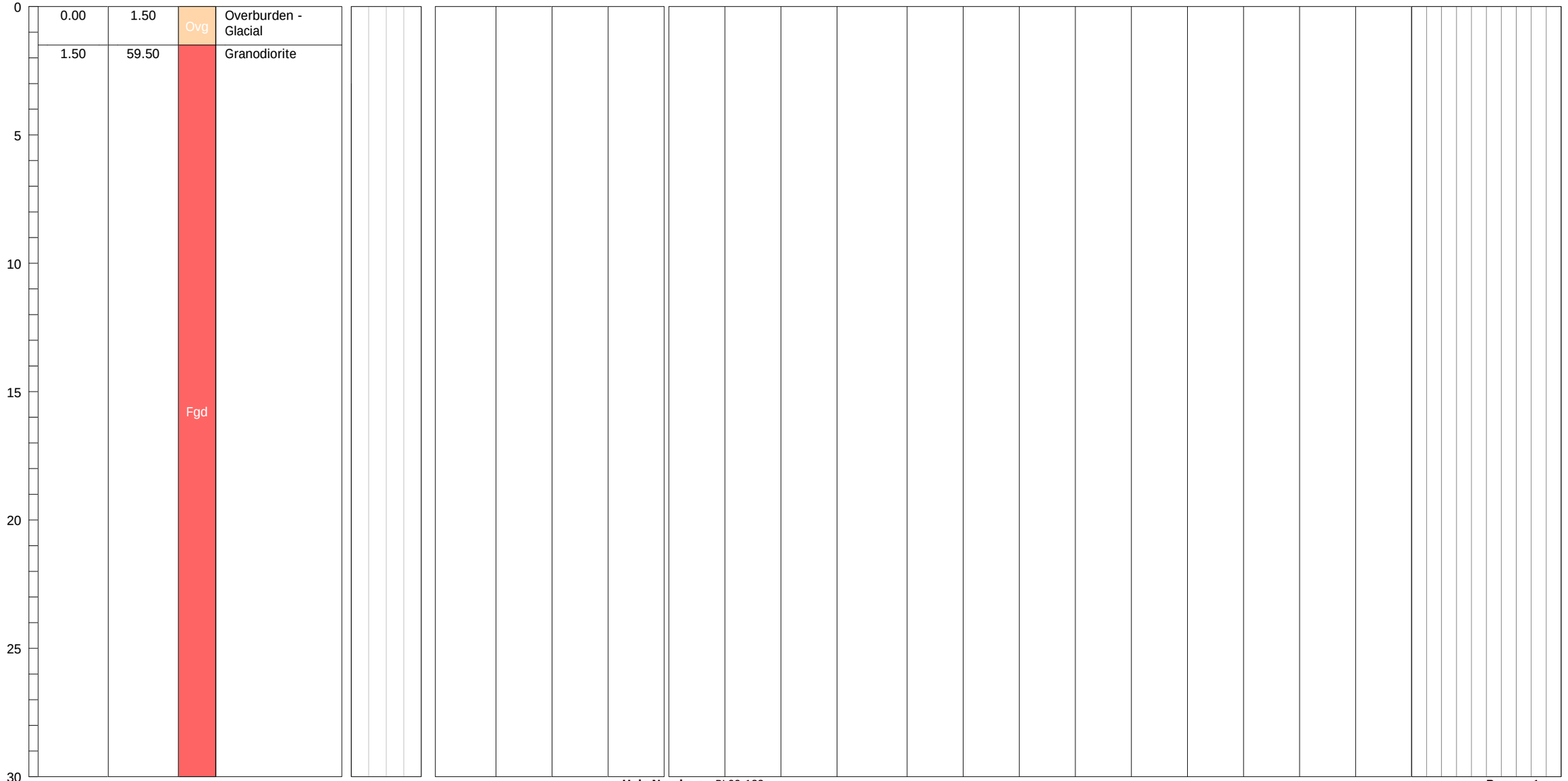
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	59.50	Fgd	Granodiorite



Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

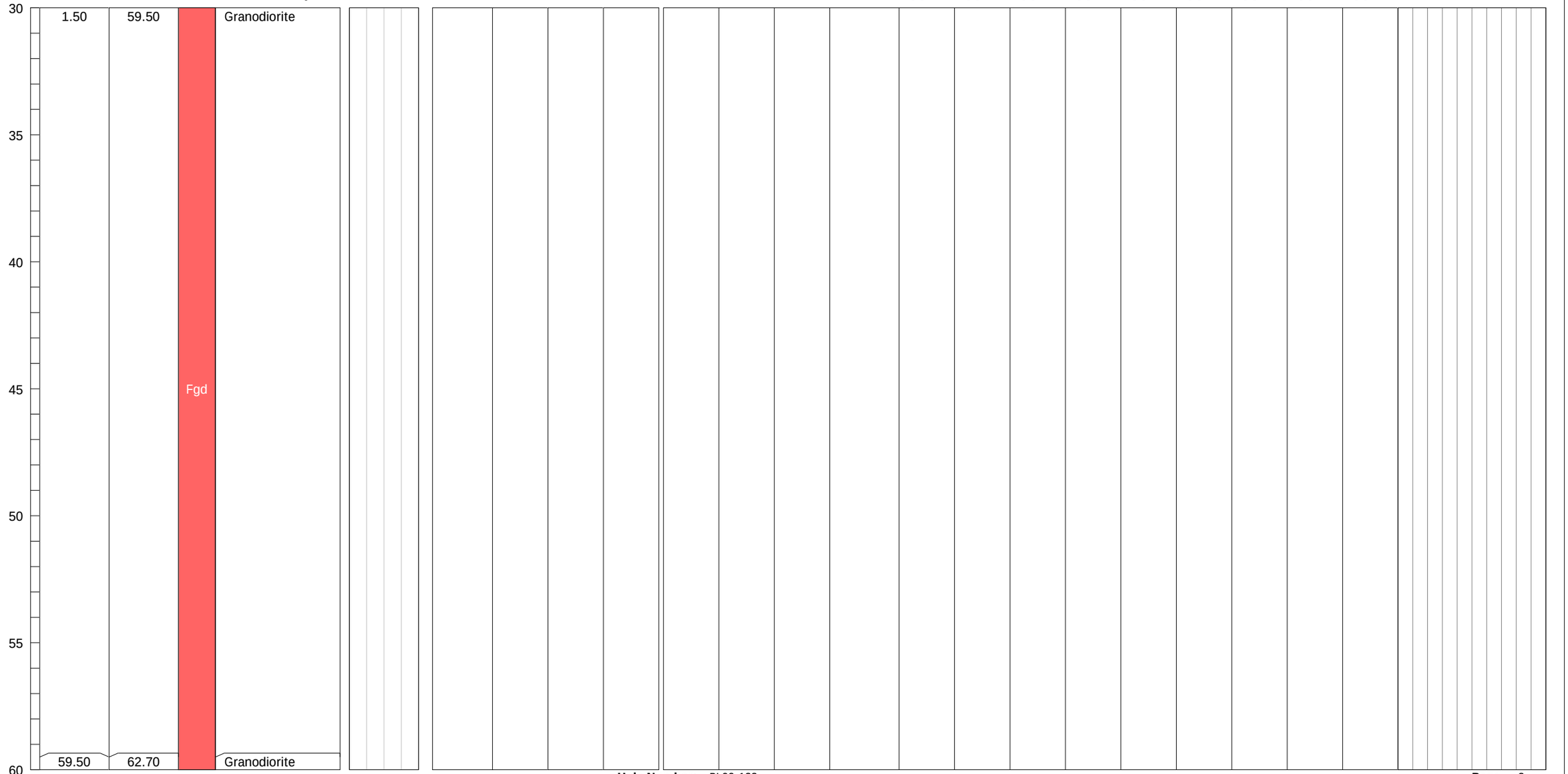
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
1.50	59.50	Fgd	Granodiorite
59.50	62.70		Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

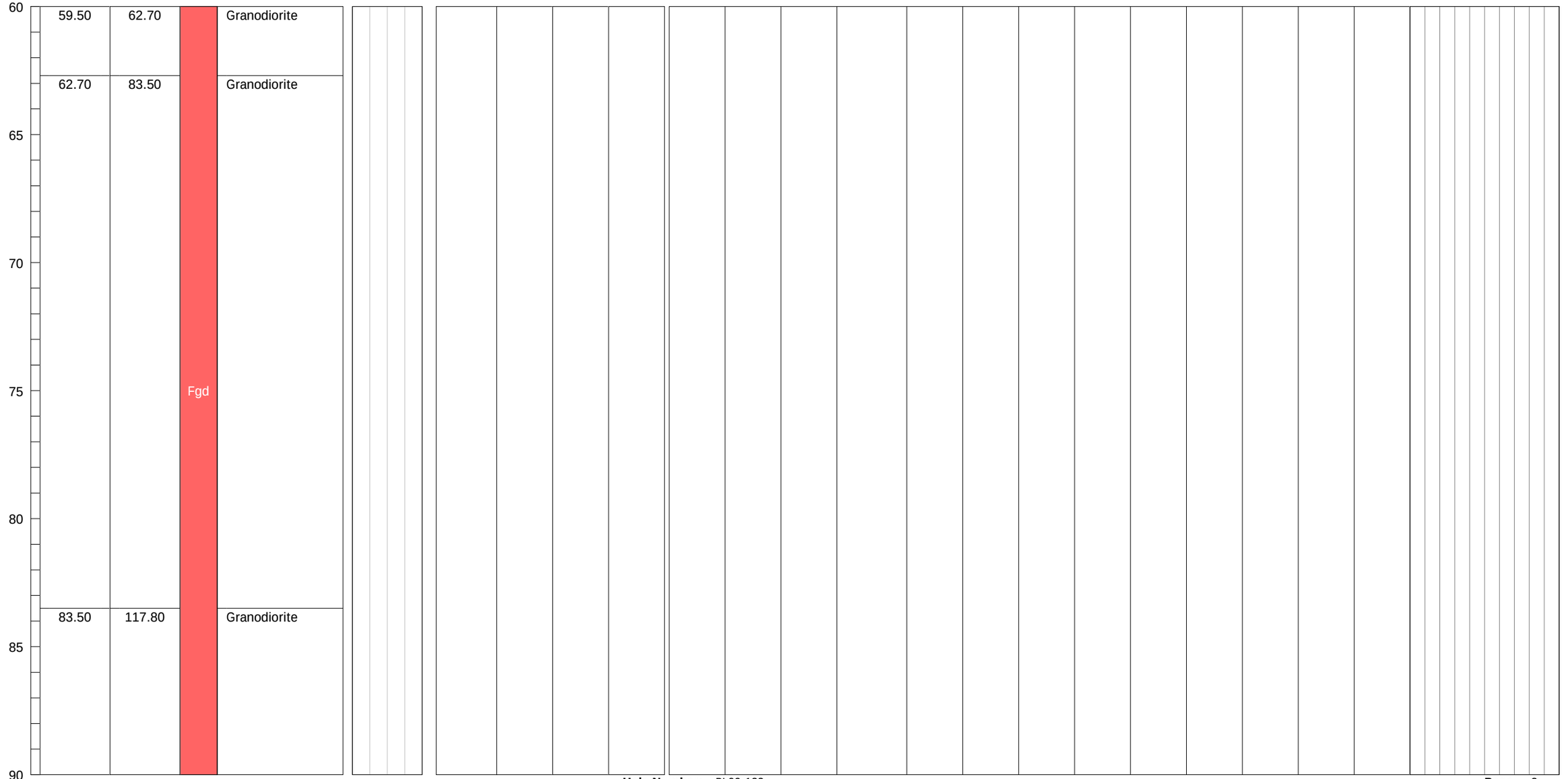
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
59.50	62.70	Fgd	Granodiorite
62.70	83.50		Granodiorite
83.50	117.80		Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
83.50	117.80	Fgd	Granodiorite																			
117.80	144.90		Granodiorite																			

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

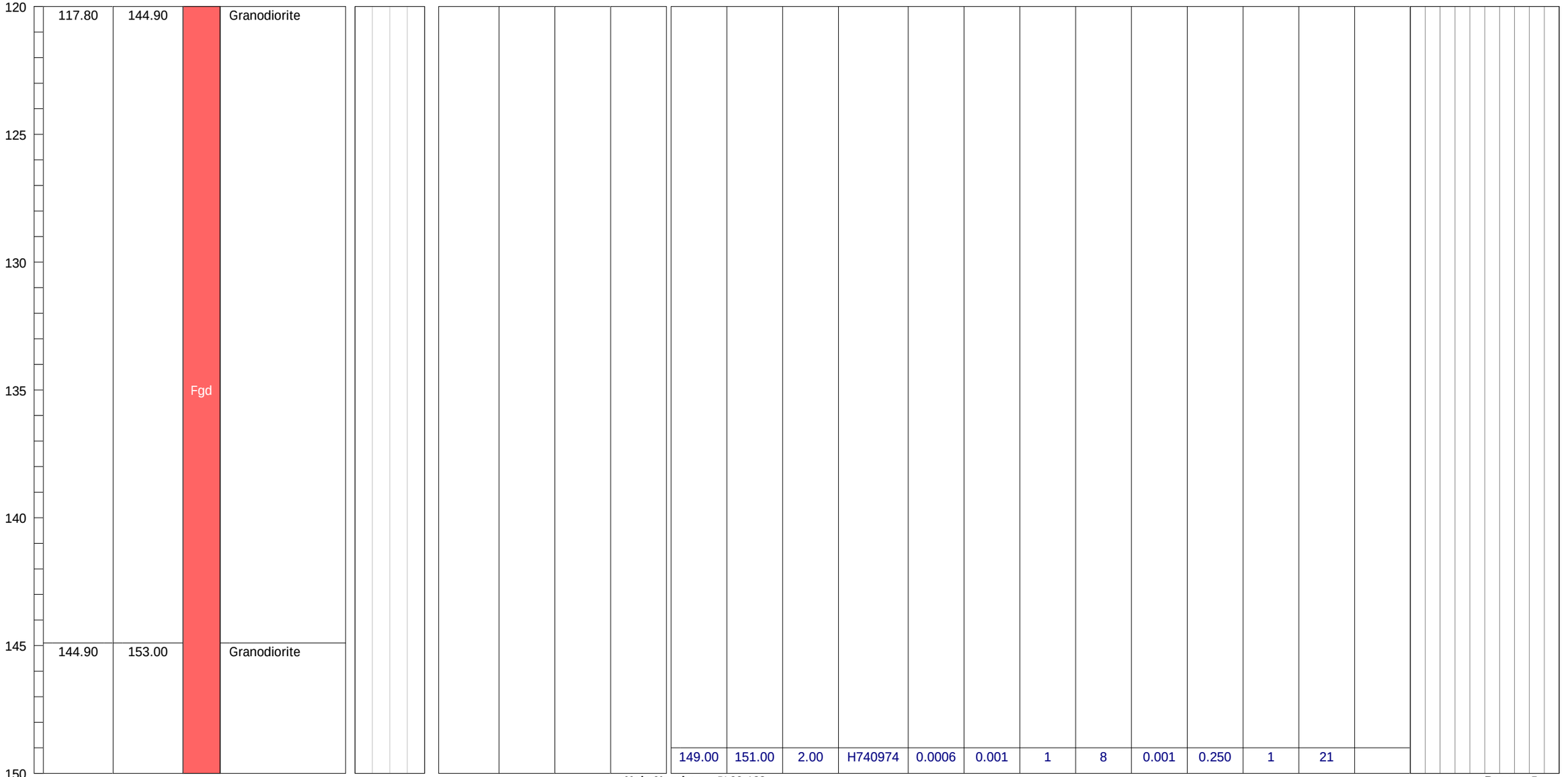
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
117.80	144.90	Fgd	Granodiorite
144.90	153.00		Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H740974	0.0006	0.001	1	8	0.001	0.250	1	21	

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

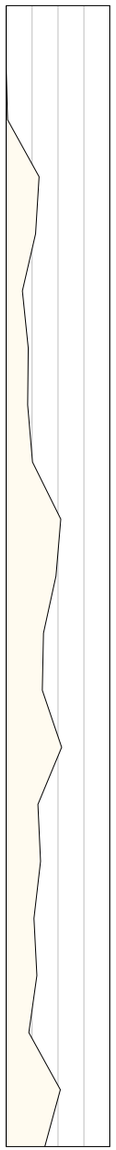
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

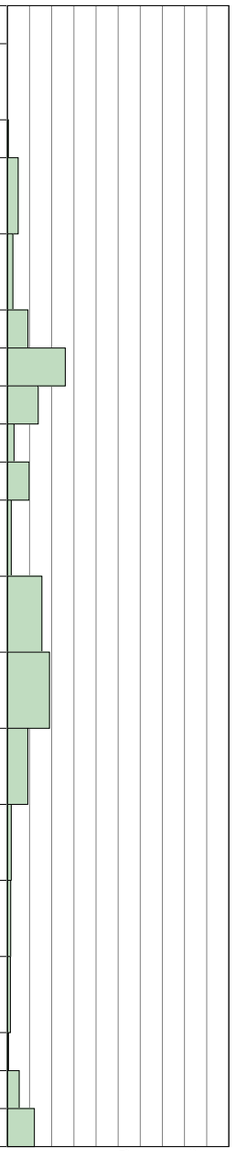
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

From m	To m	Code	Rock description
144.90	153.00	Fgd	Granodiorite
153.00	154.50	Hg	Hybrid Grey
154.50	182.90	Mgm	Gabbro - Melanocratic



From m	To m	Sulphide %	Cpy %	Po %	Py %
144.90	153.00				
153.00	154.50	1.0			1.0
154.50	182.90	3.0	0.1	0.9	2.0
		8.1	0.1	5.0	3.0
		1.6	0.1	1.0	0.5
		5.6	0.1	5.0	0.5
		0.7	0.1	0.5	0.1
		3.5		3.0	0.5
		6.5	0.5	5.0	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H740974	0.0006	0.001	1	8	0.001	0.250	1	21	
151.00	153.00	2.00	H740975	0.0016	0.001	1	4	0.001	0.250	2	16	
153.00	154.00	1.00	H740976	0.0245	0.012	153	110	0.002	0.250	41	424	
154.00	156.00	2.00	H740977	0.2510	0.234	721	732	0.018	0.250	91	1090	
156.00	158.00	2.00	H740978	0.1310	0.111	341	681	0.010	0.250	96	1290	
158.00	159.00	1.00	H740979	0.4930	0.432	1185	932	0.012	1.000	112	1400	
159.00	160.00	1.00	H740981	1.3400	1.270	3270	1630	0.100	2.500	141	1240	
160.00	161.00	1.00	H740982	0.7350	0.651	1805	1250	0.025	1.300	122	1320	
161.00	162.00	1.00	H740983	0.1570	0.138	365	735	0.010	0.500	94	1350	
162.00	163.00	1.00	H740984	0.5060	0.476	1175	995	0.031	0.800	104	1290	
163.00	165.00	2.00	H740985	0.0931	0.080	300	682	0.008	0.250	93	1520	
165.00	167.00	2.00	H740986	0.7910	0.765	2210	1460	0.061	1.300	131	1630	
167.00	169.00	2.00	H740987	0.9500	0.950	2260	1230	0.070	1.800	117	1600	
169.00	171.00	2.00	H740988	0.4720	0.447	1280	985	0.040	1.100	105	1480	
171.00	173.00	2.00	H740989	0.0950	0.080	298	723	0.009	0.250	96	1460	
173.00	175.00	2.00	H740991	0.0735	0.072	252	681	0.008	0.250	92	1440	
175.00	177.00	2.00	H740992	0.0735	0.061	238	602	0.006	0.250	83	1220	
177.00	178.00	1.00	H740993	0.0250	0.021	156	372	0.007	0.250	57	938	
178.00	179.00	1.00	H740994	0.2630	0.268	819	735	0.016	0.600	95	1130	
179.00	180.00	1.00	H740995	0.6110	0.606	1675	799	0.037	1.200	77	522	



Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
154.50	182.90	Mgm	Gabbro - Melanocratic
182.90	185.80	Spt	Siltstone
185.80	190.90	Fg	Granite - Undifferentiated
190.90	197.50	Spt	Siltstone
197.50	198.45	Fg	Granite - Undifferentiated
198.45	202.55	Spt	Siltstone
202.55	204.05	Hg	Hybrid Grey
204.05	208.50	Hg	Hybrid Grey
208.50	208.80	Spt	Siltstone
208.80	209.05	Hg	Hybrid Grey
209.05	209.95	Spt	Siltstone
209.95	210.50	Hg	Hybrid Grey

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
6.5	0.5	5.0	1.0
6.5		6.0	0.5
1.5		1.0	0.5
0.6		0.5	0.1
0.1			0.1
1.1			1.1
1.0			1.0
0.1			0.1
0.2			0.2

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	181.00	1.00	H740996	0.2560	0.236	727	613	0.018	0.500	84	1060	
181.00	182.00	1.00	H740997	0.0623	0.057	234	475	0.008	0.250	78	1100	
182.00	182.90	0.90	H740998	0.1100	0.085	276	431	0.008	0.250	72	903	
182.90	184.90	2.00	H740999	0.0032	0.003	94	66	0.002	0.250	19	92	
184.90	186.90	2.00	H741001	0.0014	0.001	66	47	0.002	0.500	13	55	
198.55	200.55	2.00	H744601	0.0020	0.002	54	86	0.001	0.250	20	123	
200.55	202.55	2.00	H744602	0.0025	0.002	46	157	0.001	0.250	26	223	
202.55	204.55	2.00	H744603	0.0006	0.001	26	31	0.002	0.250	48	16	
204.55	206.55	2.00	H744604	0.0014	0.001	42	61	0.001	0.250	69	55	
206.55	208.50	1.95	H744605	0.0006	0.001	34	28	0.001	0.250	50	16	
208.50	210.50	2.00	H744606	0.0016	0.001	39	69	0.001	0.250	27	88	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
209.95	210.50	Hg	Hybrid Grey
210.50	232.90	Spt	Siltstone
232.90	237.80	Fgd	Granodiorite
237.80	251.70	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.2			0.2

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
208.50	210.50	2.00	H744606	0.0016	0.001	39	69	0.001	0.250	27	88	
210.50	212.50	2.00	H744607	0.0023	0.002	38	67	0.001	0.250	20	89	
212.50	214.50	2.00	H744608	0.0021	0.002	51	70	0.001	0.250	18	102	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
237.80	251.70	Spt	Siltstone
251.70	261.55	Fgd	Granodiorite
261.55	267.80		Granodiorite
267.80	284.70	Spt	Siltstone

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

240 245 250 255 260 265 270

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
267.80	284.70	Spt	Siltstone
284.70	285.70	Fgd	Granodiorite
285.70	306.35	Spt	Siltstone

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

270 275 280 285 290 295 300

Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

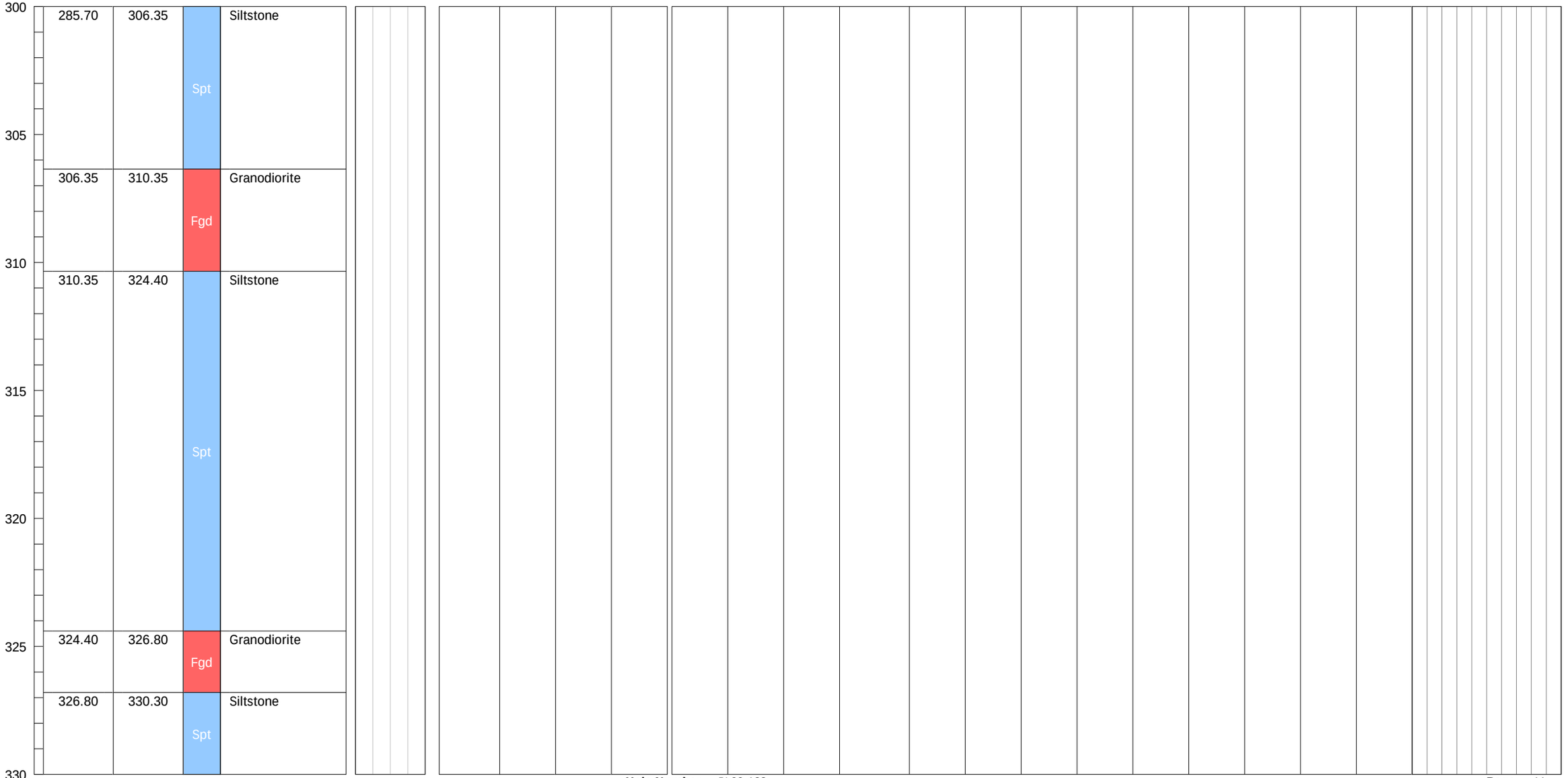
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

From m	To m	Code	Rock description
285.70	306.35	Spt	Siltstone
306.35	310.35	Fgd	Granodiorite
310.35	324.40	Spt	Siltstone
324.40	326.80	Fgd	Granodiorite
326.80	330.30	Spt	Siltstone



Hole Number: BL09-122

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/06/2009
End Date: 25/06/2009

Magma Metals (Canada) Ltd.

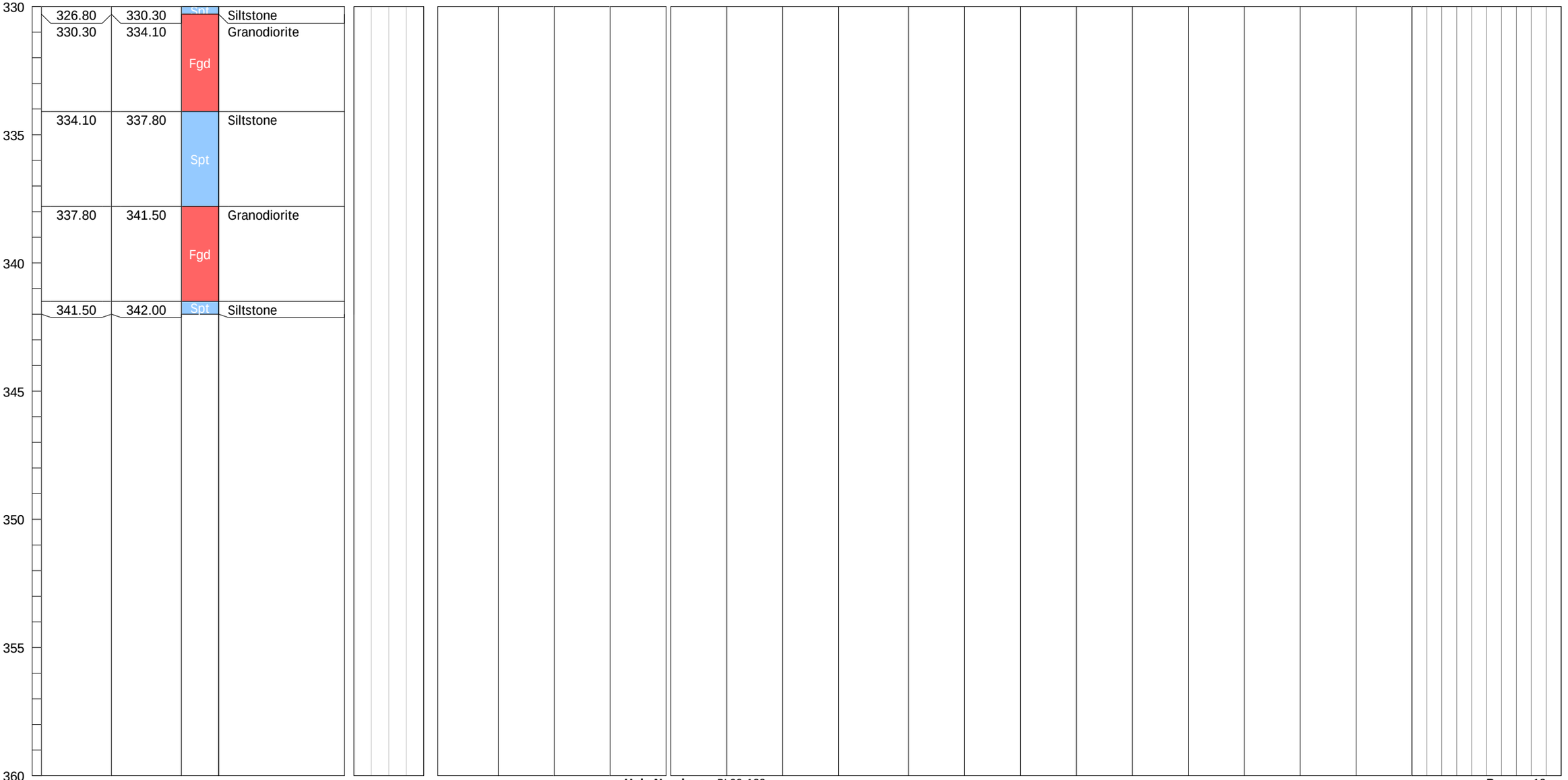
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402523.47
Easting: 358100.70
Elevation: 494.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

From m	To m	Code	Rock description
326.80	330.30	Spt	Siltstone
330.30	334.10	Fgd	Granodiorite
334.10	337.80	Spt	Siltstone
337.80	341.50	Fgd	Granodiorite
341.50	342.00	Spt	Siltstone



Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
0.00	4.50	Ovg	Overburden - Glacial
4.50	5.00	Fgr	Granite
5.00	22.35	Fgr	Granodiorite
22.35	29.65	Spt	Siltstone
29.65	31.60	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

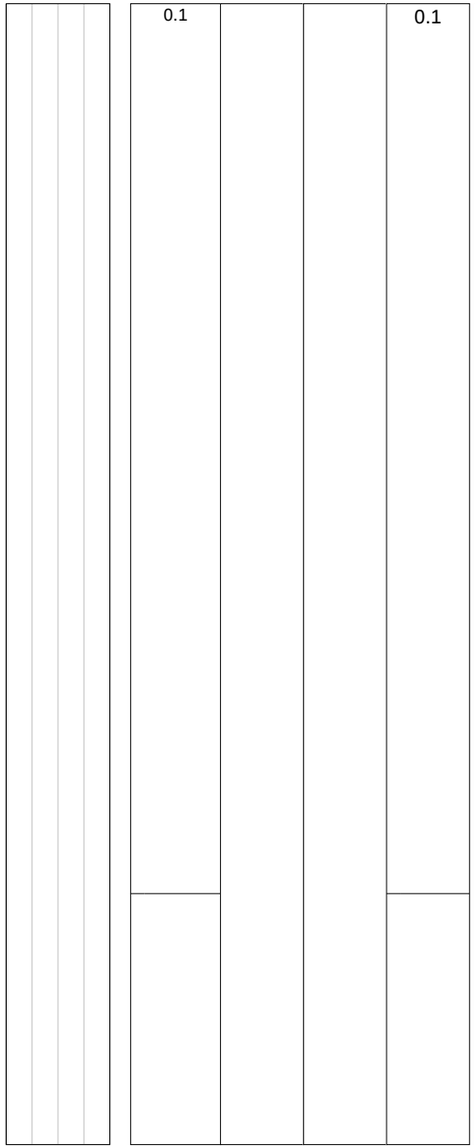
Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
29.65	31.60	Fgd	Granodiorite
31.60	53.40	Spt	Siltstone
53.40	59.80	Fgr	Granite
59.80	74.20	Spt	Siltstone

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
58.00	60.00	2.00	H744609	0.0006	0.001	5	10	0.003	0.250	3	37	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
59.80	74.20	Spt	Siltstone
74.20	82.95	Fgd	Granodiorite
82.95	114.60	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5			
0.5			
0.5			
0.5			
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
60.00	61.50	1.50	H744611	0.0014	0.001	41	50	0.002	0.250	13	94	
61.50	63.15	1.65	H744612	0.0008	0.001	50	40	0.001	0.250	13	79	
63.15	65.15	2.00	H744613	0.0009	0.001	44	43	0.001	0.250	14	80	
65.15	67.15	2.00	H744614	0.0012	0.001	70	60	0.001	0.250	20	125	
74.45	76.45	2.00	H744615	0.0011	0.001	11	41	0.002	0.250	9	81	
76.45	77.45	1.00	H744616	0.0006	0.001	9	13	0.001	0.250	3	26	
77.45	79.45	2.00	H744617	0.0007	0.001	8	22	0.001	0.250	6	50	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

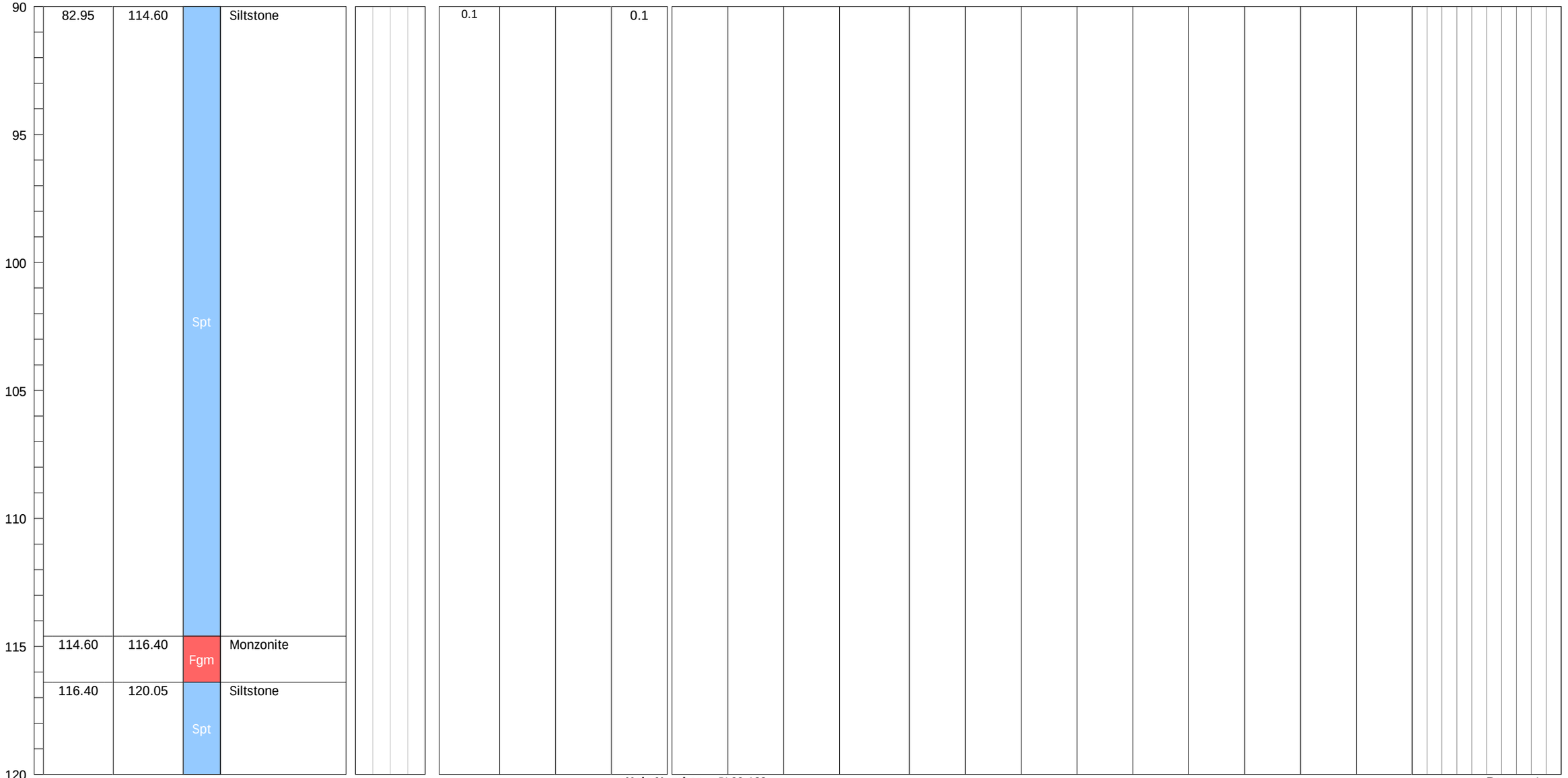
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
82.95	114.60	Spt	Siltstone
114.60	116.40	Fgm	Monzonite
116.40	120.05	Spt	Siltstone



Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

From m	To m	Code	Rock description
116.40	120.05		Siltstone
120.05	122.75	Fgd	Granodiorite
122.75	125.40	Spt	Siltstone
125.40	125.80	M	Siltstone
125.80	126.00		Mafic
126.00	133.10	Hr	Undifferentiated Hybrid Classic Red
133.10	192.00	Mgm	Gabbro - Melanocratic

From m	To m	Sulphide %	Cpy %	Po %	Py %
116.40	120.05	0.1			0.1
120.05	122.75				
122.75	125.40				
125.40	125.80				
125.80	126.00	0.5			0.5
126.00	133.10				
133.10	192.00	1.1	0.1		1.0
		2.1	0.1		2.0
		3.5	0.5		3.0
		5.1	2.0	0.1	3.0
		0.7	0.1	0.5	0.1
		8.7	3.1	0.5	5.1
		0.7	0.1	0.5	0.1
		2.8	0.2	0.5	2.1
		0.7	0.1	0.5	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
122.00	124.00	2.00	H744618	0.0009	0.001	28	40	0.002	0.250	12	72	
124.00	126.00	2.00	H744619	0.0022	0.002	23	69	0.005	0.250	22	134	
126.00	128.00	2.00	H744621	0.0242	0.021	31	47	0.004	0.250	12	88	
128.00	130.00	2.00	H744622	0.0447	0.032	28	46	0.005	0.250	12	78	
130.00	132.00	2.00	H744623	0.0737	0.067	40	55	0.006	0.250	14	87	
132.00	134.00	2.00	H744624	0.1480	0.141	321	454	0.011	0.250	64	810	
134.00	136.00	2.00	H744625	0.3270	0.312	646	907	0.021	0.250	103	1600	
136.00	138.00	2.00	H744626	0.2850	0.269	680	1160	0.020	0.250	115	2330	
138.00	140.00	2.00	H744627	0.1580	0.148	383	959	0.013	0.250	111	1950	
140.00	142.00	2.00	H744628	0.5270	0.528	1150	1400	0.035	0.900	125	2310	
142.00	143.00	1.00	H744629	0.8220	0.777	1635	1640	0.050	1.300	136	2300	
143.00	144.00	1.00	H744631	1.1100	0.990	2010	1650	0.070	1.400	134	2400	
144.00	145.00	1.00	H744632	1.9300	1.740	3790	2450	0.110	2.600	163	2310	
145.00	146.00	1.00	H744633	4.4000	3.860	7610	3140	0.300	6.500	181	2240	
146.00	147.00	1.00	H744634	5.7300	5.150	9500	3370	0.380	8.400	181	1465	
147.00	148.00	1.00	H744635	0.4230	0.487	1375	1270	0.027	0.500	107	1400	
148.00	149.00	1.00	H744636	0.2140	0.192	516	1030	0.016	0.500	109	1855	
149.00	150.00	1.00	H744637	0.4940	0.469	1225	1270	0.038	0.600	121	1945	

Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
133.10	192.00	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6		0.5	0.1
1.6	0.5	1.0	0.1
2.1	1.0	1.0	0.1
2.5	0.5	1.0	1.0
1.3	0.1	0.1	1.1
0.8	0.1	0.1	0.6
6.0			6.0
5.1			5.1
1.1			1.1
1.6		0.5	1.1
1.2	0.1	0.9	0.2

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	151.00	1.00	H744638	1.1700	1.080	2570	2020	0.070	1.400	147	2390	
151.00	152.00	1.00	H744639	0.2660	0.241	811	1390	0.020	0.500	133	2550	
152.00	153.00	1.00	H744641	0.4970	0.496	1370	1860	0.030	1.000	142	2700	
153.00	154.00	1.00	H744642	0.4930	0.478	1510	1650	0.039	1.200	139	2860	
154.00	155.00	1.00	H744643	0.1840	0.172	639	1410	0.019	0.250	133	3160	
155.00	156.00	1.00	H744644	0.0576	0.057	316	1410	0.011	0.250	134	2930	
156.00	158.00	2.00	H744645	0.1750	0.167	537	1510	0.014	0.250	135	2990	
158.00	160.00	2.00	H744646	0.0720	0.067	196	1320	0.006	0.250	138	2940	
160.00	162.00	2.00	H744647	0.0488	0.047	150	1230	0.005	0.250	136	2800	
162.00	164.00	2.00	H744648	0.0643	0.061	222	1390	0.006	0.250	150	2940	
164.00	166.00	2.00	H744649	0.0385	0.036	142	1340	0.007	0.250	145	2780	
166.00	168.00	2.00	H744651	0.0554	0.054	170	1330	0.007	0.250	141	2740	
168.00	169.00	1.00	H744652	0.0888	0.088	318	1380	0.008	0.250	145	2970	
169.00	171.00	2.00	H744653	0.0345	0.033	146	1280	0.005	0.250	140	3090	
171.00	173.00	2.00	H744654	0.0790	0.076	246	1420	0.009	0.250	140	3090	
173.00	175.00	2.00	H744655	0.1270	0.125	433	1420	0.011	0.250	137	2810	
175.00	177.00	2.00	H744656	0.1180	0.110	337	1380	0.011	0.250	133	2470	
177.00	179.00	2.00	H744657	0.0724	0.068	211	1370	0.008	0.250	135	2130	
179.00	181.00	2.00	H744658	0.0836	0.079	244	1410	0.009	0.250	137	2080	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
133.10	192.00	Mgm	Gabbro - Melanocratic
192.00	193.60	Fg	Granite - Undifferentiated
193.60	194.50	Spt	Siltstone
194.50	208.65	Spt	Siltstone
208.65	209.35	Fgt	Tonalite
209.35	224.15	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.2	0.1	0.5	0.6
5.6	0.5	2.0	3.1
1.6	0.1	0.9	0.6
2.3	0.1	0.1	2.1
0.6			0.6
0.1			0.1
0.2			0.1
0.3			0.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H744658	0.0836	0.079	244	1410	0.009	0.250	137	2080	
181.00	182.00	1.00	H744659	0.1230	0.121	336	1440	0.012	0.250	136	1935	
182.00	183.00	1.00	H744661	0.4610	0.426	1240	1770	0.034	0.900	154	1870	
183.00	184.00	1.00	H744662	0.7140	0.679	1935	2080	0.054	1.300	152	2000	
184.00	185.00	1.00	H744663	0.8690	0.824	2120	2000	0.070	1.700	152	1970	
185.00	186.00	1.00	H744664	0.4680	0.437	1245	1610	0.041	0.900	143	1910	
186.00	187.00	1.00	H744665	0.2630	0.247	749	1430	0.024	0.600	134	1895	
187.00	188.00	1.00	H744666	0.6530	0.613	1735	1940	0.053	1.100	150	1970	
188.00	189.00	1.00	H744667	0.5500	0.518	1405	1640	0.050	1.100	141	1940	
189.00	190.00	1.00	H744668	0.4400	0.420	1130	1470	0.041	0.800	134	2020	
190.00	191.00	1.00	H744669	0.0978	0.090	289	1120	0.012	0.250	123	1955	
191.00	192.00	1.00	H744671	0.3620	0.360	1075	1230	0.037	0.500	107	1540	
192.00	193.60	1.60	H744672	0.0045	0.004	11	29	0.005	0.250	7	68	
193.60	195.00	1.40	H744673	0.0026	0.003	5	13	0.004	0.250	3	26	
195.00	197.00	2.00	H744674	0.0022	0.002	38	59	0.003	0.250	18	135	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-123

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 25/06/2009
End Date: 27/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.23
Easting: 358100.73
Elevation: 487.64

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
209.35	224.15	Spt	Siltstone
224.15	225.15	Fgt	Tonalite
225.15	237.00	Spt	Siltstone
237.00	240.00	Fgt	Tonalite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2			0.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-124

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/06/2009
End Date: 28/06/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402325.00
Easting: 358200.00
Elevation: 473.50

Azimuth: 180.0°
Dip: -85.00°
Final Depth: 27.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample			Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	27.00	Ovg	Overburden - Glacial																		

Hole Number: BL09-125

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/06/2009
End Date: 01/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.54
Easting: 358200.89
Elevation: 472.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 60.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	22.00	Ovg	Overburden - Glacial					
22.00	25.00	Spt	Siltstone		0.1			0.1
25.00	31.00	Zib	Mixed Intrusion Breccia		0.2	0.1		0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-125

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/06/2009
End Date: 01/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.54
Easting: 358200.89
Elevation: 472.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 60.00

From m	To m	Code	Rock description
25.00	31.00	Zib	Mixed Intrusion Breccia
31.00	33.00	M	Mafic Undifferentiated
33.00	37.00	Spt	Siltstone
37.00	38.00	M	Mafic Undifferentiated
38.00	39.00		Mafic Undifferentiated
39.00	42.00	Spt	Siltstone
42.00	48.00		Siltstone
48.00	60.00		Siltstone

From m	To m	Sulphide %	Cpy %	Po %	Py %
25.00	31.00	0.2	0.1		0.1
31.00	33.00	0.1			0.1
33.00	37.00	0.5			0.5
37.00	38.00				
38.00	39.00				
39.00	42.00				
42.00	48.00	0.1			0.1
48.00	60.00				

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
0.00	6.00	Ovg	Overburden - Glacial
6.00	6.20	Fgr	Granite
6.20	10.20	Spt	Siltstone
10.20	20.45	Fgd	Granodiorite
20.45	27.85	Spt	Siltstone
27.85	33.80	Fgd	Granodiorite

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
7.1			7.1
0.1	0.1		0.1
0.3			0.2
0.1			0.1
0.6			0.6
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
27.85	33.80	Fgd	Granodiorite
33.80	38.30	Spt	Siltstone
38.30	42.00	Fgd	Granodiorite
42.00	59.05	Spt	Siltstone
59.05	62.80	Fgd	Granodiorite

Magsus (0 100 200) | Sulphide % (0.1) | Cpy % | Po % | Py % (0.1)

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

From m	To m	Lithology Code	Rock description	Magsus (0 100 200)	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) (0 2 4 6 8 10)
59.05	62.80	Fgd	Granodiorite		0.1			0.1														
62.80	67.30	Spt	Siltstone																			
67.30	71.50	Fgd	Granodiorite																			
71.50	76.20	Spt	Siltstone																			
76.20	77.20	Fgd	Granodiorite		0.6			0.6														
77.20	87.75	Spt	Siltstone		0.1			0.1														
					1.1			1.1														
87.75	120.85		Siltstone		0.1			0.1														

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

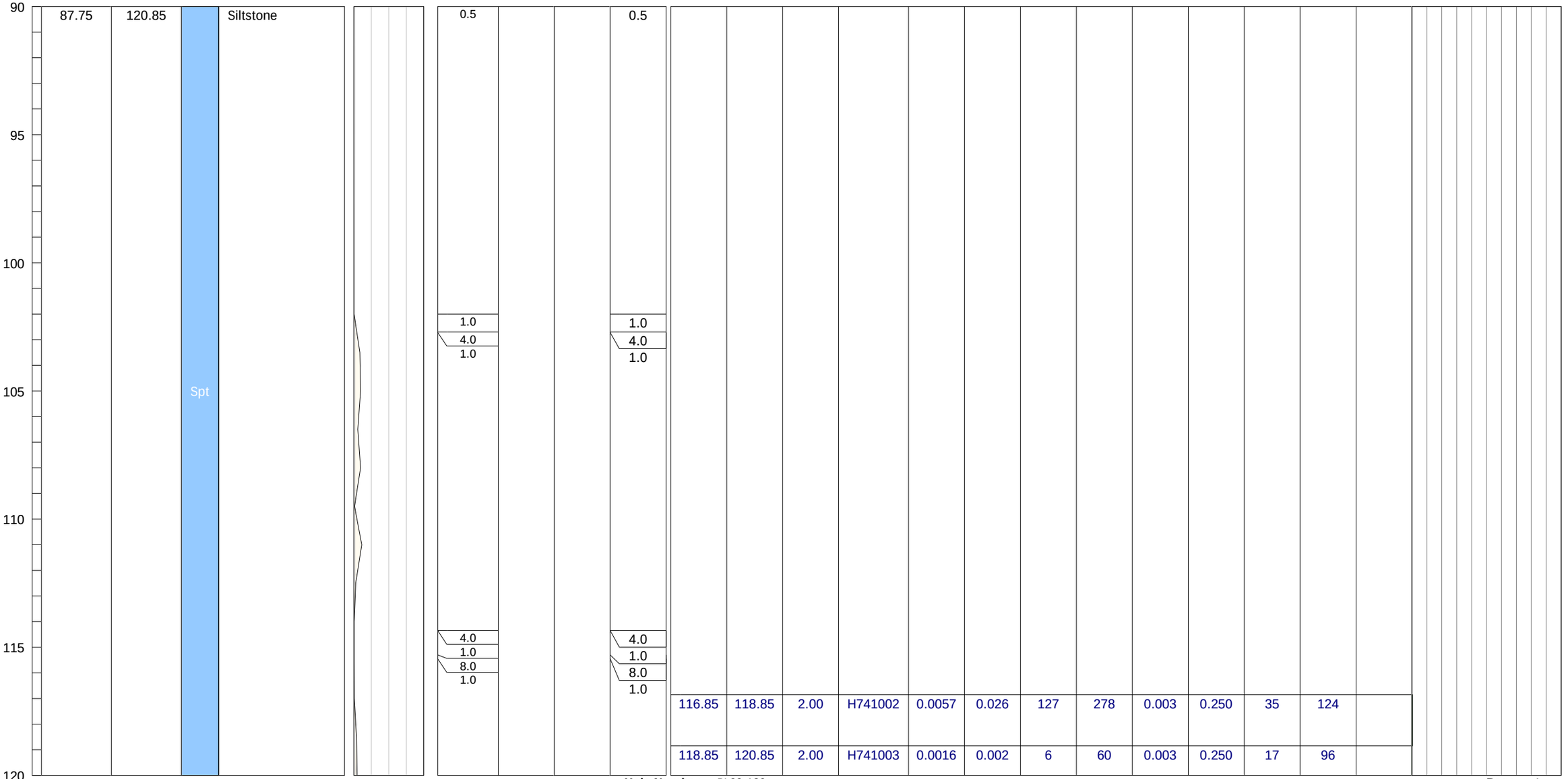
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
87.75	120.85	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
116.85	118.85	2.00	H741002	0.0057	0.026	127	278	0.003	0.250	35	124	
118.85	120.85	2.00	H741003	0.0016	0.002	6	60	0.003	0.250	17	96	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

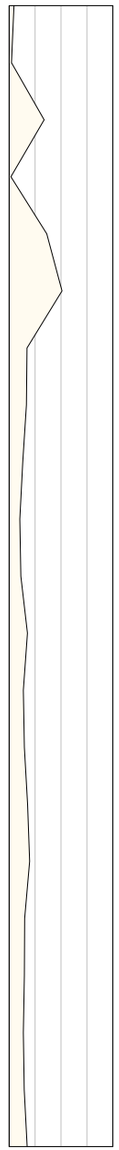
Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology

From m	To m	Code	Rock description
87.75	120.85	Spt	Siltstone
120.85	122.00	Fgd	Granodiorite
122.00	122.50	Hr	Hybrid Classic Red
122.50	124.50	Hr	Hybrid Classic Red
124.50	125.55	Hg	Hybrid Grey
125.55	237.65	Mgm	Gabbro - Melanocratic

Magsus



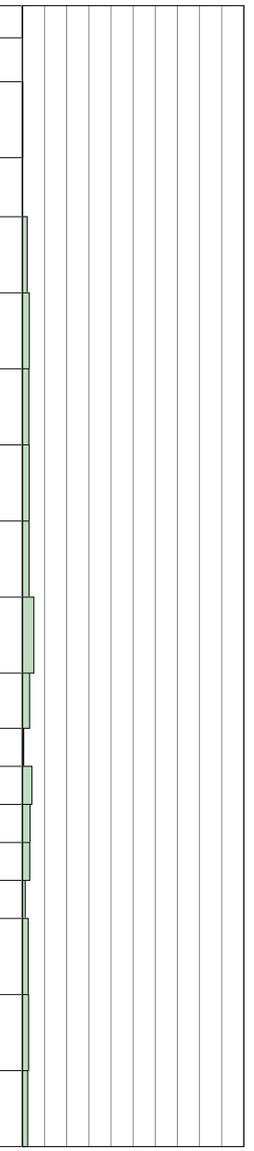
Sulphide

From m	To m	Sulphide %	Cpy %	Po %	Py %
87.75	120.85	1.0			1.0
120.85	122.00	0.5			0.5
122.00	122.50	0.1			0.1
122.50	124.50	0.1			0.1
124.50	125.55	0.6	0.5		0.1
		0.1			0.1
		2.0			2.0
125.55	237.65	1.0	0.1	0.9	0.1
		1.0	0.5	0.5	
		1.1	0.5	0.5	
		0.3	0.1	0.1	0.1
		0.7	0.5	0.1	0.1
		1.1	0.5	0.5	0.1
		0.3	0.1	0.1	0.1
		1.5	0.9	0.5	0.1
		0.3	0.1	0.1	0.1
		5.2	0.1	5.0	0.1
		0.3	0.1	0.1	0.1
		0.7	0.5	0.1	0.1
		0.6	0.1		0.5

Assay Data

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
118.85	120.85	2.00	H741003	0.0016	0.002	6	60	0.003	0.250	17	96	
120.85	122.00	1.15	H741004	0.0008	0.001	11	16	0.002	0.250	3	19	
122.00	124.00	2.00	H741005	0.0090	0.008	5	31	0.002	0.250	18	46	
124.00	125.55	1.55	H741006	0.0071	0.005	342	51	0.003	0.250	22	80	
125.55	127.55	2.00	H741007	0.1020	0.110	408	735	0.010	0.250	102	981	
127.55	129.55	2.00	H741008	0.1550	0.155	441	852	0.011	0.250	111	1410	
129.55	131.55	2.00	H741009	0.1460	0.145	542	1000	0.012	0.250	123	1420	
131.55	133.55	2.00	H741011	0.1440	0.158	462	1040	0.011	0.500	112	1520	
133.55	135.55	2.00	H741012	0.1430	0.154	350	1000	0.011	0.250	124	1780	
135.55	137.55	2.00	H741013	0.2470	0.269	738	1170	0.019	0.500	129	2070	
137.55	139.00	1.45	H741014	0.1550	0.172	577	1180	0.014	0.250	129	2130	
139.00	140.00	1.00	H741015	0.0338	0.024	116	969	0.003	0.250	125	2440	
140.00	141.00	1.00	H741016	0.2290	0.204	604	1220	0.014	0.250	129	2380	
141.00	142.00	1.00	H741017	0.1790	0.165	546	1200	0.013	0.250	132	2390	
142.00	143.00	1.00	H741018	0.1720	0.156	322	1120	0.012	0.250	129	2320	
143.00	144.00	1.00	H741019	0.0625	0.062	156	1070	0.005	0.250	128	2330	
144.00	146.00	2.00	H741021	0.1300	0.127	320	1120	0.010	0.250	130	2370	
146.00	148.00	2.00	H741022	0.1400	0.135	291	1200	0.011	0.250	135	2540	
148.00	150.00	2.00	H741023	0.1190	0.119	220	1200	0.009	0.250	139	2500	

Pt + Pd (ppm)



Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
125.55	237.65	Mgm	Gabbro - Melanocratic

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6	0.1		0.5
1.6	0.1	1.0	0.5
0.6	0.1	1.0	0.5
1.6	0.1		0.5
0.6	0.1		0.5
1.1	0.1	0.5	0.5
0.6	0.1		0.5
1.1	0.1	0.5	0.5
0.6	0.1		0.5
0.2		0.1	0.1
1.0		0.5	0.5
0.6		0.5	0.1
1.1		1.0	0.1
0.6		0.5	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H741024	0.1900	0.191	372	1220	0.014	0.250	137	2760	
152.00	154.00	2.00	H741025	0.1850	0.186	462	1340	0.015	0.250	139	2910	
154.00	156.00	2.00	H741026	0.1910	0.172	394	1320	0.013	0.250	141	2920	
156.00	157.00	1.00	H741027	0.1580	0.150	332	1240	0.012	0.250	135	2840	
157.00	159.00	2.00	H741028	0.1330	0.130	297	1230	0.011	0.250	138	2750	
159.00	161.00	2.00	H741029	0.0587	0.056	142	1180	0.005	0.250	136	2830	
161.00	162.00	1.00	H741031	0.0770	0.074	166	1160	0.013	0.250	134	2880	
162.00	163.00	1.00	H741032	0.1290	0.127	253	1230	0.011	0.250	139	2990	
163.00	164.00	1.00	H741033	0.1420	0.148	268	1240	0.012	0.250	139	2820	
164.00	166.00	2.00	H741034	0.0933	0.092	213	1220	0.010	0.250	139	2810	
166.00	168.00	2.00	H741035	0.0796	0.080	197	1220	0.008	0.250	138	2870	
168.00	170.00	2.00	H741036	0.1110	0.111	235	1290	0.009	0.250	141	3020	
170.00	172.00	2.00	H741037	0.1290	0.127	273	1290	0.011	0.250	138	2990	
172.00	174.00	2.00	H741038	0.1260	0.122	218	1280	0.010	0.250	135	2950	
174.00	176.00	2.00	H741039	0.1580	0.155	272	1310	0.011	0.250	139	3020	
176.00	178.00	2.00	H741041	0.2420	0.239	432	1400	0.016	0.250	139	3060	
178.00	180.00	2.00	H741042	0.1390	0.136	230	1340	0.011	0.250	135	3140	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
125.55	237.65	Mgm	Gabbro - Melanocratic

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H741043	0.1650	0.157	273	1330	0.011	0.250	133	3290	
182.00	184.00	2.00	H741044	0.2130	0.208	448	1510	0.015	0.250	136	3850	
184.00	186.00	2.00	H741045	0.1660	0.132	296	1430	0.010	0.250	135	3600	
186.00	188.00	2.00	H741046	0.1250	0.105	241	1340	0.008	0.250	136	3410	
188.00	190.00	2.00	H741047	0.1470	0.127	263	1320	0.009	0.250	137	3170	
190.00	192.00	2.00	H741048	0.2360	0.198	362	1290	0.013	0.250	137	2890	
192.00	194.00	2.00	H741049	0.1410	0.130	231	1220	0.009	0.250	133	2810	
194.00	196.00	2.00	H741051	0.1770	0.154	317	1310	0.012	0.250	137	2940	
196.00	198.00	2.00	H741052	0.0960	0.083	186	1230	0.007	0.250	133	2830	
198.00	200.00	2.00	H741053	0.1690	0.143	327	1270	0.011	0.250	130	2730	
200.00	202.00	2.00	H741054	0.1560	0.132	272	1160	0.009	0.250	131	2570	
202.00	204.00	2.00	H741055	0.1320	0.119	239	1200	0.008	0.250	134	2670	
204.00	207.00	3.00	H741056	0.1040	0.097	234	1180	0.008	0.250	128	2500	
207.00	208.50	1.50	H741057	0.0942	0.080	204	1220	0.006	0.250	133	2780	
208.50	210.00	1.50	H741058	0.1470	0.133	341	1250	0.011	0.250	132	2710	

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
125.55	237.65	Mgm	Gabbro - Melanocratic
237.65	250.30	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.2			0.2
0.7			0.7
0.2			0.2
0.1			0.1
0.2		0.1	0.1
2.1		2.0	0.1
3.1		3.0	0.1
2.1		2.0	0.1
2.5		2.0	0.5
1.5		1.0	0.5
0.6		0.5	0.1
0.7	0.1	0.5	0.1
6.1	1.0	5.0	0.1
0.5			0.5
2.0			2.0
3.5	0.5		3.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H741059	0.1440	0.129	301	1300	0.010	0.250	130	2990	
212.00	214.00	2.00	H741061	0.2010	0.173	388	1320	0.018	0.250	128	2920	
214.00	216.00	2.00	H741062	0.1270	0.112	298	1250	0.009	0.250	125	2950	
216.00	218.00	2.00	H741063	0.1960	0.173	415	1330	0.012	0.250	128	3020	
218.00	220.00	2.00	H741064	0.1070	0.090	260	1240	0.007	0.250	123	3100	
220.00	222.00	2.00	H741065	0.2070	0.177	400	1300	0.013	0.250	123	3130	
222.00	224.00	2.00	H741066	0.1620	0.131	317	1250	0.010	0.250	122	3050	
224.00	225.00	1.00	H741067	0.3420	0.296	655	1330	0.021	0.250	120	2970	
225.00	226.00	1.00	H741068	0.2700	0.228	490	1200	0.015	0.250	112	2860	
226.00	227.00	1.00	H741069	0.4720	0.407	779	1410	0.028	0.250	120	3150	
227.00	228.00	1.00	H741071	0.2840	0.241	554	1100	0.023	0.250	102	2390	
228.00	230.00	2.00	H741072	0.3190	0.271	625	1190	0.023	0.250	111	2620	
230.00	232.00	2.00	H741073	0.2070	0.180	456	1130	0.016	0.250	114	2620	
232.00	234.00	2.00	H741074	0.1090	0.090	290	959	0.009	0.250	104	2270	
234.00	235.00	1.00	H741075	0.1790	0.157	403	836	0.015	0.250	90	1850	
235.00	236.00	1.00	H741076	0.5960	0.522	1240	1170	0.036	0.250	107	1910	
236.00	237.65	1.65	H741077	0.2810	0.250	673	981	0.022	0.250	100	1890	
237.65	240.00	2.35	H741078	0.0239	0.018	55	90	0.004	0.250	21	112	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
237.65	250.30	Spt	Siltstone
250.30	250.75	Fgd	Granodiorite
250.75	268.70	Spt	Siltstone
268.70	270.95	Fgd	Granodiorite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	243.00	3.00	H741079	0.0022	0.002	32	61	0.003	0.250	19	110	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-126

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/07/2009
End Date: 04/07/2009

Magma Metals (Canada) Ltd.

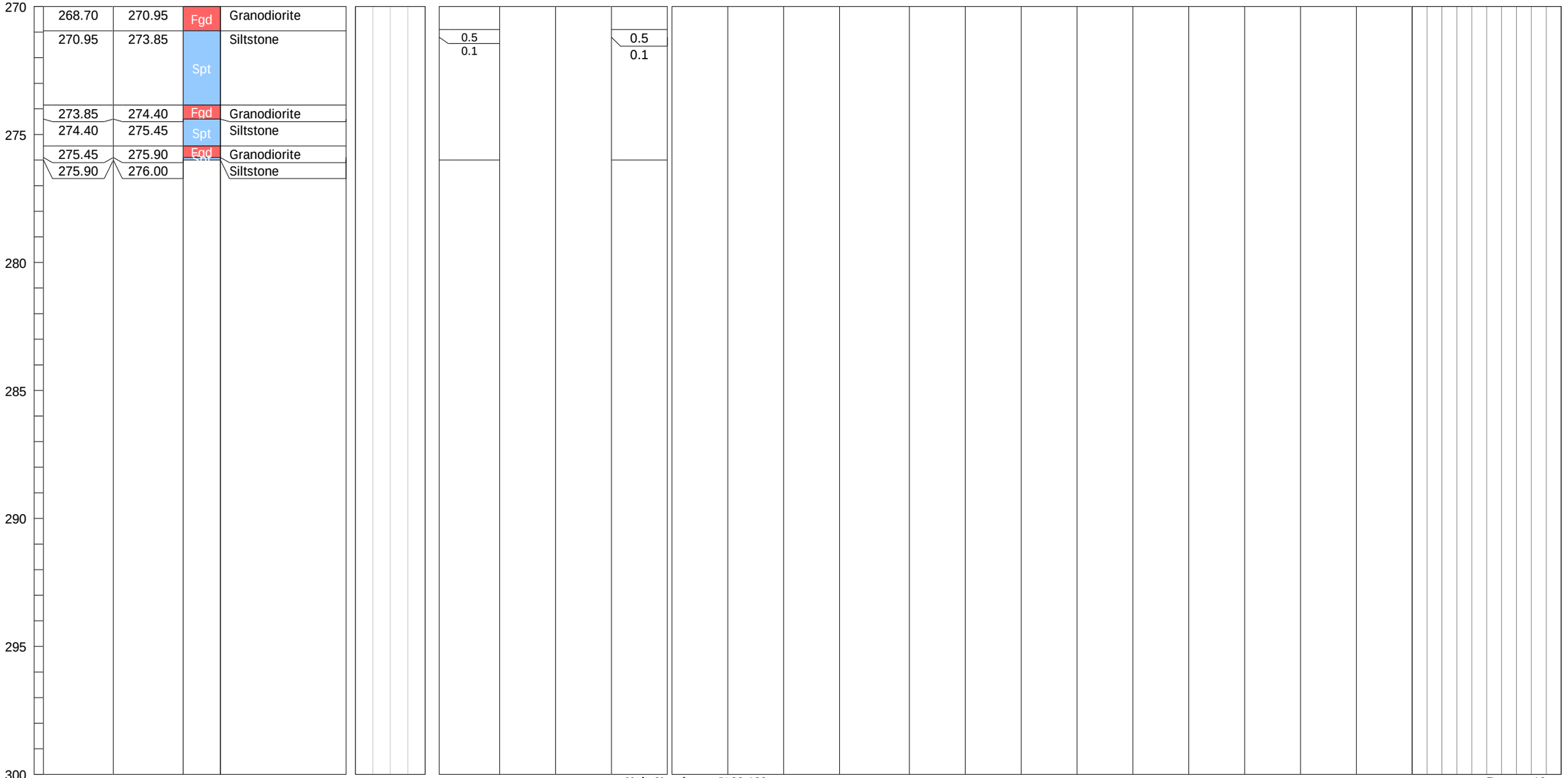
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.84
Easting: 358301.16
Elevation: 473.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 276.00

Lithology From m	To m	Code	Rock description
268.70	270.95	Fgd	Granodiorite
270.95	273.85	Spt	Siltstone
273.85	274.40	Fgd	Granodiorite
274.40	275.45	Spt	Siltstone
275.45	275.90	Fgd	Granodiorite
275.90	276.00	Spt	Siltstone



From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-127

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/07/2009
End Date: 07/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.45
Easting: 358301.19
Elevation: 473.83

Azimuth: 184.9°
Dip: -75.28°
Final Depth: 306.00

Lithology From m	To m	Code	Rock description
0.00	5.00	Ovg	Overburden - Glacial
5.00	5.25	Ovg	Overburden - Glacial
5.25	5.50	Ovg	Overburden - Glacial
5.50	5.60	Ovg	Overburden - Glacial
5.60	7.00	Fgd	Granodiorite
7.00	7.30	Spt	Siltstone
7.30	11.40	Ovg	Overburden - Glacial
11.40	12.65	Fgd	Granodiorite
12.65	26.40	Spt	Siltstone
26.40	28.55	Fgd	Granodiorite
28.55	65.60	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1			0.1
10.1			10.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-127

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/07/2009
End Date: 07/07/2009

Magma Metals (Canada) Ltd.

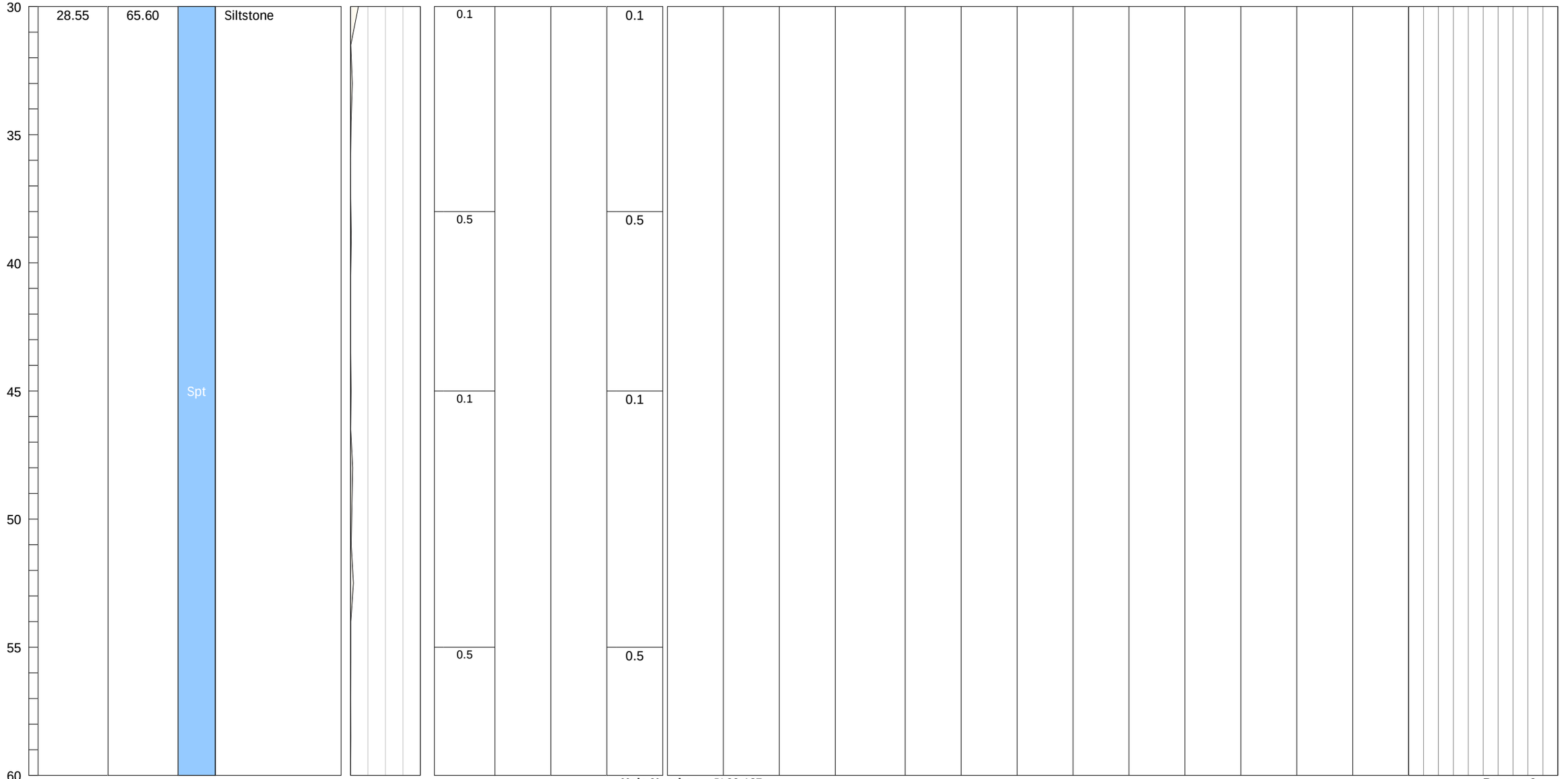
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.45
Easting: 358301.19
Elevation: 473.83

Azimuth: 184.9°
Dip: -75.28°
Final Depth: 306.00

Lithology From m	To m	Code	Rock description
28.55	65.60	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-127

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 05/07/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.45
Easting: 358301.19
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Azimuth: 184.9°
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Lithology From m	To m	Code	Rock description
28.55	65.60	Spt	Siltstone
65.60	66.20	Fgd	Granodiorite
66.20	73.50	Spt	Siltstone
73.50	75.15	Fgd	Granodiorite
75.15	88.70	Spt	Siltstone
88.70	90.30	Fgd	Granodiorite

Magsus 0 100 200

Sulphide % 0.5 1.0 0.5 0.1

Cpy % | Po % | Py % 0.5 1.0 0.5 0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-127

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 05/07/2009
End Date: 07/07/2009

Magma Metals (Canada) Ltd.

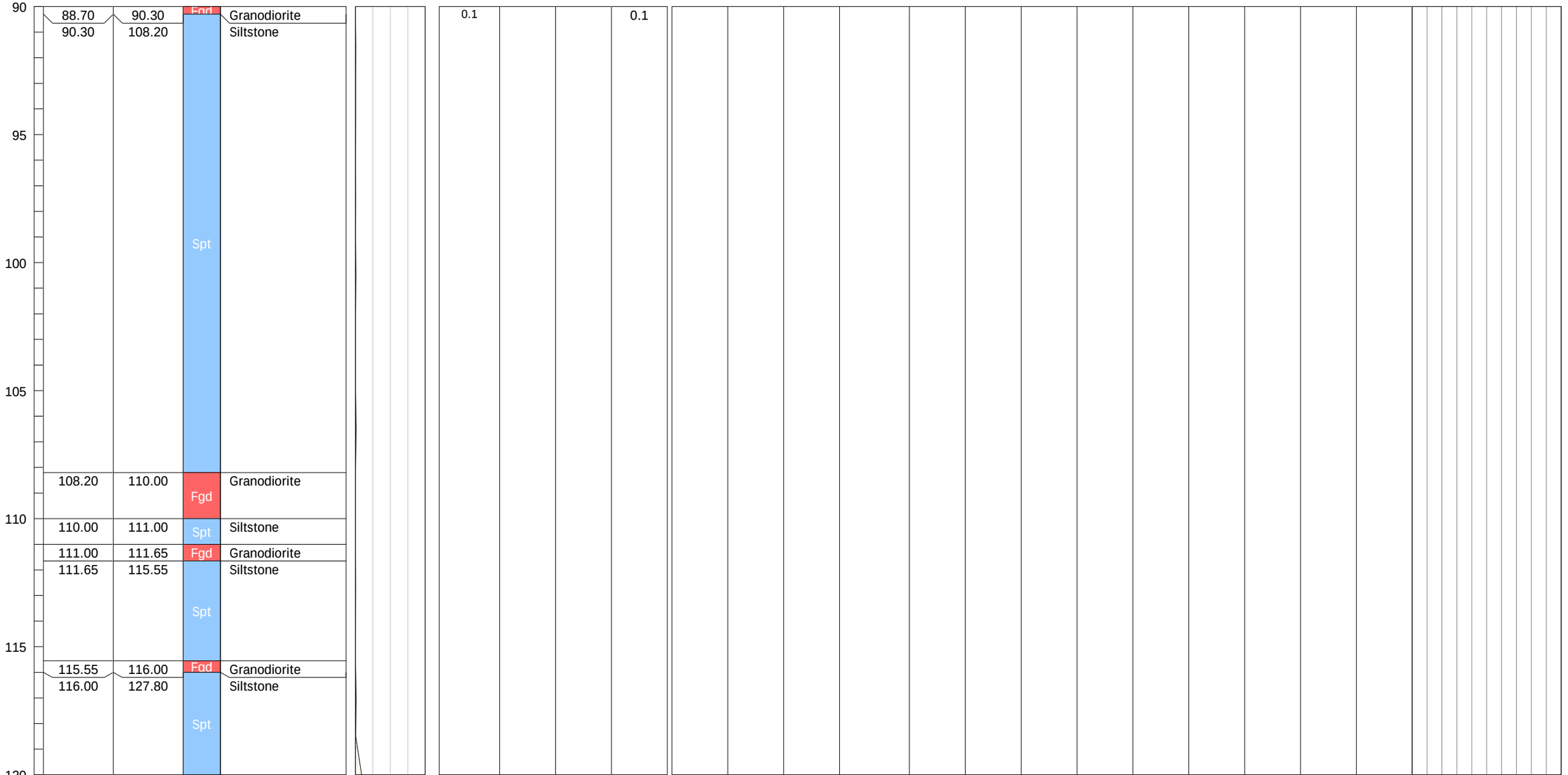
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.45
Easting: 358301.19
Elevation: 473.83

Azimuth: 184.9°
Dip: -75.28°
Final Depth: 306.00

Lithology From m	To m	Code	Rock description
88.70	90.30	Fgd	Granodiorite
90.30	108.20	Spt	Siltstone
108.20	110.00	Fgd	Granodiorite
110.00	111.00	Spt	Siltstone
111.00	111.65	Fgd	Granodiorite
111.65	115.55	Spt	Siltstone
115.55	116.00	Fgd	Granodiorite
116.00	127.80	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-127

Project: TBN
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Northing: 5402384.45
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From m	To m	Code	Rock description
116.00	127.80	Spt	Siltstone
127.80	128.75	Hr	Hybrid Classic Red
128.75	132.80	Hr	Hybrid Classic Red
132.80	255.10	Mgm	Gabbro - Melanocratic

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
123.80	125.80	2.00	H741080	0.0024	0.003	2	92	0.002	0.250	22	125	
125.80	127.80	2.00	H741081	0.0035	0.003	2	93	0.002	0.250	21	115	
127.80	128.80	1.00	H741082	0.0345	0.032	48	111	0.004	0.250	26	173	
128.80	130.80	2.00	H741083	0.0061	0.004	2	31	0.002	0.250	22	73	
130.80	132.80	2.00	H741084	0.0007	0.001	89	17	0.001	0.250	26	33	
132.80	134.80	2.00	H741085	0.0702	0.068	208	702	0.007	0.250	100	926	
134.80	136.80	2.00	H741086	0.0530	0.052	260	894	0.005	0.250	117	1020	
136.80	138.80	2.00	H741087	0.0413	0.040	164	879	0.004	0.250	113	1410	
138.80	140.80	2.00	H741088	0.0615	0.067	238	979	0.014	0.250	119	1680	
140.80	142.80	2.00	H741089	0.0352	0.027	152	927	0.003	0.250	121	1880	
142.80	144.80	2.00	H741091	0.1440	0.138	445	1110	0.010	0.250	125	1730	
144.80	146.80	2.00	H741092	0.0641	0.062	246	1075	0.005	0.500	128	2110	
146.80	148.80	2.00	H741093	0.0997	0.095	271	1180	0.008	0.250	131	2330	
148.80	150.80	2.00	H741094	0.0770	0.072	216	1075	0.006	0.250	125	2280	

Hole Number: BL09-127

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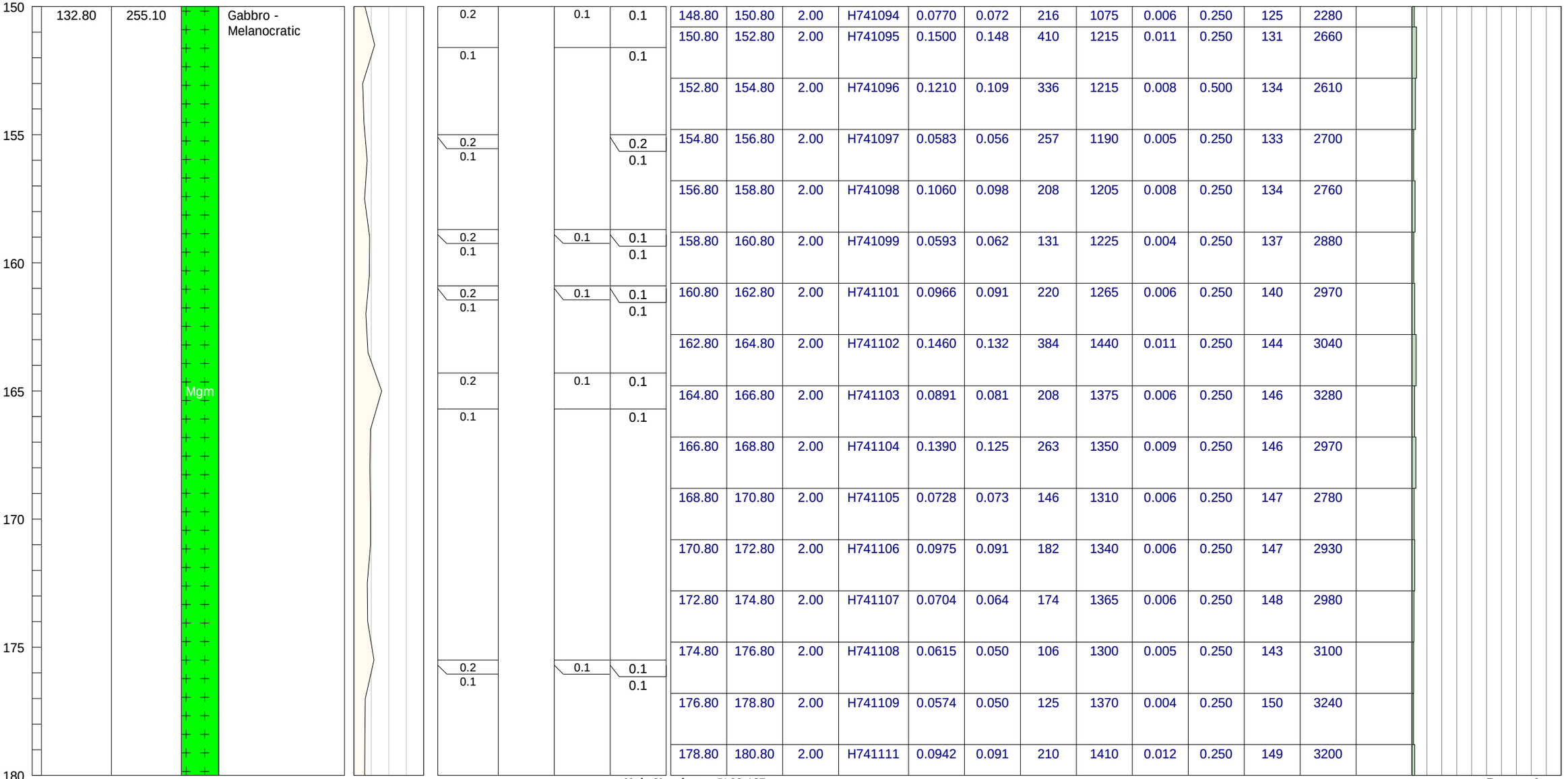
Lithology From m	To m	Code	Rock description
132.80	255.10	Mgm	Gabbro - Melanocratic



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
148.80	150.80	2.00	H741094	0.0770	0.072	216	1075	0.006	0.250	125	2280		
150.80	152.80	2.00	H741095	0.1500	0.148	410	1215	0.011	0.250	131	2660		
152.80	154.80	2.00	H741096	0.1210	0.109	336	1215	0.008	0.500	134	2610		
154.80	156.80	2.00	H741097	0.0583	0.056	257	1190	0.005	0.250	133	2700		
156.80	158.80	2.00	H741098	0.1060	0.098	208	1205	0.008	0.250	134	2760		
158.80	160.80	2.00	H741099	0.0593	0.062	131	1225	0.004	0.250	137	2880		
160.80	162.80	2.00	H741101	0.0966	0.091	220	1265	0.006	0.250	140	2970		
162.80	164.80	2.00	H741102	0.1460	0.132	384	1440	0.011	0.250	144	3040		
164.80	166.80	2.00	H741103	0.0891	0.081	208	1375	0.006	0.250	146	3280		
166.80	168.80	2.00	H741104	0.1390	0.125	263	1350	0.009	0.250	146	2970		
168.80	170.80	2.00	H741105	0.0728	0.073	146	1310	0.006	0.250	147	2780		
170.80	172.80	2.00	H741106	0.0975	0.091	182	1340	0.006	0.250	147	2930		
172.80	174.80	2.00	H741107	0.0704	0.064	174	1365	0.006	0.250	148	2980		
174.80	176.80	2.00	H741108	0.0615	0.050	106	1300	0.005	0.250	143	3100		
176.80	178.80	2.00	H741109	0.0574	0.050	125	1370	0.004	0.250	150	3240		
178.80	180.80	2.00	H741111	0.0942	0.091	210	1410	0.012	0.250	149	3200		

Hole Number: BL09-127

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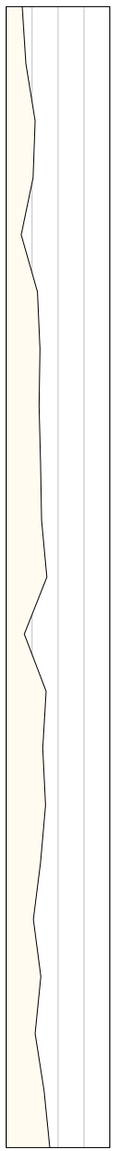
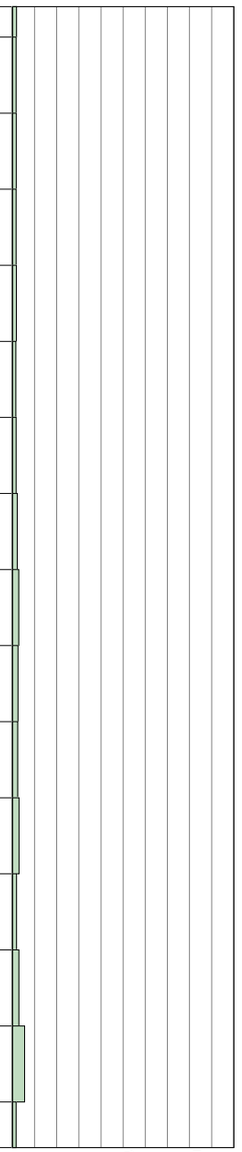
Lithology From m	To m	Code	Rock description
132.80	255.10	Mgm	Gabbro - Melanocratic



Sulphide %	Cpy %	Po %	Py %
0.1			0.1
5.1		5.0	0.1
5.2		5.1	0.1
5.1		5.0	0.1
0.1			0.1
0.2			0.2
0.1			0.1
3.1		3.0	0.1
0.1			0.1
0.2			0.2
0.1		0.1	0.1
0.2		0.1	0.1
0.6			0.5
2.5		2.0	0.5
0.6		0.1	0.5
0.2		0.1	0.1
0.1		1.0	0.1
1.1			0.1
0.1			0.1
1.1		1.0	0.1
0.1			0.1
0.5		0.1	0.5
0.6			0.5
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
178.80	180.80	2.00	H741111	0.0942	0.091	210	1410	0.012	0.250	149	3200	
180.80	182.80	2.00	H741112	0.0863	0.079	191	1325	0.007	0.250	139	2820	
182.80	184.80	2.00	H741113	0.0887	0.081	195	1365	0.006	0.250	140	2920	
184.80	186.80	2.00	H741114	0.0878	0.076	159	1360	0.007	0.250	140	2990	
186.80	188.80	2.00	H741115	0.0950	0.083	140	1370	0.007	0.250	140	3070	
188.80	190.80	2.00	H741116	0.0812	0.068	116	1335	0.005	0.250	136	3060	
190.80	192.80	2.00	H741117	0.0893	0.074	178	1380	0.006	0.250	138	3080	
192.80	194.80	2.00	H741118	0.1180	0.101	208	1385	0.007	0.250	137	3210	
194.80	196.80	2.00	H741119	0.1510	0.134	357	1460	0.010	0.250	136	3580	
196.80	198.80	2.00	H741121	0.1400	0.113	252	1490	0.009	0.250	134	4140	
198.80	200.80	2.00	H741122	0.1350	0.104	230	1505	0.009	0.250	139	4180	
200.80	202.80	2.00	H741123	0.1610	0.136	255	1485	0.010	0.250	140	3620	
202.80	204.80	2.00	H741124	0.0986	0.084	140	1340	0.007	0.250	136	3110	
204.80	206.80	2.00	H741125	0.1570	0.133	244	1310	0.009	0.250	135	3070	
206.80	208.80	2.00	H741126	0.2890	0.258	449	1375	0.017	0.250	139	2840	
208.80	210.80	2.00	H741127	0.0864	0.078	165	1205	0.006	0.250	130	2580	



Hole Number: BL09-127

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/07/2009
End Date: 07/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

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Dip: -75.28°
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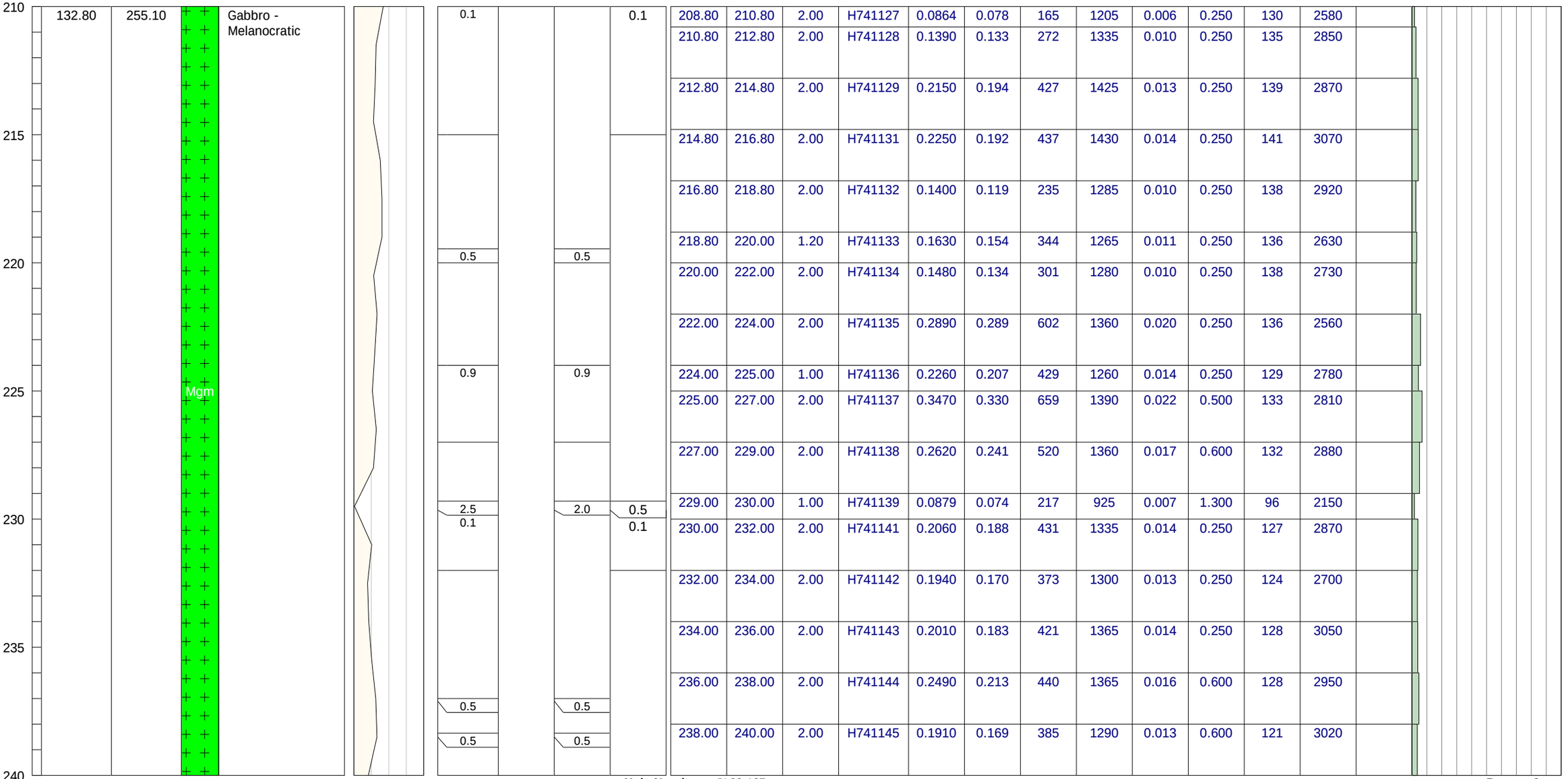
Lithology From m	To m	Code	Rock description
132.80	255.10	Mgm	Gabbro - Melanocratic



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
208.80	210.80	2.00	H741127	0.0864	0.078	165	1205	0.006	0.250	130	2580	
210.80	212.80	2.00	H741128	0.1390	0.133	272	1335	0.010	0.250	135	2850	
212.80	214.80	2.00	H741129	0.2150	0.194	427	1425	0.013	0.250	139	2870	
214.80	216.80	2.00	H741131	0.2250	0.192	437	1430	0.014	0.250	141	3070	
216.80	218.80	2.00	H741132	0.1400	0.119	235	1285	0.010	0.250	138	2920	
218.80	220.00	1.20	H741133	0.1630	0.154	344	1265	0.011	0.250	136	2630	
220.00	222.00	2.00	H741134	0.1480	0.134	301	1280	0.010	0.250	138	2730	
222.00	224.00	2.00	H741135	0.2890	0.289	602	1360	0.020	0.250	136	2560	
224.00	225.00	1.00	H741136	0.2260	0.207	429	1260	0.014	0.250	129	2780	
225.00	227.00	2.00	H741137	0.3470	0.330	659	1390	0.022	0.500	133	2810	
227.00	229.00	2.00	H741138	0.2620	0.241	520	1360	0.017	0.600	132	2880	
229.00	230.00	1.00	H741139	0.0879	0.074	217	925	0.007	1.300	96	2150	
230.00	232.00	2.00	H741141	0.2060	0.188	431	1335	0.014	0.250	127	2870	
232.00	234.00	2.00	H741142	0.1940	0.170	373	1300	0.013	0.250	124	2700	
234.00	236.00	2.00	H741143	0.2010	0.183	421	1365	0.014	0.250	128	3050	
236.00	238.00	2.00	H741144	0.2490	0.213	440	1365	0.016	0.600	128	2950	
238.00	240.00	2.00	H741145	0.1910	0.169	385	1290	0.013	0.600	121	3020	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-127

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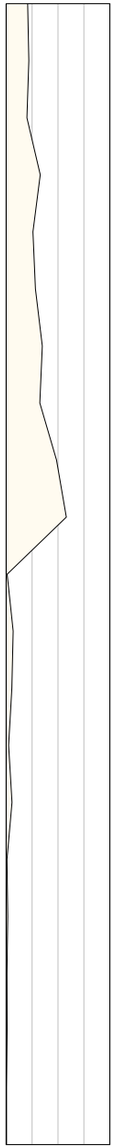
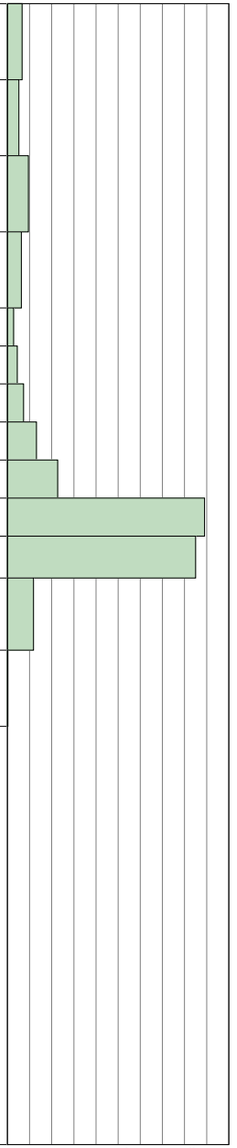
Lithology From m	To m	Code	Rock description
132.80	255.10	Mgm	Gabbro - Melanocratic
255.10	306.00	Spt	Siltstone



Sulphide %	Cpy %	Po %	Py %
1.0		0.5	0.5
0.6		0.1	0.5
1.6	0.1	1.0	0.5
7.0	1.0	5.0	1.0
22.5	7.0	0.5	15.0
1.5	0.5		1.0
3.0	1.0		2.0
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H741146	0.3510	0.312	554	1390	0.021	0.600	124	3030	
242.00	244.00	2.00	H741147	0.2840	0.230	501	1365	0.018	0.600	122	3190	
244.00	246.00	2.00	H741148	0.5020	0.446	854	1465	0.030	0.800	126	2760	
246.00	248.00	2.00	H741149	0.3400	0.290	649	1310	0.023	0.700	119	2710	
248.00	249.00	1.00	H741151	0.1450	0.130	321	1025	0.015	0.800	104	2420	
249.00	250.00	1.00	H741152	0.2370	0.204	459	1045	0.015	0.800	104	2140	
250.00	251.00	1.00	H741153	0.3800	0.347	781	1145	0.024	0.900	107	2140	
251.00	252.00	1.00	H741154	0.6890	0.619	1275	1345	0.037	1.100	111	1980	
252.00	253.00	1.00	H741155	1.1900	1.080	2440	1725	0.080	1.900	125	1940	
253.00	254.00	1.00	H741156	4.5700	4.330	9420	5580	0.220	5.800	274	1430	
254.00	255.10	1.10	H741157	4.5600	3.940	8420	3620	0.290	5.900	204	1170	
255.10	257.00	1.90	H741158	0.6020	0.573	1185	717	0.042	0.800	47	245	
257.00	259.00	2.00	H741159	0.0121	0.010	46	64	0.003	0.250	17	91	



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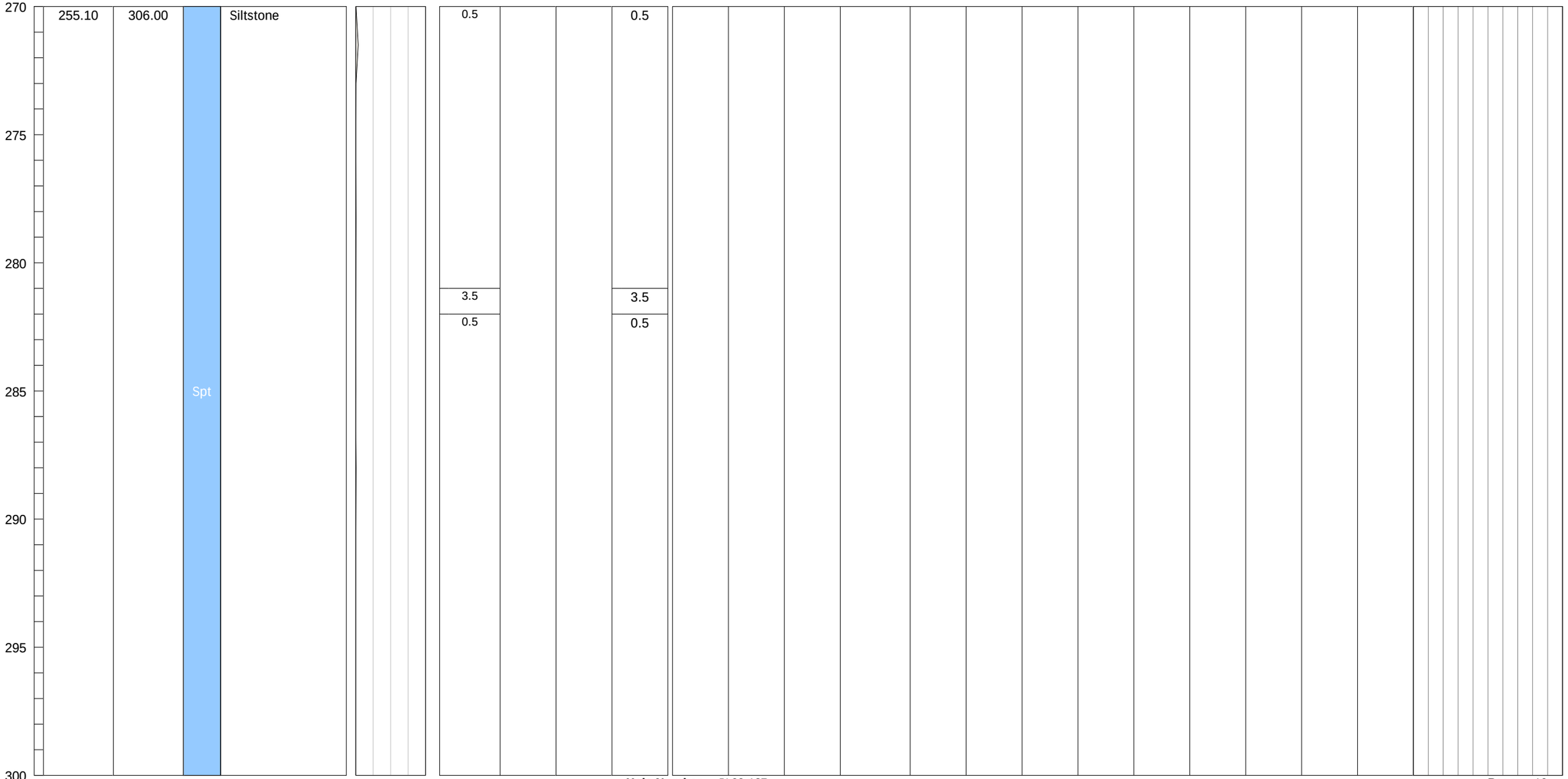
Lithology From m	To m	Code	Rock description
255.10	306.00	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

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Dip: -75.28°
Final Depth: 306.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
255.10	306.00	Spt	Siltstone		0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

300
305
310
315
320
325
330

Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
End Date: 11/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
0.00	6.00	Ovg	Overburden - Glacial
6.00	24.90	Spt	Siltstone
24.90	26.70	Fgd	Granodiorite
26.70	37.30	Spt	Siltstone

From m	To m	Sulphide %	Cpy %	Po %	Py %
6.00	24.90	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-128

Project: TBN
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Magma Metals (Canada) Ltd.

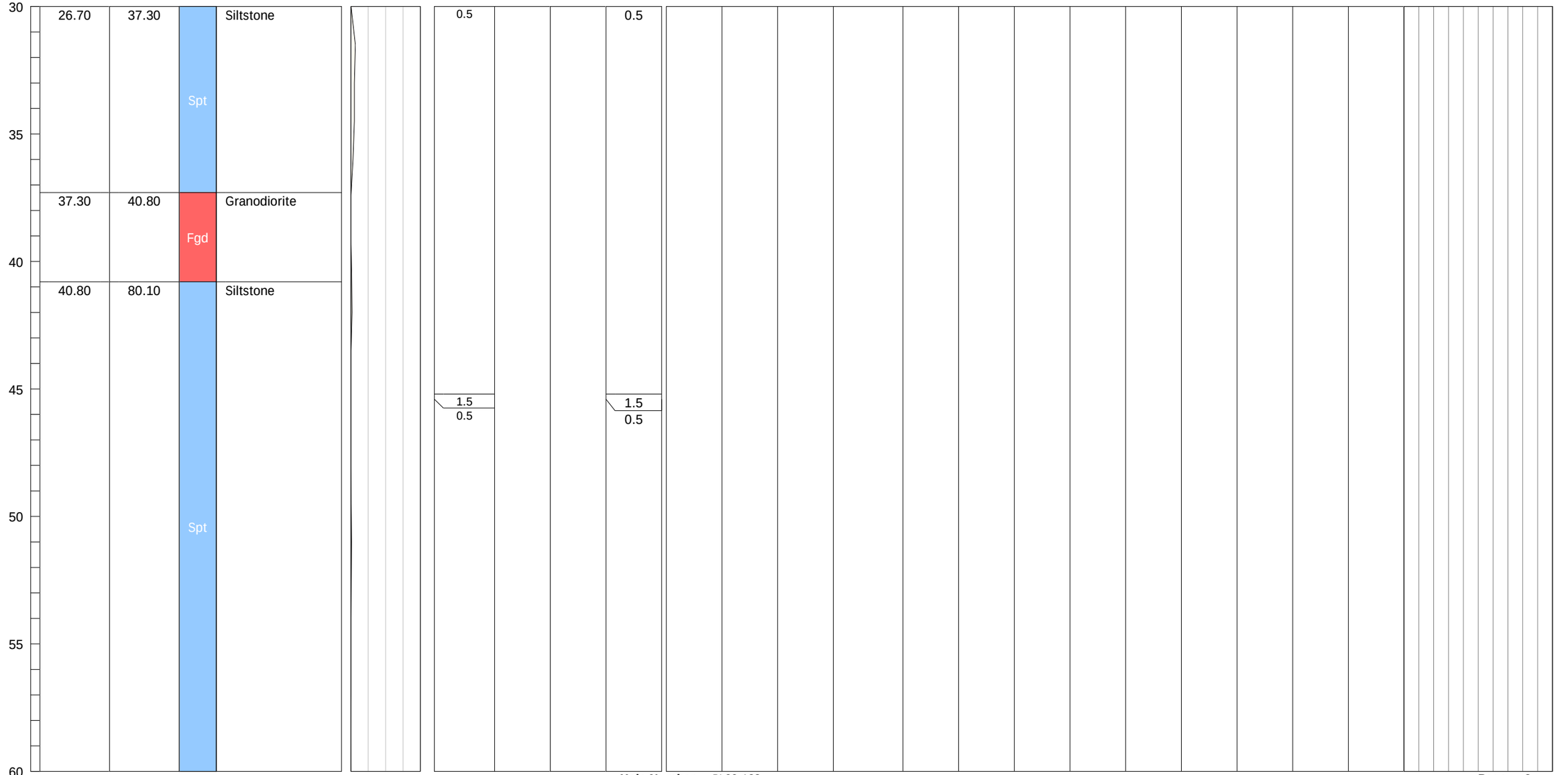
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

From m	To m	Code	Rock description
26.70	37.30	Spt	Siltstone
37.30	40.80	Fgd	Granodiorite
40.80	80.10	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm)
0 2 4 6 8 10

Hole Number: BL09-128

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Claim #: 4210157
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Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
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Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
40.80	80.10	Spt	Siltstone
80.10	80.70	Fgd	Granodiorite
80.70	82.25	Spt	Siltstone
82.25	85.00	Hg	Hybrid Grey
85.00	94.00	Hr	Hybrid Classic Red

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
1.5			1.5
0.5			0.5
5.5			5.5
20.5			20.5
5.5			5.5
1.5			1.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
78.00	80.00	2.00	H741161	0.0029	0.002	37	89	0.002	0.250	23	144	
80.00	82.50	2.50	H741162	0.0029	0.003	47	75	0.004	0.250	21	186	
82.50	84.00	1.50	H741163	0.0305	0.029	41	110	0.009	0.250	40	141	
84.00	87.00	3.00	H741164	0.0484	0.037	83	99	0.004	0.250	37	158	
87.00	90.00	3.00	H741165	0.0509	0.043	26	99	0.004	0.250	31	164	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-128

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
End Date: 11/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
85.00	94.00	Hr	Hybrid Classic Red
94.00	94.90	Hg	Hybrid Grey
94.90	107.00	Spt	Siltstone
107.00	109.10	Fgd	Granodiorite
109.10	116.85	Spt	Siltstone
116.85	118.40	Fgd	Granodiorite
118.40	145.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.5			1.5
5.5			5.5
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
90.00	93.00	3.00	H741166	0.0597	0.051	87	108	0.003	0.250	33	181	
93.00	94.90	1.90	H741167	0.0369	0.030	125	87	0.003	0.250	30	152	
94.90	97.00	2.10	H741168	0.0033	0.003	9	63	0.003	0.250	19	120	
97.00	99.00	2.00	H741169	0.0019	0.002	19	73	0.002	0.250	23	119	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
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Magma Metals (Canada) Ltd.

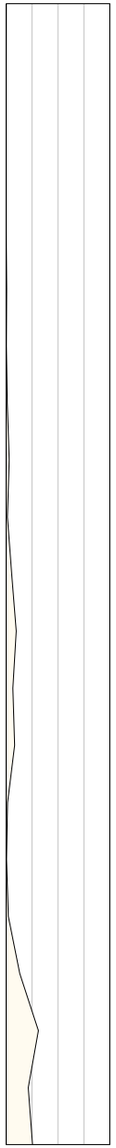
Drill Hole Logs

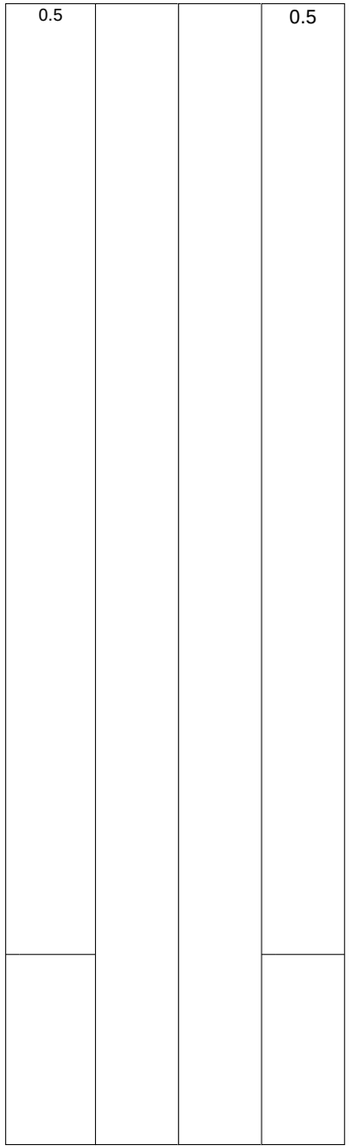
Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

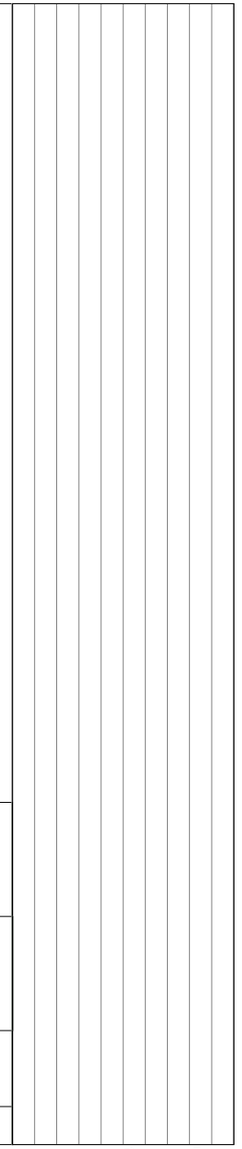
Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
118.40	145.00	Spt	Siltstone
145.00	151.85	Hr	Hybrid Classic Red





From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
141.00	144.00	3.00	H741171	0.0018	0.002	36	76	0.002	0.250	16	150	
144.00	147.00	3.00	H741172	0.0121	0.011	9	74	0.002	0.250	22	127	
147.00	149.00	2.00	H741173	0.0031	0.003	6	22	0.001	0.250	23	59	
149.00	151.00	2.00	H741174	0.0031	0.002	51	21	0.001	0.250	23	69	



Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
End Date: 11/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
145.00	151.85	Hr	Hybrid Classic Red
151.85	166.30	Mgm	Gabbro - Melanocratic
166.30	166.80	Mgvt	Gabbro - VariTextured
166.80	177.00	Mgm	Gabbro - Melanocratic
177.00	227.00	Upd	Peridotite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Magsus	Sulphide %	Cpy %	Po %	Py %
149.00	151.00	2.00	H741174	0.0031	0.002	51	21	0.001	0.250	23	69						
151.00	152.00	1.00	H741175	0.0130	0.011	307	89	0.003	0.250	38	183						
152.00	154.00	2.00	H741176	0.0663	0.066	184	688	0.007	0.250	98	806						
154.00	156.00	2.00	H741177	0.0476	0.053	153	777	0.005	0.250	101	786						
156.00	158.00	2.00	H741178	0.0546	0.060	114	903	0.004	0.250	116	878						
158.00	160.00	2.00	H741179	0.0496	0.053	160	880	0.004	0.250	114	1165			0.2		0.1	0.1
160.00	162.00	2.00	H741181	0.1570	0.152	459	1040	0.012	0.250	128	1450						
162.00	164.00	2.00	H741182	0.2730	0.283	728	1150	0.019	0.700	123	1845			0.6		0.1	0.5
164.00	166.00	2.00	H741183	0.1240	0.125	386	1090	0.011	0.250	124	2350			0.6		0.1	0.5
166.00	168.00	2.00	H741184	0.0631	0.061	251	826	0.006	0.250	104	2050			1.5		0.1	1.4
168.00	170.00	2.00	H741185	0.1130	0.108	364	1100	0.009	0.600	121	2550			0.6		0.1	0.5
170.00	172.00	2.00	H741186	0.1330	0.128	307	1130	0.010	0.250	122	2640						
172.00	174.00	2.00	H741187	0.1730	0.162	376	1180	0.014	0.250	123	2660			0.2		0.1	0.1
174.00	176.00	2.00	H741188	0.1130	0.103	271	1140	0.009	0.250	124	2610			0.6		0.5	0.1
176.00	178.00	2.00	H741189	0.1020	0.104	263	1190	0.008	0.250	130	2680			0.1			0.1
178.00	180.00	2.00	H741191	0.1640	0.141	289	1100	0.014	0.250	117	2460			1.0		0.9	0.1
														0.1		0.1	0.1
														0.2		0.1	0.1
														0.6		0.1	0.5
														0.2			0.1

Hole Number: BL09-128

Project: TBN
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Drill Company: George Downing Estate Drilling
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Magma Metals (Canada) Ltd.

Drill Hole Logs

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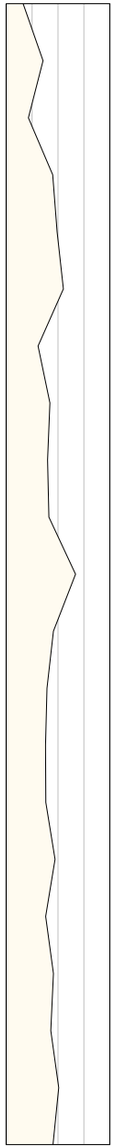
Elevation: 473.88

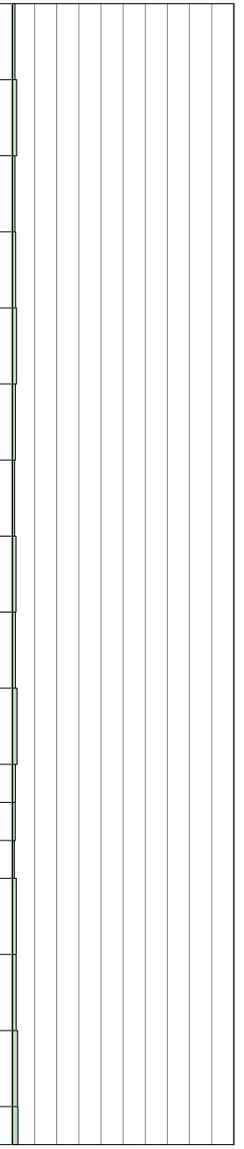
Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
177.00	227.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
180.00	182.00	0.2		0.1	0.1
182.00	184.00	0.6		0.5	0.1
184.00	186.00				
186.00	188.00				
188.00	190.00	0.1			0.1
190.00	192.00				
192.00	194.00	5.1		5.0	0.1
		0.2		0.1	0.1
194.00	196.00	3.1		3.0	0.1
196.00	198.00	0.1			0.1
198.00	200.00	1.1		1.0	0.1
		0.6		0.5	0.1
		5.1		5.0	0.1
		0.2		0.1	0.1
200.00	201.00	3.1		3.0	0.1
201.00	202.00				
202.00	203.00				
203.00	205.00	3.5		3.0	0.5
		0.6		0.1	0.5
205.00	207.00				
207.00	209.00	3.5		3.0	0.5
		0.6		0.1	0.5
209.00	211.00	0.2		0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H741192	0.0598	0.050	130	1160	0.005	0.250	129	2840	
182.00	184.00	2.00	H741193	0.0974	0.093	247	1290	0.009	0.250	136	2730	
184.00	186.00	2.00	H741194	0.0587	0.052	122	1240	0.006	0.250	133	3130	
186.00	188.00	2.00	H741195	0.0738	0.070	152	1180	0.008	0.250	126	2930	
188.00	190.00	2.00	H741196	0.1000	0.083	186	1260	0.011	0.250	134	3000	
190.00	192.00	2.00	H741197	0.0682	0.066	140	1290	0.006	0.250	142	3040	
192.00	194.00	2.00	H741198	0.0502	0.047	102	1270	0.005	0.250	140	3080	
194.00	196.00	2.00	H741199	0.0794	0.078	172	1250	0.006	0.250	135	2920	
196.00	198.00	2.00	H741200	0.0689	0.065	149	1290	0.006	0.250	140	3030	
198.00	200.00	2.00	H741201	0.1040	0.103	224	1290	0.009	0.250	136	2990	
200.00	201.00	1.00	H741202	0.0675	0.066	171	1300	0.007	0.250	135	2960	
201.00	202.00	1.00	H741203	0.0630	0.062	114	1250	0.005	0.250	130	3100	
202.00	203.00	1.00	H741204	0.0418	0.041	96	1320	0.004	0.250	138	3110	
203.00	205.00	2.00	H741205	0.0868	0.085	163	1300	0.007	0.500	135	3080	
205.00	207.00	2.00	H741206	0.0804	0.084	189	1360	0.007	0.250	142	3150	
207.00	209.00	2.00	H741207	0.1170	0.116	266	1380	0.008	0.250	139	3250	
209.00	211.00	2.00	H741208	0.1200	0.125	273	1350	0.009	0.250	136	3080	



Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
End Date: 11/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
177.00	227.00	Upd	Peridotite
227.00	290.60	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.2		0.1	0.1
0.6		0.5	0.1
1.0		0.5	0.5
2.5		2.0	0.5
0.6		0.1	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H741208	0.1200	0.125	273	1350	0.009	0.250	136	3080	
211.00	213.00	2.00	H741209	0.2020	0.203	330	1340	0.013	0.250	137	3250	
213.00	215.00	2.00	H741211	0.2360	0.244	413	1510	0.017	0.250	141	3320	
215.00	217.00	2.00	H741212	0.1150	0.110	172	1380	0.008	0.250	133	3360	
217.00	219.00	2.00	H741213	0.0686	0.064	130	1450	0.005	0.250	140	3470	
219.00	221.00	2.00	H741214	0.1270	0.121	233	1450	0.009	0.250	134	3610	
221.00	223.00	2.00	H741215	0.1380	0.132	445	1600	0.010	0.250	143	4250	
223.00	225.00	2.00	H741216	0.1840	0.178	453	1600	0.013	0.250	136	4060	
225.00	227.00	2.00	H741217	0.1800	0.165	328	1480	0.012	0.250	137	3620	
227.00	229.00	2.00	H741218	0.1560	0.149	317	1490	0.011	0.250	142	3590	
229.00	231.00	2.00	H741219	0.0802	0.075	180	1290	0.006	0.250	131	3270	
231.00	233.00	2.00	H741221	0.1350	0.126	278	1430	0.008	0.250	147	3580	
233.00	235.00	2.00	H741222	0.2250	0.223	423	1465	0.015	0.250	144	3180	
235.00	237.00	2.00	H741223	0.1570	0.163	278	1435	0.012	0.250	141	3240	
237.00	239.00	2.00	H741224	0.1050	0.106	235	1430	0.008	0.250	144	3300	
239.00	241.00	2.00	H741225	0.1770	0.155	297	1475	0.012	0.250	143	3350	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
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Magma Metals (Canada) Ltd.

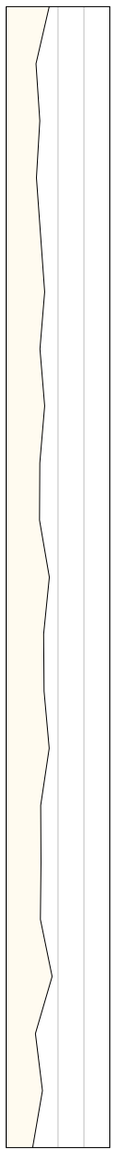
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

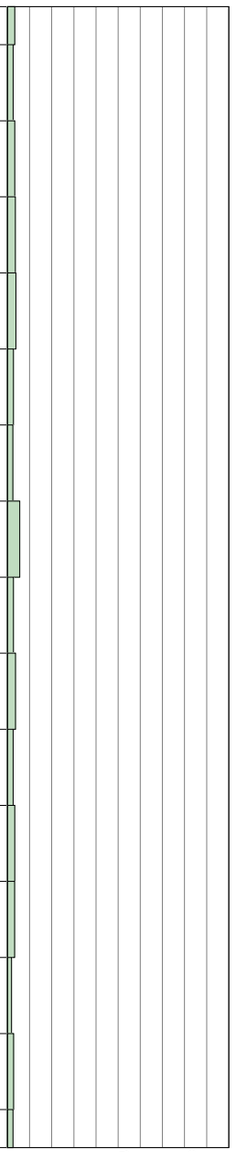
Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
227.00	290.60	Mgm	Gabbro - Melanocratic



Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6		0.5	0.1
0.1			0.1
0.6		0.5	0.1
0.1			0.1
0.1		0.1	
0.5		0.5	
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H741225	0.1770	0.155	297	1475	0.012	0.250	143	3350	
241.00	243.00	2.00	H741226	0.1320	0.124	267	1390	0.009	0.250	139	3260	
243.00	245.00	2.00	H741227	0.1730	0.161	349	1410	0.012	0.250	139	3260	
245.00	247.00	2.00	H741228	0.1800	0.174	304	1335	0.012	0.250	139	3030	2.70
247.00	249.00	2.00	H741229	0.1890	0.195	312	1335	0.012	0.250	139	2960	
249.00	251.00	2.00	H741231	0.1480	0.121	325	1400	0.011	0.250	145	3010	
251.00	253.00	2.00	H741232	0.1290	0.117	286	1395	0.010	0.250	142	3030	
253.00	255.00	2.00	H741233	0.2930	0.264	561	1520	0.019	0.250	146	3320	
255.00	257.00	2.00	H741234	0.1460	0.124	317	1380	0.011	0.250	137	3120	
257.00	259.00	2.00	H741235	0.1950	0.167	378	1460	0.013	0.250	139	3390	
259.00	261.00	2.00	H741236	0.1410	0.118	285	1395	0.011	0.250	133	3210	
261.00	263.00	2.00	H741237	0.1790	0.152	350	1445	0.012	0.250	135	3370	
263.00	265.00	2.00	H741238	0.1760	0.151	358	1510	0.013	0.250	140	3460	
265.00	267.00	2.00	H741239	0.1010	0.085	189	1345	0.008	0.500	128	3460	
267.00	269.00	2.00	H741240	0.1500	0.127	316	1415	0.011	0.250	130	3430	
269.00	271.00	2.00	H741241	0.1380	0.113	320	1500	0.010	0.250	134	3740	



Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
End Date: 11/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
227.00	290.60	Mgm	Gabbro - Melanocratic
290.60	292.00	Hg	Hybrid Grey
292.00	342.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0		1.0	
0.5		0.5	
0.1		0.1	
0.5		0.5	
1.1	0.1	0.5	0.5
0.7	0.1	0.1	0.5
1.2	0.1	0.1	1.0
2.2	0.1	0.1	2.0
0.7	0.1	0.1	0.5
6.0	0.9	0.1	5.0
1.1			1.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
269.00	271.00	2.00	H741241	0.1380	0.113	320	1500	0.010	0.250	134	3740	
271.00	273.00	2.00	H741242	0.1080	0.087	265	1430	0.009	0.250	128	3870	
273.00	275.00	2.00	H741243	0.1770	0.150	330	1455	0.015	0.250	132	3680	
275.00	277.00	2.00	H741244	0.1190	0.096	268	1390	0.009	0.250	135	3580	
277.00	279.00	2.00	H741245	0.1830	0.164	416	1355	0.013	0.250	128	3090	
279.00	281.00	2.00	H741246	0.1310	0.111	329	1215	0.011	0.250	123	2860	
281.00	283.00	2.00	H741247	0.1130	0.092	290	1180	0.009	0.250	121	2930	
283.00	285.00	2.00	H741248	0.1530	0.134	401	1150	0.011	0.250	114	2710	
285.00	287.00	2.00	H741249	0.1080	0.092	301	985	0.008	0.250	106	2270	
287.00	288.90	1.90	H741251	0.1020	0.096	287	841	0.009	0.250	93	1820	
288.90	291.00	2.10	H741252	0.4110	0.352	999	575	0.043	0.250	70	1030	
291.00	293.50	2.50	H741253	0.0056	0.005	40	72	0.003	0.250	27	118	
293.50	295.50	2.00	H741254	0.0027	0.002	33	67	0.002	0.250	20	99	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
End Date: 11/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
292.00	342.00	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-128

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/07/2009
End Date: 11/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402384.18
Easting: 358301.16
Elevation: 473.88

Azimuth: 185.5°
Dip: -64.92°
Final Depth: 342.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
292.00	342.00	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

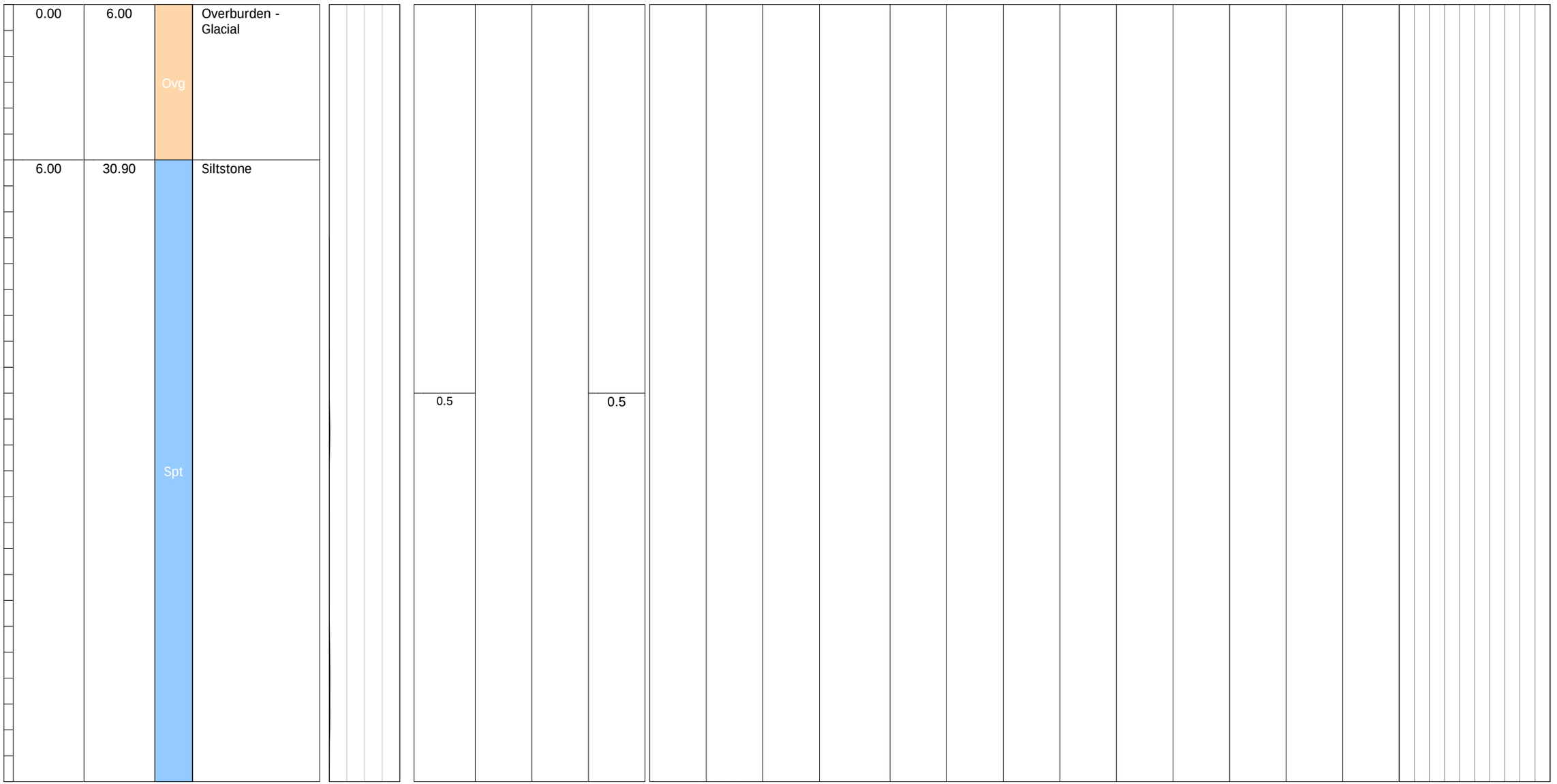
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

From m	To m	Code	Rock description
0.00	6.00	Ovg	Overburden - Glacial
6.00	30.90	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

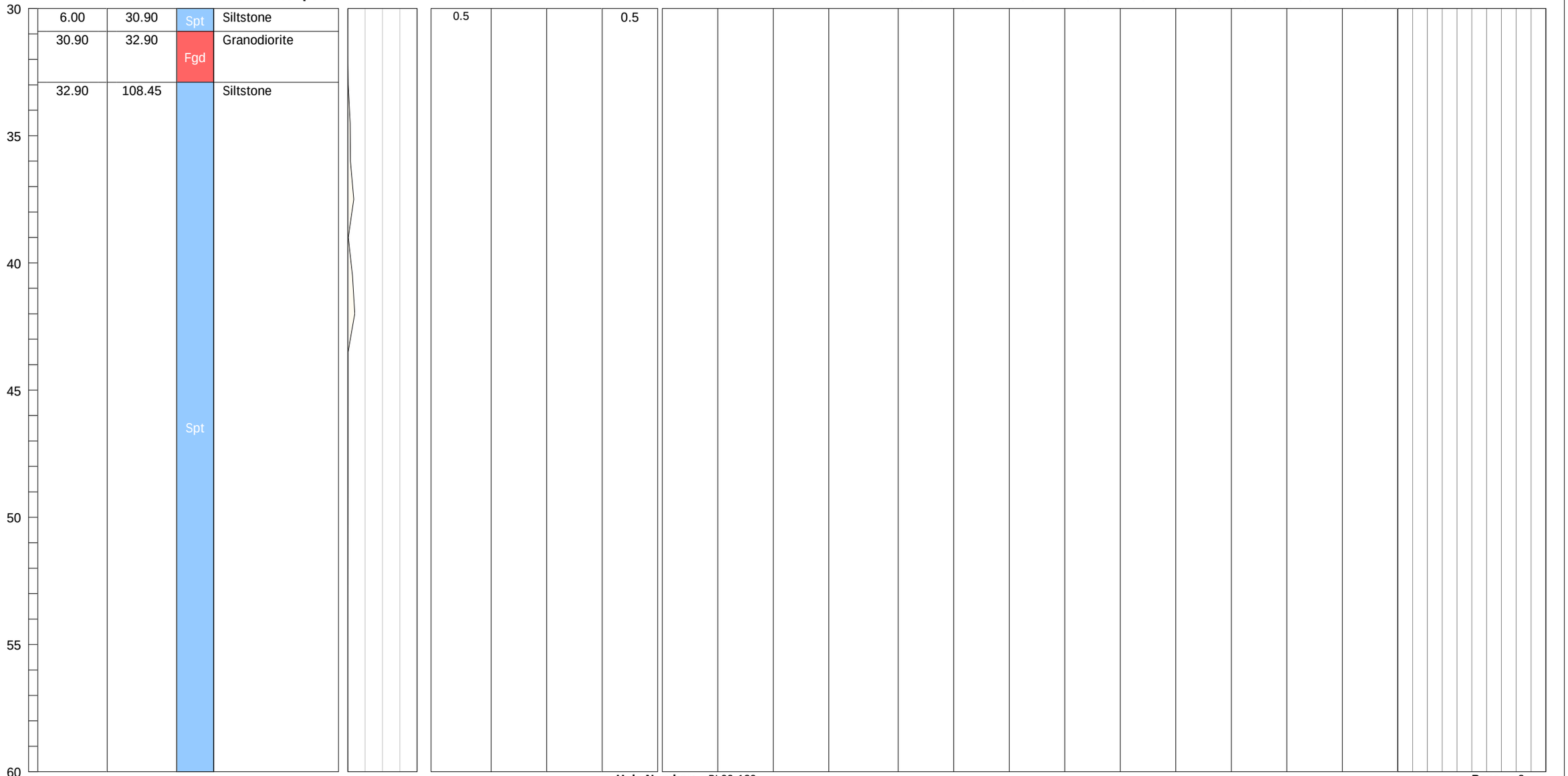
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

From m	To m	Code	Rock description
6.00	30.90	Spt	Siltstone
30.90	32.90	Fgd	Granodiorite
32.90	108.45	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
32.90	108.45	Spt	Siltstone		0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

60
65
70
75
80
85
90

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology From m	To m	Code	Rock description
32.90	108.45	Spt	Siltstone
108.45	109.30	Fgd	Granodiorite
109.30	154.50	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
109.30	154.50	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology From m	To m	Code	Rock description
109.30	154.50	Spt	Siltstone
154.50	154.80	F	Felsic Rock, Undivided
154.80	156.40	Spt	Siltstone
156.40	159.80	Hr	Hybrid Classic Red
159.80	160.50	Hr	Hybrid Classic Red
160.50	189.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
1.0			1.0
1.1			1.1
1.0			1.0
0.1		0.1	
0.5		0.5	
0.1		0.1	
0.5		0.5	
1.4		0.9	0.5
0.2		0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
153.00	155.50	2.50	H741255	0.0021	0.002	10	53	0.003	0.250	14	99	2.55
155.50	156.40	0.90	H741256	0.0131	0.014	143	192	0.003	0.250	28	351	
156.40	158.40	2.00	H741257	0.0032	0.003	32	35	0.002	0.250	30	87	
158.40	160.50	2.10	H741258	0.0024	0.003	74	39	0.002	0.250	32	135	
160.50	162.00	1.50	H741259	0.0629	0.050	283	672	0.009	0.250	100	917	
162.00	164.00	2.00	H741261	0.0363	0.038	134	684	0.005	0.250	102	1290	2.90
164.00	166.00	2.00	H741262	0.0619	0.068	199	934	0.007	0.250	124	892	
166.00	168.00	2.00	H741263	0.0506	0.053	208	919	0.005	0.250	123	1115	
168.00	170.00	2.00	H741264	0.0672	0.066	188	944	0.006	0.250	123	1425	
170.00	172.00	2.00	H741265	0.2100	0.211	461	916	0.015	0.500	113	1315	
172.00	174.00	2.00	H741266	0.3410	0.365	668	1135	0.022	0.500	125	1625	2.94
174.00	176.00	2.00	H741267	0.2730	0.292	617	1130	0.019	0.600	122	2080	
176.00	178.00	2.00	H741268	0.2870	0.283	657	1130	0.019	0.600	125	2430	
178.00	180.00	2.00	H741269	0.3400	0.337	741	1255	0.022	0.700	124	2500	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

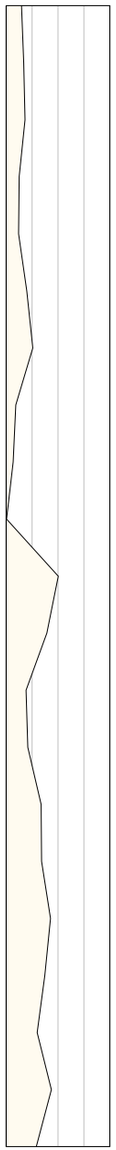
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

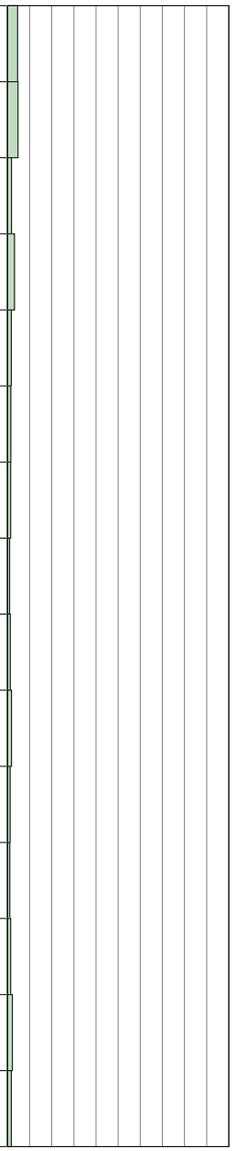
Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology From m	To m	Code	Rock description
160.50	189.00		Peridotite
189.00	260.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
180.00	182.00	0.2		0.1	0.1
182.00	184.00	0.6		0.1	0.5
184.00	186.00	0.2		0.1	0.1
186.00	188.00				
188.00	190.00				
190.00	192.00				
192.00	194.00				
194.00	196.00	1.2		1.1	0.1
196.00	198.00	0.2		0.1	0.1
198.00	200.00	0.6		0.5	0.1
200.00	202.00	0.2		0.1	0.1
202.00	204.00	0.6		0.5	0.1
204.00	206.00	0.2		0.1	0.1
206.00	208.00				
208.00	210.00	0.6		0.5	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H741271	0.2290	0.227	530	1205	0.015	0.250	128	2590	
182.00	184.00	2.00	H741272	0.2410	0.237	599	1270	0.019	0.500	130	2680	2.96
184.00	186.00	2.00	H741273	0.0930	0.091	235	1090	0.007	0.500	122	2550	
186.00	188.00	2.00	H741274	0.1670	0.152	382	1135	0.012	0.250	123	2540	
188.00	190.00	2.00	H741275	0.0883	0.083	214	1145	0.007	0.250	125	2430	
190.00	192.00	2.00	H741276	0.0780	0.071	187	1155	0.006	0.250	129	2730	
192.00	194.00	2.00	H741277	0.0784	0.069	180	1150	0.005	0.250	128	2650	2.72
194.00	196.00	2.00	H741278	0.0525	0.045	108	1205	0.004	0.250	128	2980	
196.00	198.00	2.00	H741279	0.0690	0.055	156	1250	0.006	0.250	135	3060	
198.00	200.00	2.00	H741281	0.1020	0.086	176	1295	0.009	0.250	140	3170	
200.00	202.00	2.00	H741282	0.0639	0.054	107	1250	0.005	0.250	139	3000	
202.00	204.00	2.00	H741283	0.0553	0.051	108	1215	0.004	0.250	136	2870	2.90
204.00	206.00	2.00	H741284	0.0773	0.069	134	1270	0.007	0.250	140	2970	
206.00	208.00	2.00	H741285	0.1190	0.104	219	1360	0.008	0.250	146	2990	
208.00	210.00	2.00	H741286	0.0896	0.080	199	1335	0.007	0.500	142	3090	



Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

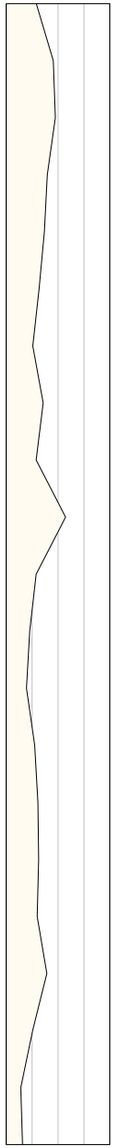
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology From m	To m	Code	Rock description
189.00	260.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
189.00	210.00	0.6		0.5	0.1
210.00	214.00	1.0		0.5	0.5
214.00	218.00	0.6		0.5	0.1
218.00	222.00	1.1		1.0	0.1
222.00	260.00	0.6		0.5	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H741287	0.0750	0.065	137	1350	0.005	0.250	143	3180	2.82
212.00	214.00	2.00	H741288	0.0857	0.083	157	1345	0.006	0.250	142	3110	
214.00	216.00	2.00	H741289	0.0967	0.082	184	1385	0.006	0.250	145	3270	
216.00	218.00	2.00	H741290	0.1430	0.138	255	1425	0.010	0.250	144	3250	
218.00	220.00	2.00	H741291	0.1050	0.102	238	1395	0.012	0.250	140	3270	
220.00	222.00	2.00	H741292	0.0658	0.058	110	1345	0.004	0.250	137	3230	2.80
222.00	224.00	2.00	H741293	0.0784	0.069	112	1350	0.005	0.250	138	3400	2.88
224.00	226.00	2.00	H741294	0.1320	0.114	176	1415	0.008	0.250	142	3340	
226.00	228.00	2.00	H741295	0.1110	0.095	123	1405	0.007	0.250	139	3360	
228.00	230.00	2.00	H741296	0.0919	0.081	106	1385	0.006	0.250	138	3350	
230.00	232.00	2.00	H741297	0.1350	0.109	182	1465	0.008	0.250	137	3450	
232.00	234.00	2.00	H741298	0.0903	0.077	195	1375	0.006	0.250	134	3550	
234.00	236.00	2.00	H741299	0.1940	0.174	565	1735	0.018	0.500	142	4300	
236.00	238.00	2.00	H741301	0.1220	0.098	222	1450	0.008	0.250	132	4200	
238.00	240.00	2.00	H741302	0.1390	0.121	248	1460	0.010	0.250	136	3820	

Pt + Pd (ppm)
0 2 4 6 8 10

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology From m	To m	Code	Rock description
189.00	260.00	Upd	Peridotite
260.00	275.00	Upd	Peridotite

Magsus	Sulphide %	Cpy %	Po %	Py %
0 100 200	0.6		0.5	0.1
	0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H741303	0.0945	0.078	167	1355	0.006	0.250	134	3420	2.94
242.00	244.00	2.00	H741304	0.1680	0.145	301	1415	0.011	0.250	138	3360	
244.00	246.00	2.00	H741305	0.1090	0.089	176	1335	0.007	0.250	137	3330	
246.00	248.00	2.00	H741306	0.1870	0.172	309	1300	0.011	0.250	130	2920	
248.00	250.00	2.00	H741307	0.2400	0.227	441	1385	0.013	0.500	135	2950	
250.00	252.00	2.00	H741308	0.1400	0.125	218	1350	0.008	0.250	132	3130	2.85
252.00	254.00	2.00	H741309	0.1110	0.092	174	1315	0.006	0.250	131	3060	
254.00	256.00	2.00	H741311	0.1240	0.107	193	1315	0.006	0.250	133	3160	
256.00	258.00	2.00	H741312	0.1550	0.134	267	1305	0.009	0.250	135	2990	
258.00	260.00	2.00	H741313	0.1830	0.160	296	1410	0.010	0.250	146	3100	
260.00	262.00	2.00	H741314	0.1050	0.092	205	1275	0.007	0.250	134	2810	2.95
262.00	264.00	2.00	H741315	0.2380	0.226	433	1390	0.013	0.250	135	2850	
264.00	266.00	2.00	H741316	0.2120	0.193	378	1390	0.012	0.250	136	2950	
266.00	268.00	2.00	H741317	0.1450	0.131	291	1300	0.009	0.500	128	2990	
268.00	270.00	2.00	H741318	0.1720	0.153	366	1445	0.011	0.250	135	3160	

Pt + Pd (ppm) 0 2 4 6 8 10

240 245 250 255 260 265 270

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology From m	To m	Code	Rock description
260.00	275.00	Upd	Peridotite
275.00	308.00	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
0.9		0.9	
0.1		0.1	
0.5		0.5	
0.1		0.1	
0.9		0.9	
0.1		0.1	
0.2		0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H741319	0.1120	0.094	231	1335	0.008	0.250	131	3080	2.98
272.00	274.00	2.00	H741321	0.1060	0.093	235	1390	0.010	0.250	134	3220	
274.00	276.00	2.00	H741322	0.1390	0.124	298	1410	0.009	0.250	133	3330	
276.00	278.00	2.00	H741323	0.1420	0.128	415	1455	0.009	0.700	132	3350	
278.00	280.00	2.00	H741324	0.1800	0.154	393	1405	0.012	0.250	130	3410	
280.00	282.00	2.00	H741325	0.1570	0.133	290	1395	0.009	0.250	128	3410	2.99
282.00	284.00	2.00	H741326	0.1340	0.115	302	1415	0.009	0.250	126	3680	
284.00	286.00	2.00	H741327	0.1830	0.155	338	1410	0.011	0.250	128	3610	
286.00	288.00	2.00	H741328	0.1190	0.095	248	1280	0.007	0.700	121	3380	
288.00	290.00	2.00	H741329	0.1690	0.148	379	1290	0.010	0.500	124	3060	
290.00	292.00	2.00	H741330	0.1390	0.118	306	1240	0.009	0.500	122	2960	
292.00	294.00	2.00	H741331	0.1250	0.107	270	1165	0.008	0.250	116	2740	
294.00	296.00	2.00	H741332	0.1440	0.133	376	1185	0.009	0.250	118	2830	
296.00	298.00	2.00	H741333	0.1110	0.096	293	1140	0.008	0.500	115	2890	
298.00	300.00	2.00	H741334	0.1100	0.093	309	1080	0.008	0.250	111	2700	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-129

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/07/2009
End Date: 17/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402383.82
Easting: 358301.15
Elevation: 473.64

Azimuth: 187.2°
Dip: -58.20°
Final Depth: 309.00

Lithology From m	To m	Code	Rock description
275.00	308.00	Mgm	Gabbro - Melanocratic
308.00	309.00	Spt	Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.2		0.1	0.1
0.3	0.1	0.1	0.1
0.7	0.1	0.5	0.1
1.5	0.1	0.5	0.9
1.1	0.1	0.5	0.5
14.9	0.9	7.0	7.0
2.4	0.5	0.9	1.0
0.5			0.5
0.6			0.6

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H741335	0.0787	0.063	238	1010	0.005	0.250	109	2520	2.99
302.00	304.00	2.00	H741336	0.0947	0.080	256	881	0.006	0.250	98	2170	
304.00	305.25	1.25	H741337	0.1040	0.092	310	806	0.007	0.250	92	1825	
305.25	306.25	1.00	H741338	0.1020	0.091	308	711	0.007	0.500	86	1515	
306.25	307.25	1.00	H741339	3.6000	3.310	8510	4160	0.220	6.200	210	1260	3.05
307.25	309.00	1.75	H741341	0.7780	0.715	1635	551	0.070	1.100	53	576	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

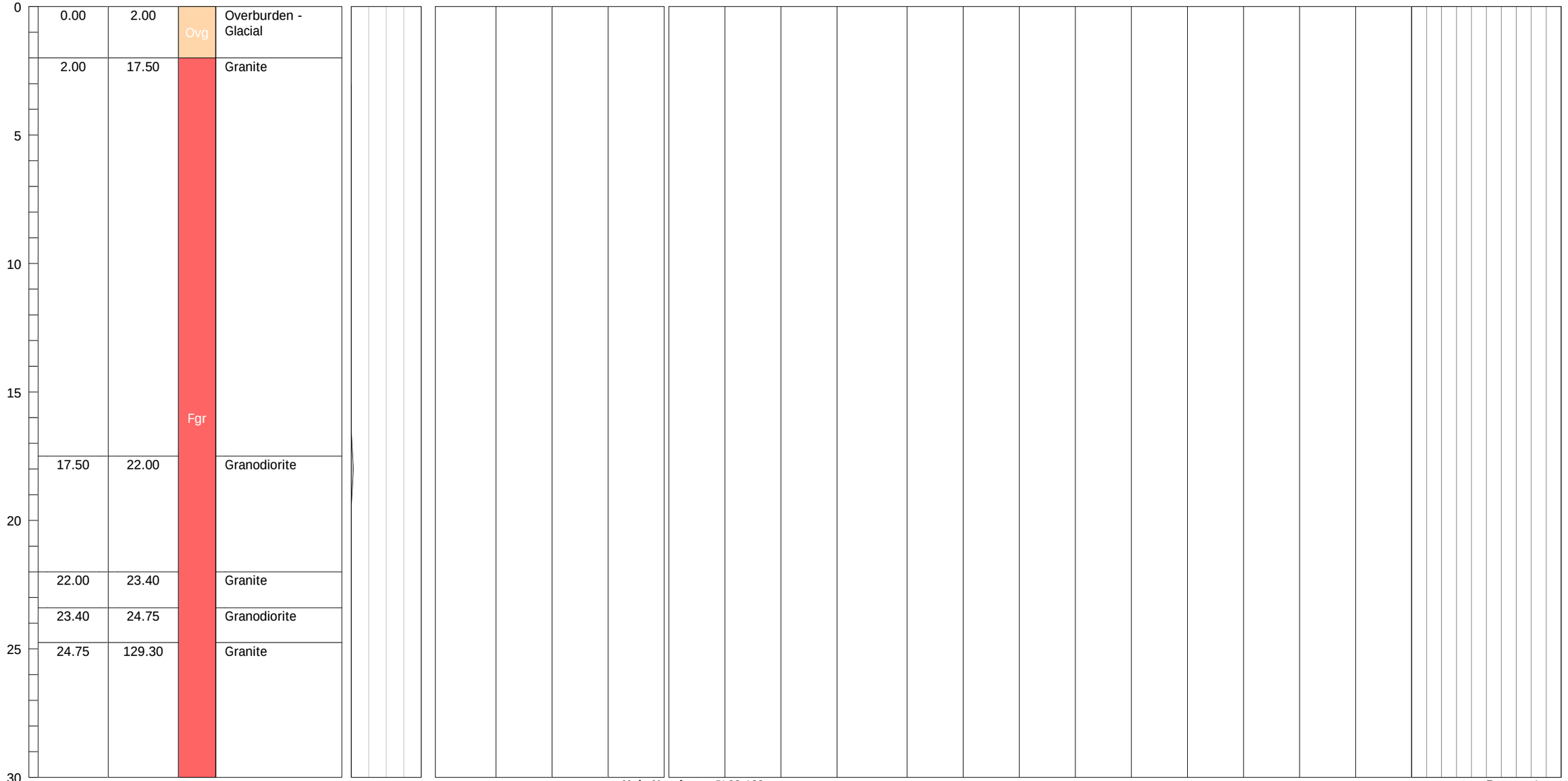
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

From m	To m	Code	Rock description
0.00	2.00	Ovg	Overburden - Glacial
2.00	17.50	Fgr	Granite
17.50	22.00	Fgr	Granodiorite
22.00	23.40	Fgr	Granite
23.40	24.75	Fgr	Granodiorite
24.75	129.30	Fgr	Granite



Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
24.75	129.30	Fgr	Granite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
24.75	129.30	Fgr	Granite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

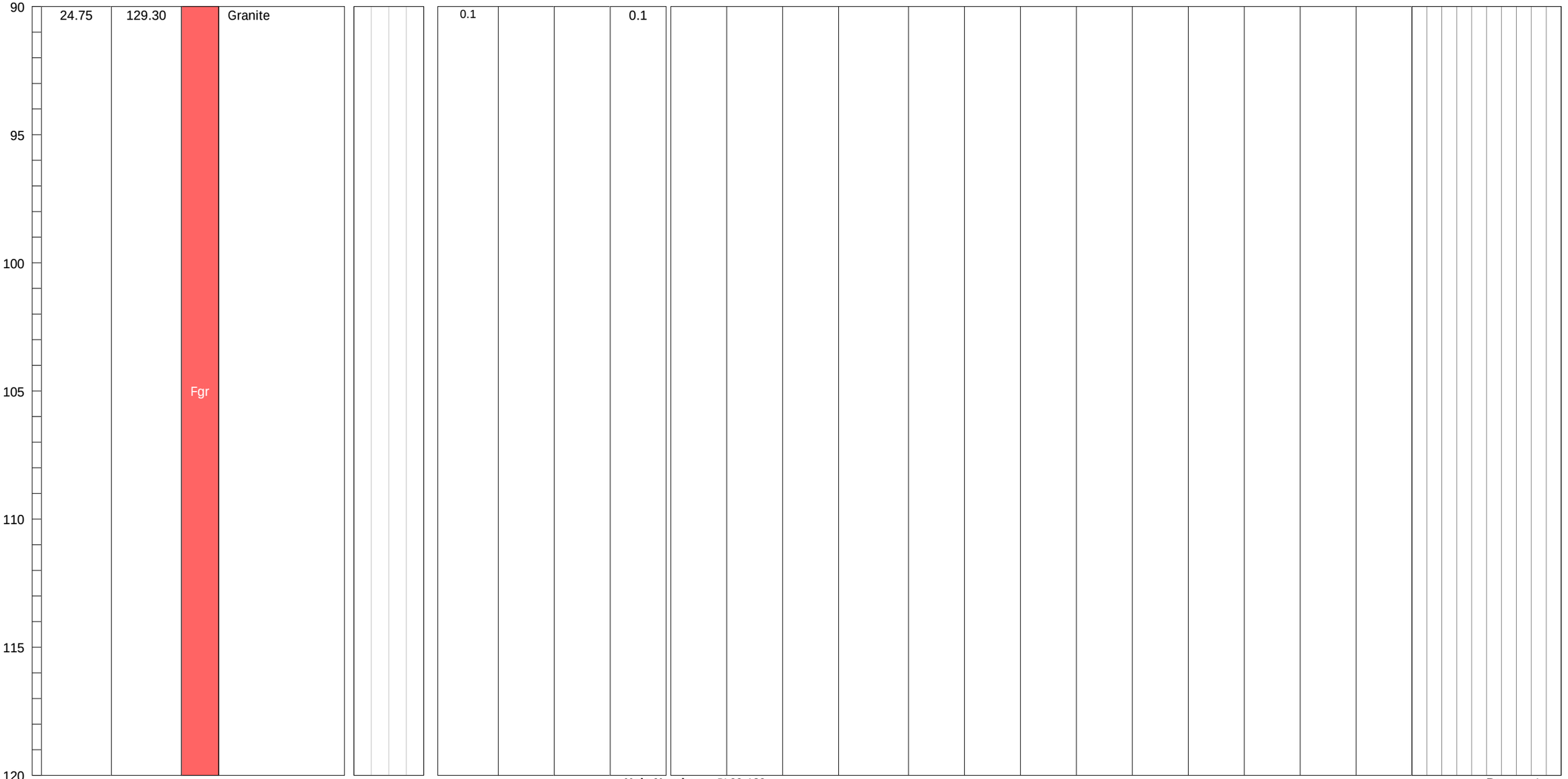
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology From m	To m	Code	Rock description
24.75	129.30	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

From m	To m	Code	Rock description
24.75	129.30	Fgr	Granite
129.30	130.25		Granodiorite
130.25	135.00		Granite
135.00	136.20	I	Intermediate rock, undivided
136.20	136.60	Zib	Mixed Intrusion Breccia
136.60	138.60	Fgr	Granite
138.60	142.00	Spt	Siltstone
142.00	143.00	Fgr	Granite
143.00	147.80	Spt	Siltstone
147.80	148.55	Hr	Hybrid Classic Red
148.55	152.70	Upd	Peridotite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.7			0.6
0.6			0.6
7.5			7.5
7.0			7.0
2.0			2.0
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
133.00	135.00	2.00	H741342	0.0005	0.001	6	32	0.001	0.250	3	16	
135.00	136.60	1.60	H741343	0.0119	0.007	88	154	0.002	0.250	38	367	
136.60	138.60	2.00	H741344	0.0005	0.001	4	24	0.001	0.500	5	32	2.60
138.60	141.00	2.40	H741345	0.0021	0.002	9	144	0.001	0.700	26	196	
141.00	143.00	2.00	H741346	0.0009	0.001	9	52	0.001	0.250	9	66	
143.00	145.40	2.40	H741347	0.0017	0.002	30	69	0.001	0.500	19	94	
145.40	147.80	2.40	H741348	0.0022	0.002	95	99	0.001	0.250	25	163	2.63
147.80	148.55	0.75	H741349	0.0048	0.004	67	116	0.003	0.250	43	177	
148.55	150.55	2.00	H741351	0.0278	0.029	113	636	0.005	0.500	93	1000	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology From m	To m	Code	Rock description
148.55	152.70	Upd	Peridotite
152.70	153.45	Mgvt	Gabbro - VariTextured
153.45	157.50	Upd	Peridotite
157.50	166.00		Gabbro - Melanocratic
166.00	222.20	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0			1.0
3.0			3.0
0.5			0.5
1.1	0.1	0.5	0.5
1.2	0.1	0.5	0.6
0.1			0.1
0.7		0.1	0.6
0.6		0.1	0.5
0.1			0.1
0.6		0.5	0.1
0.2		0.1	0.1
0.2		0.1	0.1
0.6		0.5	0.1
0.2		0.1	0.1
0.3	0.1	0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
148.55	150.55	2.00	H741351	0.0278	0.029	113	636	0.005	0.500	93	1000	
150.55	152.70	2.15	H741352	0.1060	0.103	282	858	0.010	0.250	104	1730	
152.70	153.45	0.75	H741353	0.0108	0.011	64	104	0.005	0.250	30	150	
153.45	155.00	1.55	H741354	0.1340	0.127	289	876	0.010	0.250	108	1810	
155.00	157.00	2.00	H741355	0.2410	0.231	423	996	0.015	0.900	120	2040	2.78
157.00	159.00	2.00	H741356	0.0811	0.076	132	905	0.006	0.250	112	2060	
159.00	161.00	2.00	H741357	0.1060	0.098	259	1020	0.008	0.250	121	2280	
161.00	163.00	2.00	H741358	0.1510	0.132	322	1040	0.010	0.250	121	2370	
163.00	165.00	2.00	H741359	0.1050	0.094	233	1000	0.008	0.250	119	2240	
165.00	167.00	2.00	H741361	0.0773	0.074	198	1070	0.008	0.250	127	2410	2.98
167.00	169.00	2.00	H741362	0.0807	0.070	197	1110	0.007	0.250	127	2500	
169.00	171.00	2.00	H741363	0.0956	0.085	219	1150	0.008	0.250	128	2560	
171.00	173.00	2.00	H741364	0.0791	0.074	176	1170	0.007	0.250	133	2660	
173.00	175.00	2.00	H741365	0.0668	0.058	150	1170	0.006	0.500	129	2680	
175.00	177.00	2.00	H741366	0.0448	0.037	121	1120	0.005	0.250	122	2650	2.87
177.00	179.00	2.00	H741367	0.0879	0.076	178	1220	0.007	0.250	129	2840	
179.00	181.00	2.00	H741368	0.0580	0.050	129	1170	0.005	0.500	124	2890	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

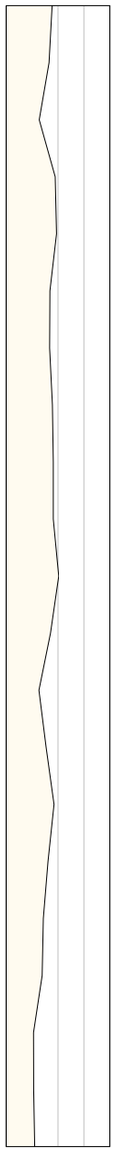
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

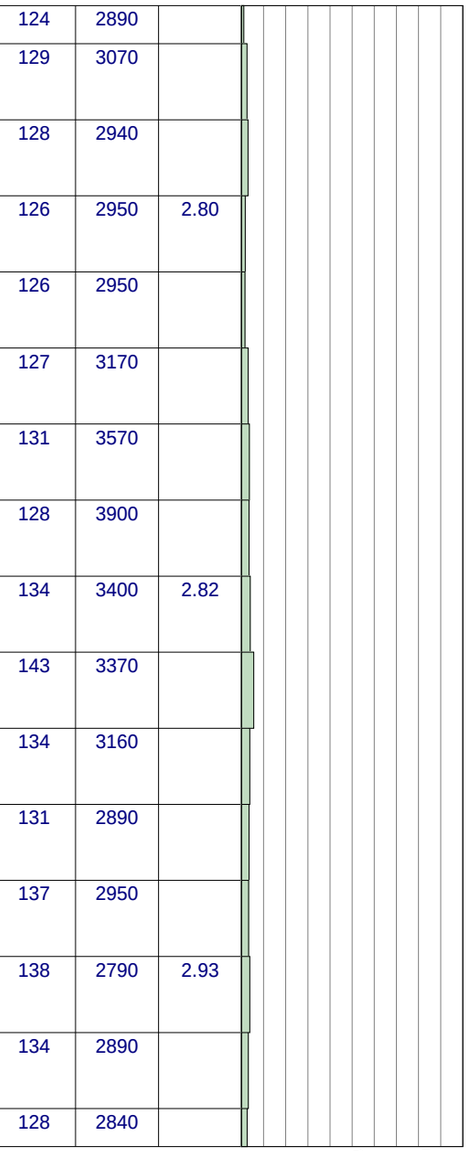
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology From m	To m	Code	Rock description
166.00	222.20	Mgm	Gabbro - Melanocratic



From m	To m	Sulphide %	Cpy %	Po %	Py %
166.00	179.00	0.3	0.1	0.1	0.1
179.00	181.00	0.2		0.1	0.1
181.00	183.00				
183.00	185.00	1.4		0.9	0.5
185.00	187.00	1.5		0.9	0.6
187.00	189.00	0.3		0.1	0.2
189.00	191.00	0.2		0.1	0.1
191.00	193.00	1.0		0.9	0.1
193.00	195.00	0.6		0.5	0.1
195.00	197.00	0.7		0.5	0.2
197.00	199.00	0.3		0.1	0.2
199.00	201.00	1.1		0.9	0.2
201.00	203.00	1.0		0.9	0.1
203.00	205.00	0.6		0.5	0.1
205.00	207.00	2.1		2.0	0.1
207.00	209.00	0.6		0.5	0.1
209.00	211.00	1.1		1.0	0.1
		0.6		0.5	0.1
		1.0		0.5	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H741368	0.0580	0.050	129	1170	0.005	0.500	124	2890	
181.00	183.00	2.00	H741369	0.1350	0.118	241	1270	0.009	0.250	129	3070	
183.00	185.00	2.00	H741370	0.1570	0.141	249	1250	0.010	0.250	128	2940	
185.00	187.00	2.00	H741371	0.0908	0.082	167	1210	0.006	0.500	126	2950	2.80
187.00	189.00	2.00	H741372	0.0857	0.075	156	1220	0.007	0.250	126	2950	
189.00	191.00	2.00	H741373	0.1620	0.141	217	1280	0.010	0.250	127	3170	
191.00	193.00	2.00	H741374	0.1880	0.170	304	1390	0.012	0.600	131	3570	
193.00	195.00	2.00	H741375	0.1870	0.157	291	1420	0.013	0.250	128	3900	
195.00	197.00	2.00	H741376	0.2120	0.184	292	1410	0.012	0.500	134	3400	2.82
197.00	199.00	2.00	H741377	0.2880	0.265	461	1500	0.018	0.600	143	3370	
199.00	201.00	2.00	H741378	0.1980	0.178	335	1320	0.013	0.500	134	3160	
201.00	203.00	2.00	H741379	0.1790	0.164	347	1250	0.012	0.250	131	2890	
203.00	205.00	2.00	H741381	0.1630	0.160	339	1340	0.010	0.250	137	2950	
205.00	207.00	2.00	H741382	0.1880	0.191	430	1360	0.013	0.250	138	2790	2.93
207.00	209.00	2.00	H741383	0.1570	0.152	311	1320	0.011	0.250	134	2890	
209.00	211.00	2.00	H741384	0.1330	0.128	272	1220	0.010	0.250	128	2840	



Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology From m	To m	Code	Rock description
166.00	222.20	Mgm	Gabbro - Melanocratic
222.20	223.85	Mgvt	Gabbro - VariTextured
223.85	229.50	SSS	Sandstone to Siltstone
229.50	230.00		Siltstone
230.00	230.65	Upd	Peridotite
230.65	231.00	Spt	Siltstone
231.00	233.55	Fg	Granite - Undifferentiated
233.55	249.10	Upd	Peridotite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.5		1.0	0.5
1.0		0.5	0.5
1.4		0.9	0.5
2.5	0.5	1.0	0.5
1.0		0.5	0.5
1.4		0.5	0.9
3.0			3.0
3.5			3.5
0.5			0.5
3.0			3.0
0.5			0.5
2.5			2.5
0.5	0.5	2.0	0.5
3.0	0.5	2.0	0.5
3.1			0.6
0.7		0.5	0.2
1.2		1.0	0.2
3.2		3.0	0.2
1.2		1.0	0.2
3.2		3.0	0.2
1.2		1.0	0.2
0.7		0.5	0.2

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H741384	0.1330	0.128	272	1220	0.010	0.250	128	2840	
211.00	213.00	2.00	H741385	0.1450	0.131	317	1280	0.011	0.600	129	2830	
213.00	215.00	2.00	H741386	0.1160	0.103	246	1150	0.009	0.250	123	2620	
215.00	217.00	2.00	H741387	0.1920	0.181	470	1130	0.015	0.250	117	2320	2.99
217.00	219.00	2.00	H741388	0.1860	0.181	522	1180	0.016	0.800	120	2530	
219.00	220.00	1.00	H741389	0.1570	0.145	677	1160	0.014	0.250	124	2200	
220.00	222.20	2.20	H741391	0.0609	0.053	362	990	0.007	0.250	110	2420	
222.20	223.85	1.65	H741392	0.2120	0.198	694	430	0.016	0.250	47	447	
223.85	225.00	1.15	H741393	0.0429	0.040	32	103	0.004	0.250	21	115	
225.00	228.00	3.00	H741394	0.0020	0.002	57	75	0.003	0.250	22	116	
228.00	230.00	2.00	H741395	0.0041	0.004	48	98	0.002	0.250	27	183	
230.00	230.65	0.65	H741396	0.0710	0.065	268	984	0.008	0.250	110	1740	
230.65	232.00	1.35	H741397	0.1330	0.110	429	334	0.009	0.250	33	115	
232.00	233.55	1.55	H741398	0.0293	0.034	114	106	0.005	0.250	6	26	
233.55	235.00	1.45	H741399	0.0867	0.084	315	1250	0.008	0.250	125	1980	
235.00	237.00	2.00	H741401	0.0361	0.034	139	1300	0.007	0.250	137	2410	3.07
237.00	238.00	1.00	H741402	0.0218	0.018	94	1290	0.003	0.250	137	2550	
238.00	239.00	1.00	H741403	0.0286	0.024	132	1320	0.004	0.250	138	2810	
239.00	241.00	2.00	H741404	0.0310	0.028	141	1300	0.004	0.250	133	3020	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology From m	To m	Code	Rock description
233.55	249.10	Upd	Peridotite
249.10	249.50	Hg	Hybrid Grey
249.50	250.00	Gd	Granite - Undifferentiated
250.00	250.20	Fg	Siltstone
250.20	250.45	Hg	Hybrid Grey
250.45	251.70	Gd	Granite - Undifferentiated
251.70	253.40	Hg	Hybrid Grey
253.40	258.70	Spt	Siltstone
258.70	260.70	Fgd	Granodiorite
260.70	271.20	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.7		0.5	0.2
1.6		0.5	1.1
3.2		0.1	3.1
1.2		0.1	1.1
1.0			1.0
0.5			0.5
3.0			3.0
0.5			0.5
0.6			0.6
0.1			0.1
3.1			3.1
0.2			0.2
2.1			2.1
0.2			0.2
0.1			0.1
0.9			0.9

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H741404	0.0310	0.028	141	1300	0.004	0.250	133	3020	
241.00	243.00	2.00	H741405	0.0286	0.025	145	1280	0.003	0.250	134	3120	
243.00	245.00	2.00	H741406	0.0414	0.036	216	1240	0.004	0.250	125	2720	
245.00	247.00	2.00	H741407	0.0268	0.024	175	1020	0.004	0.250	123	2500	2.95
247.00	249.10	2.10	H741408	0.0066	0.006	120	692	0.003	0.250	122	1210	
249.10	250.45	1.35	H741409	0.0009	0.001	55	70	0.003	0.250	40	87	
250.45	251.70	1.25	H741410	0.0003	0.001	4	7	0.002	0.250	2	12	
251.70	253.40	1.70	H741411	0.0003	0.001	30	20	0.002	0.250	40	8	
253.40	255.00	1.60	H741412	0.0011	0.001	13	60	0.002	0.250	16	93	
255.00	257.00	2.00	H741413	0.0013	0.001	44	58	0.002	0.250	18	86	2.74

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-130

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/07/2009
End Date: 20/07/2009

Magma Metals (Canada) Ltd.

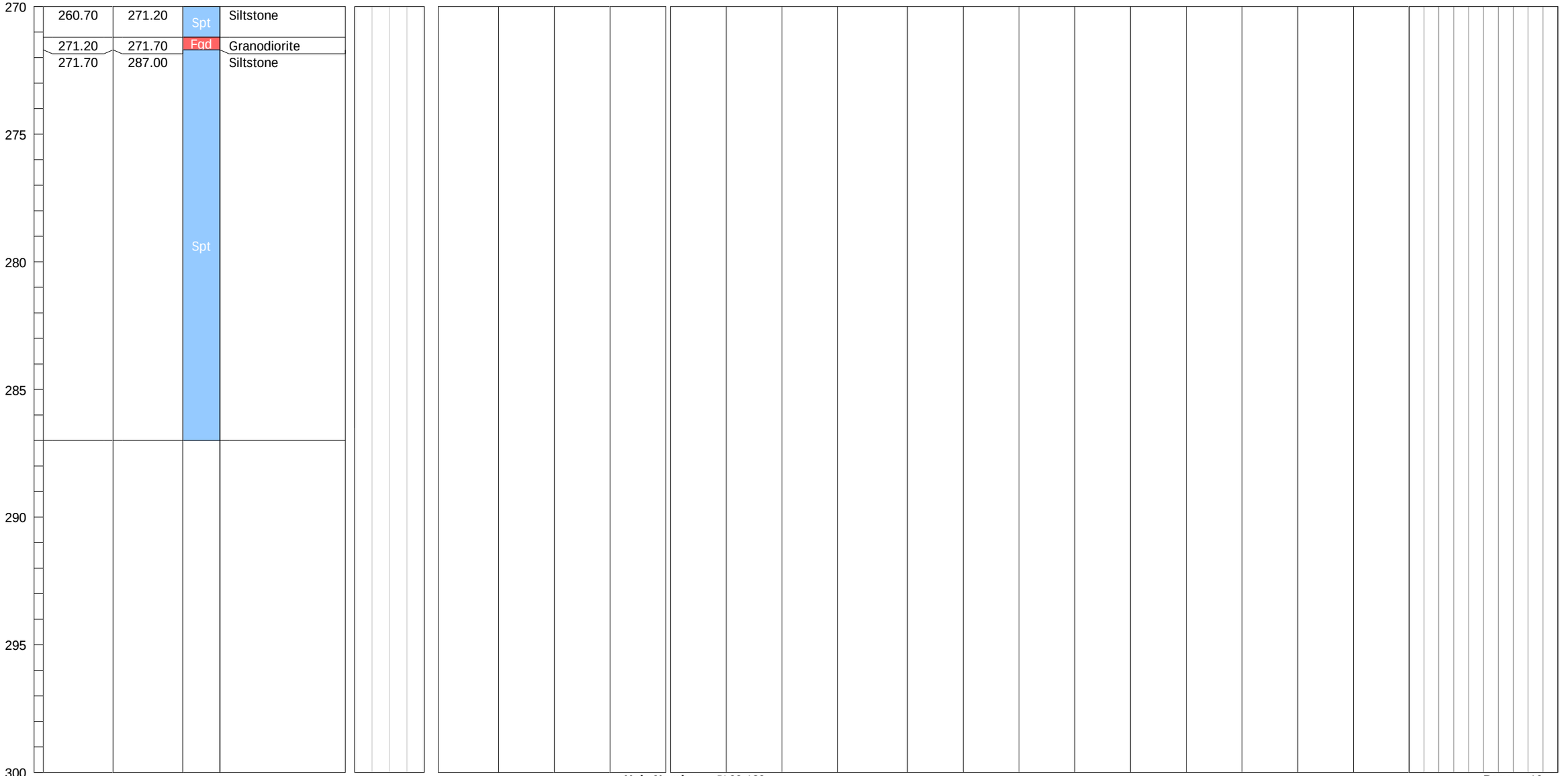
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.91
Easting: 358401.82
Elevation: 484.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 287.00

Lithology From m	To m	Code	Rock description
260.70	271.20	Spt	Siltstone
271.20	271.70	Fgd	Granodiorite
271.70	287.00	Spt	Siltstone



Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

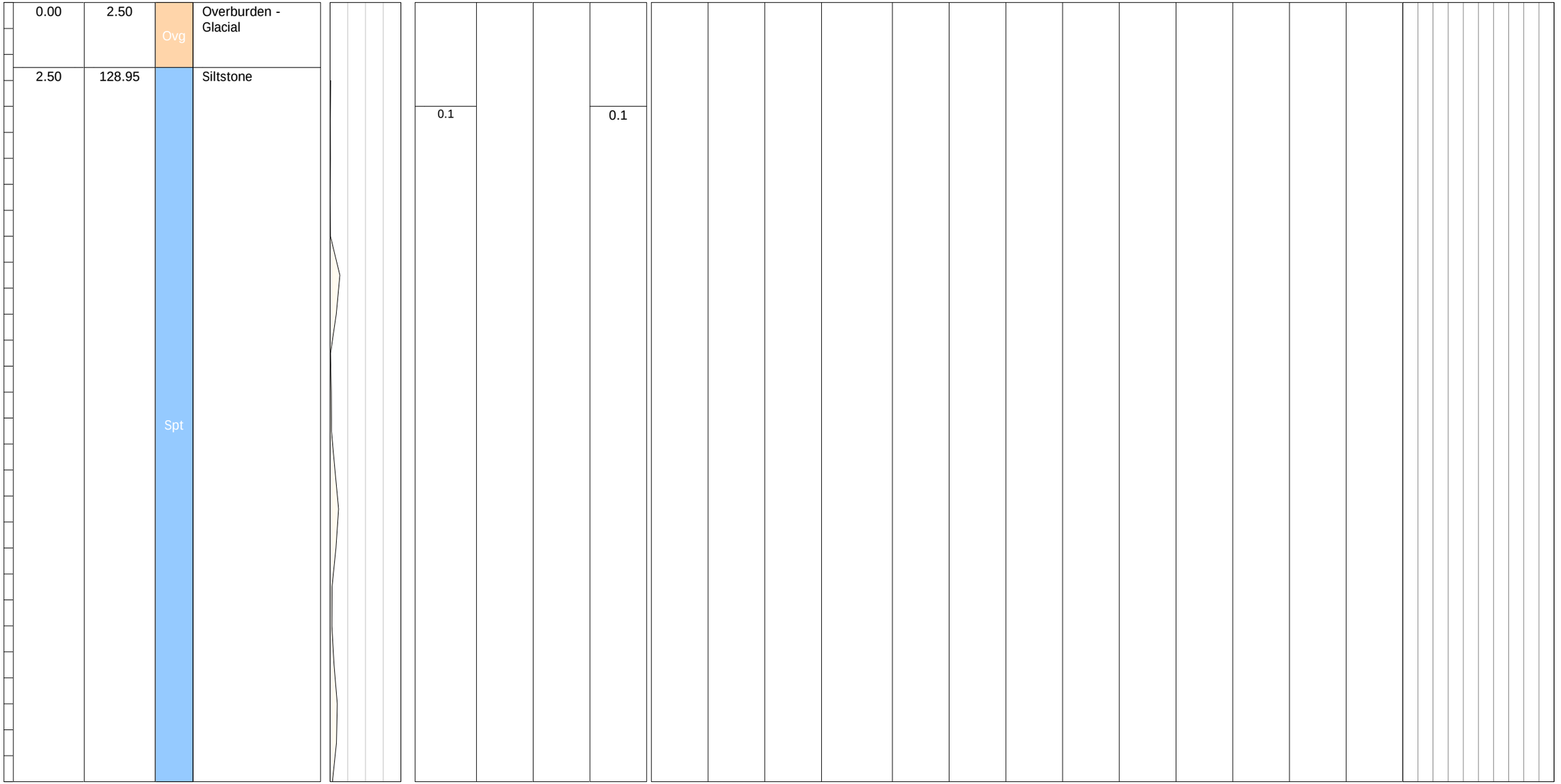
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

Lithology From m	To m	Code	Rock description
0.00	2.50	Ovg	Overburden - Glacial
2.50	128.95	Spt	Siltstone



Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

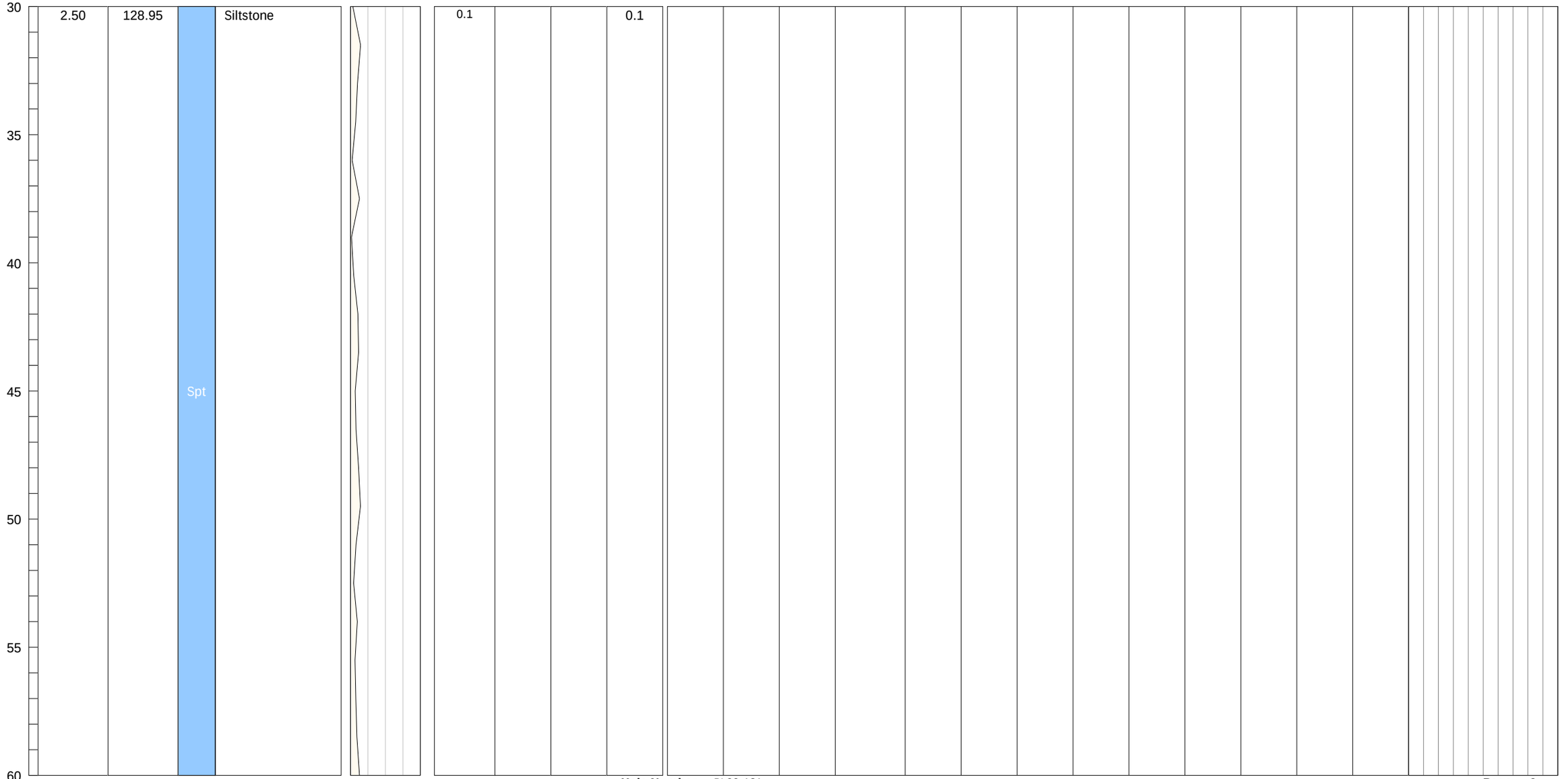
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

Lithology From m	To m	Code	Rock description
2.50	128.95	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

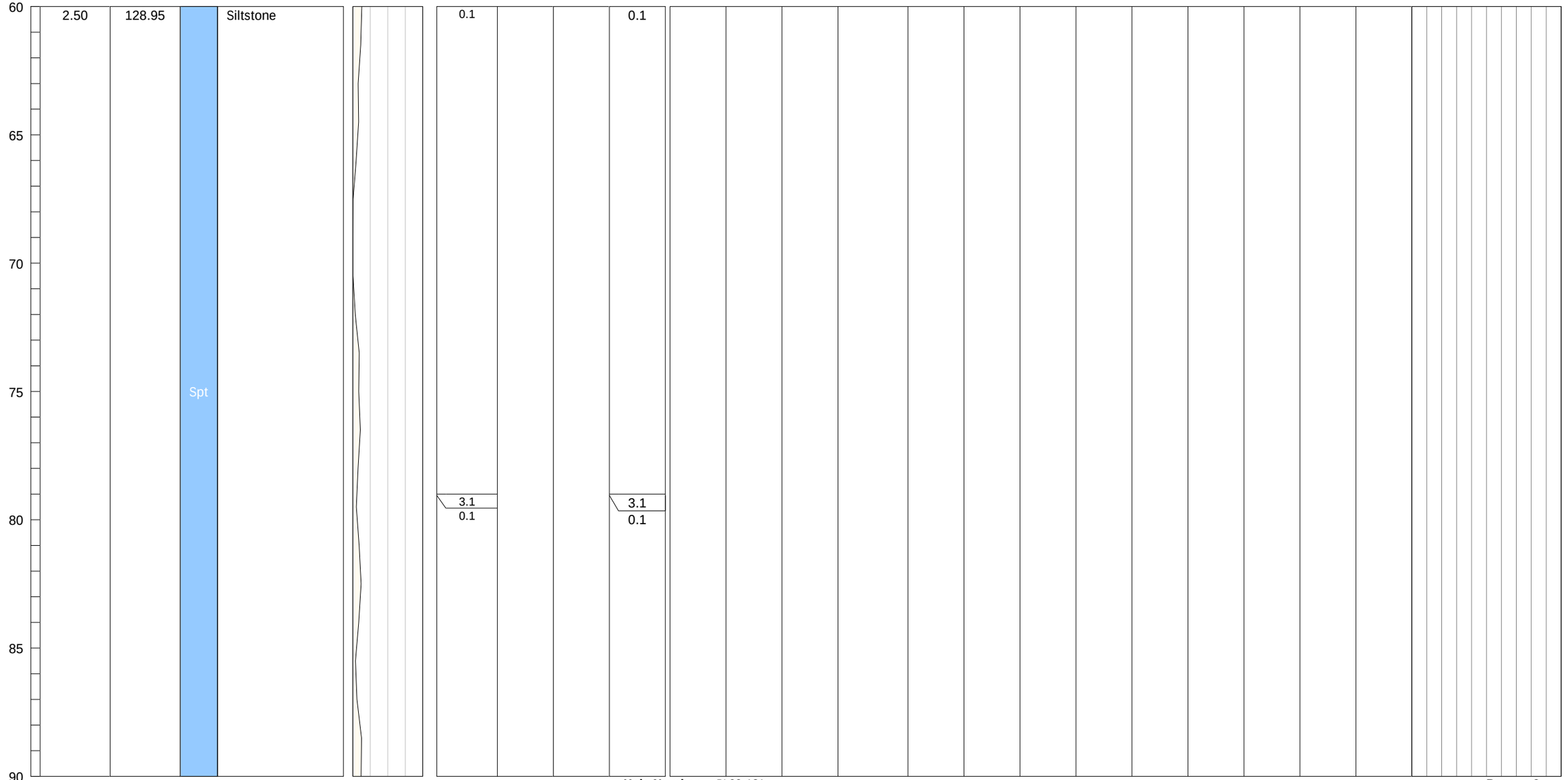
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

Lithology From m	To m	Code	Rock description
2.50	128.95	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

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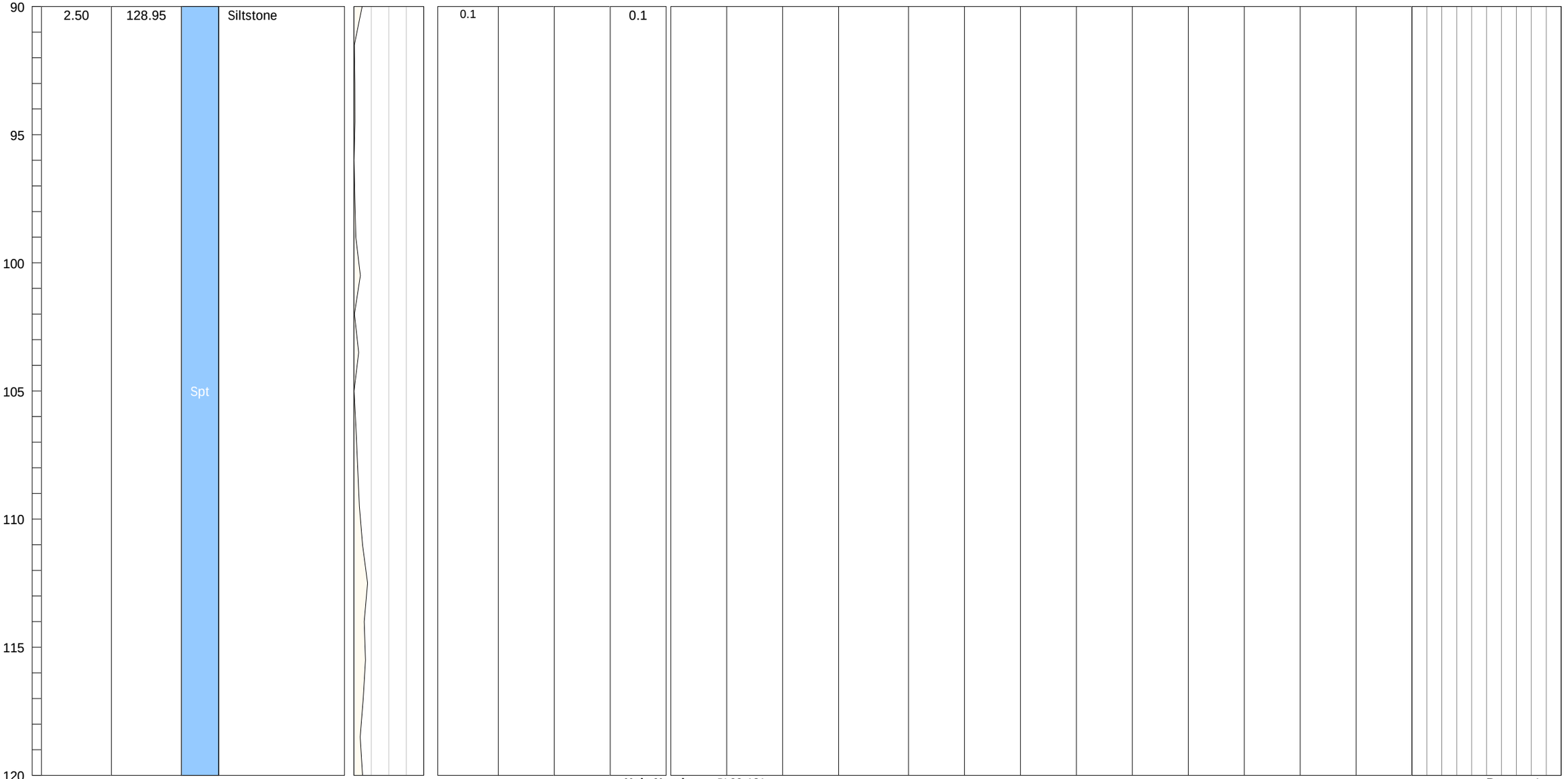
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

From m	To m	Code	Rock description
2.50	128.95	Spt	Siltstone



Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

From m	To m	Code	Rock description
2.50	128.95	Spt	Siltstone
128.95	130.00	Hr	Hybrid Classic Red
130.00	134.00	Hr	Hybrid Classic Red
134.00	135.25	Mgvt	Gabbro - VariTextured
135.25	136.30	Upd	Peridotite
136.30	137.00	Mgvt	Gabbro - VariTextured
137.00	137.65	Upd	Peridotite
137.65	138.15	Mgvt	Gabbro - VariTextured
138.15	139.80	Upd	Peridotite
139.80	140.70	Mgvt	Gabbro - VariTextured
140.70	144.00	Upd	Peridotite
144.00	151.00	Mgm	Gabbro - Melanocratic

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
2.50	128.95	0.1			0.1
128.95	130.00	0.6			0.6
130.00	134.00	0.2			0.2
134.00	135.25	0.1			0.1
135.25	136.30	0.1	0.1		1.0
		1.0			
136.30	137.00				
137.00	137.65				
137.65	138.15				
138.15	139.80				
139.80	140.70	0.5			0.5
140.70	144.00	0.6		0.1	0.5
		1.0		0.5	0.5
144.00	151.00	0.6		0.1	0.5
		0.7	0.1	0.1	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
125.00	127.00	2.00	H741414	0.0042	0.004	76	72	0.002	0.250	21	115	2.61
127.00	128.95	1.95	H741415	0.0017	0.002	6	58	0.002	0.250	18	122	
128.95	130.00	1.05	H741416	0.0364	0.037	12	73	0.003	0.250	17	99	
130.00	132.00	2.00	H741417	0.0160	0.011	15	65	0.002	0.250	24	78	
132.00	134.00	2.00	H741418	0.0148	0.012	69	54	0.003	0.250	27	90	
134.00	135.25	1.25	H741419	0.0133	0.010	216	142	0.003	0.250	45	114	
135.25	136.30	1.05	H741421	0.0713	0.064	298	542	0.007	0.250	79	783	2.95
136.30	138.15	1.85	H741422	0.0105	0.008	117	307	0.002	0.250	52	489	
138.15	139.80	1.65	H741423	0.0464	0.044	136	819	0.004	0.250	119	1570	
139.80	140.70	0.90	H741424	0.0016	0.002	56	105	0.002	0.250	32	208	
140.70	143.00	2.30	H741425	0.0637	0.061	278	893	0.005	0.250	117	1610	
143.00	145.00	2.00	H741426	0.0788	0.076	228	892	0.006	0.250	117	1670	
145.00	147.00	2.00	H741427	0.0716	0.071	184	976	0.006	0.250	125	2000	2.95
147.00	149.00	2.00	H741428	0.0781	0.075	220	956	0.006	0.250	129	2060	
149.00	151.00	2.00	H741429	0.2190	0.220	514	1060	0.015	0.250	127	2140	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

Lithology From m	To m	Code	Rock description
144.00	151.00	Mgm	Gabbro - Melanocratic
151.00	161.00		Peridotite
161.00	247.00	Upd	Peridotite

From m	To m	Sulphide %	Cpy %	Po %	Py %
144.00	151.00	0.7	0.1	0.1	0.5
151.00	161.00	1.1	0.5	0.1	0.5
		4.0	0.5	3.0	0.5
		0.7	0.5	0.1	0.1
		3.6	0.5	3.0	0.1
		0.7	0.5	0.1	0.1
		0.3	0.1	0.1	0.1
161.00	247.00	0.7	0.1	0.5	0.1
		1.1	0.5	0.5	0.1
		0.1			0.1
		0.3	0.1	0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H741429	0.2190	0.220	514	1060	0.015	0.250	127	2140	
151.00	153.00	2.00	H741431	0.3160	0.306	736	1175	0.020	0.250	126	2290	
153.00	155.00	2.00	H741432	0.1700	0.155	382	1080	0.012	0.250	126	2380	
155.00	157.00	2.00	H741433	0.1420	0.130	302	1065	0.010	0.250	128	2390	2.96
157.00	159.00	2.00	H741434	0.1250	0.110	275	1120	0.009	0.250	135	2630	
159.00	161.00	2.00	H741435	0.1320	0.120	297	1080	0.009	0.250	126	2480	
161.00	163.00	2.00	H741436	0.1790	0.164	385	1230	0.012	0.250	138	2790	
163.00	165.00	2.00	H741437	0.0850	0.070	241	1195	0.006	0.250	141	2900	
165.00	167.00	2.00	H741438	0.1140	0.109	291	1285	0.009	0.250	144	2970	2.99
167.00	169.00	2.00	H741439	0.0852	0.070	214	1270	0.007	0.250	142	3260	
169.00	171.00	2.00	H741441	0.1130	0.103	281	1315	0.011	0.250	143	3250	
171.00	173.00	2.00	H741442	0.1320	0.116	288	1490	0.010	0.250	152	3240	
173.00	175.00	2.00	H741443	0.1060	0.101	264	1420	0.008	0.250	148	3410	
175.00	177.00	2.00	H741444	0.1330	0.125	352	1420	0.011	0.250	147	3240	2.98
177.00	179.00	2.00	H741445	0.0797	0.075	204	1340	0.007	0.250	140	3050	
179.00	181.00	2.00	H741446	0.1070	0.097	234	1290	0.009	0.250	130	2860	

Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
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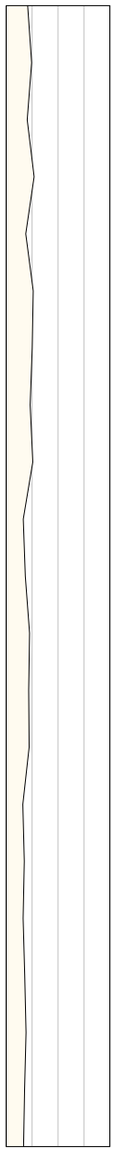
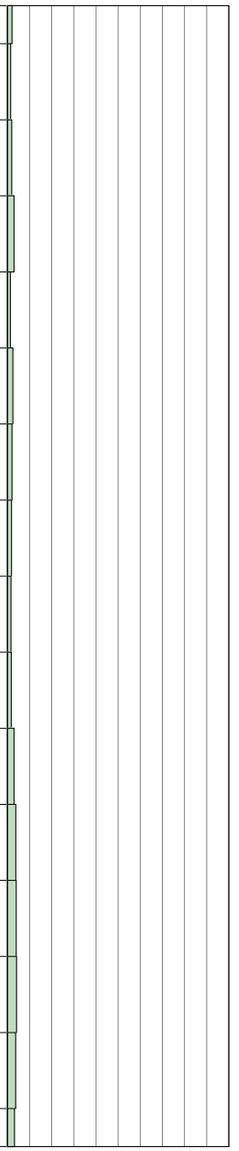
Final Depth: 309.15

Lithology From m	To m	Code	Rock description
161.00	247.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.3	0.1	0.1	0.1
0.7	0.1	0.5	0.1
0.8	0.1	0.5	0.1
0.7	0.1	0.5	0.1
1.2	0.1	1.0	0.1
0.7	0.1	0.5	0.1
1.8	0.1	1.5	0.1
0.7	0.1	0.5	0.1
1.7	0.1	1.5	0.1
0.7	0.1	0.5	0.1
2.7	0.5	2.0	0.1
1.6	0.5	1.0	0.1
0.6	0.1	0.5	
0.5		0.5	
0.9		0.9	
0.5		0.5	
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H741446	0.1070	0.097	234	1290	0.009	0.250	130	2860	
181.00	183.00	2.00	H741447	0.0798	0.069	142	1350	0.005	0.250	144	3320	
183.00	185.00	2.00	H741448	0.1000	0.091	233	1350	0.006	0.250	146	3280	
185.00	187.00	2.00	H741449	0.1520	0.144	347	1450	0.012	0.250	155	3190	2.98
187.00	189.00	2.00	H741450	0.0707	0.064	162	1430	0.005	0.250	157	3360	
189.00	191.00	2.00	H741451	0.1270	0.121	353	1460	0.009	0.250	150	3250	
191.00	193.00	2.00	H741452	0.1120	0.094	270	1390	0.007	0.250	151	3200	
193.00	195.00	2.00	H741453	0.0975	0.085	237	1450	0.007	0.250	149	3410	
195.00	197.00	2.00	H741454	0.0834	0.073	217	1470	0.007	0.250	156	3450	2.94
197.00	199.00	2.00	H741455	0.0924	0.079	204	1460	0.006	0.250	150	3610	
199.00	201.00	2.00	H741456	0.1600	0.139	299	1480	0.009	0.250	144	3470	
201.00	203.00	2.00	H741457	0.1980	0.182	360	1390	0.012	0.250	138	3210	
203.00	205.00	2.00	H741458	0.2120	0.187	404	1500	0.013	0.250	139	3320	
205.00	207.00	2.00	H741459	0.2160	0.195	428	1590	0.012	0.250	147	3690	2.96
207.00	209.00	2.00	H741461	0.1950	0.174	480	1770	0.012	0.250	153	4150	
209.00	211.00	2.00	H741462	0.1810	0.137	274	1650	0.010	0.250	151	4180	



Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

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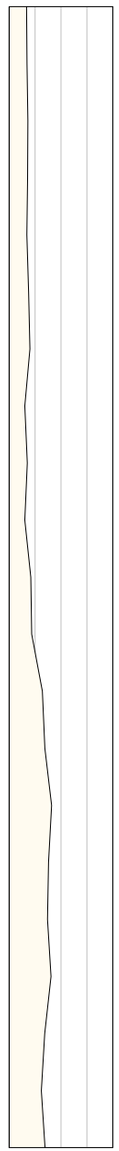
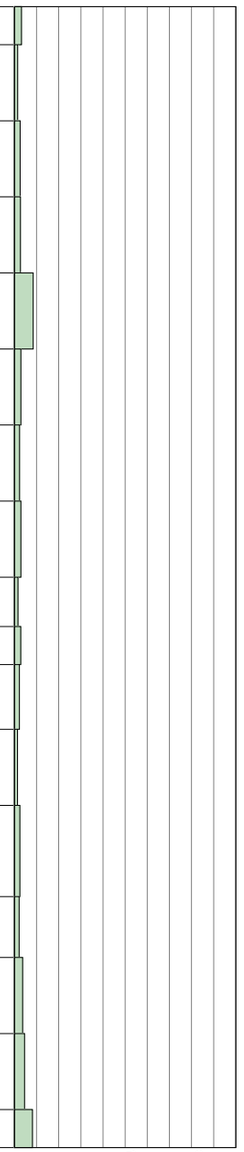
Lithology From m	To m	Code	Rock description
161.00	247.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
3.0	1.0	2.0	
0.5		0.5	
3.5	0.5	3.0	
1.4	0.5	0.9	
3.5	0.5	3.0	
0.5		0.5	
0.6		0.5	0.1
0.1			0.1
2.1		0.5	2.1
0.6			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H741462	0.1810	0.137	274	1650	0.010	0.250	151	4180	
211.00	213.00	2.00	H741463	0.0830	0.064	156	1460	0.005	0.250	141	3630	
213.00	215.00	2.00	H741464	0.1390	0.119	247	1510	0.008	0.250	148	3610	
215.00	217.00	2.00	H741465	0.1450	0.124	272	1370	0.008	0.250	146	3280	2.95
217.00	219.00	2.00	H741466	0.4390	0.410	910	1650	0.027	0.250	147	3090	
219.00	221.00	2.00	H741467	0.1540	0.139	340	1470	0.010	0.250	145	3270	
221.00	223.00	2.00	H741468	0.1220	0.108	247	1530	0.008	0.250	148	3430	
223.00	225.00	2.00	H741469	0.1540	0.136	349	1570	0.010	0.250	153	3510	
225.00	226.30	1.30	H741471	0.0870	0.072	184	1390	0.006	0.250	147	3380	2.98
226.30	227.30	1.00	H741472	0.1510	0.132	313	1360	0.011	0.250	138	2970	
227.30	229.00	1.70	H741473	0.1230	0.105	248	1340	0.008	0.250	141	2990	
229.00	231.00	2.00	H741474	0.0747	0.062	169	1340	0.005	0.250	146	3130	
231.00	233.40	2.40	H741475	0.1270	0.116	291	1350	0.009	0.250	135	2800	
233.40	235.00	1.60	H741476	0.1160	0.098	254	1450	0.008	0.250	147	3350	2.88
235.00	237.00	2.00	H741477	0.1960	0.176	432	1470	0.014	0.250	142	3190	
237.00	239.00	2.00	H741478	0.2370	0.218	588	1550	0.016	0.500	147	3330	
239.00	241.00	2.00	H741479	0.4250	0.389	910	1610	0.027	0.500	144	3240	



Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

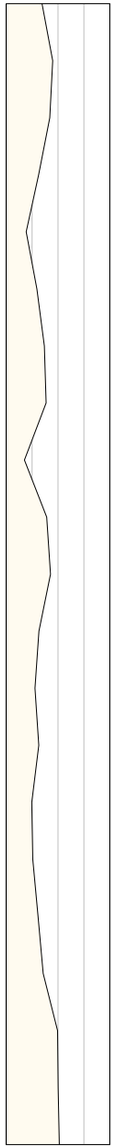
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

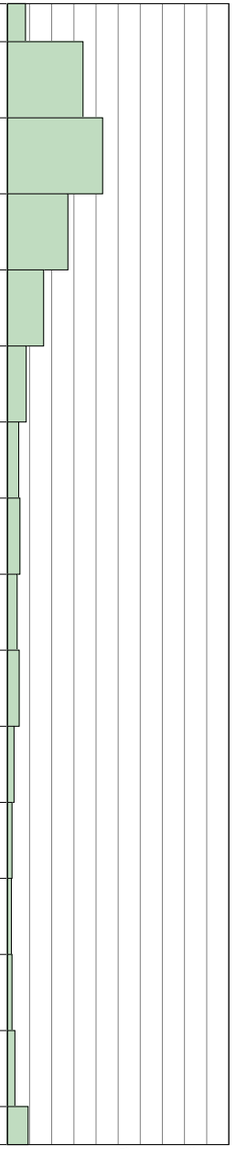
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

Lithology From m	To m	Code	Rock description
161.00	247.00	Upd	Peridotite
247.00	263.00	Upd	Peridotite
263.00	276.55	Mgm	Gabbro - Melanocratic



From m	To m	Sulphide %	Cpy %	Po %	Py %
161.00	247.00	0.6		0.5	0.1
		2.0	0.9	1.0	
		0.4	0.1	0.1	0.1
		0.5	0.1	0.2	0.1
		0.4	0.1	0.1	0.1
247.00	263.00				
		0.5		0.5	
		0.1		0.1	
263.00	276.55	0.7	0.1	0.5	0.1
		7.5	2.0	5.0	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H741479	0.4250	0.389	910	1610	0.027	0.500	144	3240	
241.00	243.00	2.00	H741481	1.7600	1.650	3750	2670	0.110	2.100	178	3450	
243.00	245.00	2.00	H741482	2.2300	2.070	4820	3240	0.140	2.700	198	3330	
245.00	247.00	2.00	H741483	1.4200	1.310	2880	2490	0.090	1.600	172	3720	2.99
247.00	249.00	2.00	H741484	0.8500	0.782	1945	2200	0.055	1.100	158	3940	
249.00	251.00	2.00	H741485	0.4510	0.394	1060	1960	0.030	0.500	151	4090	
251.00	253.00	2.00	H741486	0.2720	0.238	546	1720	0.018	0.250	148	3860	
253.00	255.00	2.00	H741487	0.2960	0.263	676	1650	0.020	0.250	145	3660	
255.00	257.00	2.00	H741488	0.2290	0.208	559	1540	0.016	0.250	144	3410	2.93
257.00	259.00	2.00	H741489	0.2780	0.249	691	1660	0.019	0.250	148	3530	
259.00	261.00	2.00	H741490	0.1570	0.140	426	1420	0.012	0.250	139	3330	
261.00	263.00	2.00	H741491	0.1120	0.096	339	1350	0.008	0.250	134	3210	
263.00	265.00	2.00	H741492	0.0988	0.079	257	1195	0.008	0.250	127	2920	
265.00	267.00	2.00	H741493	0.1090	0.093	308	1225	0.009	0.250	130	2900	2.98
267.00	269.00	2.00	H741494	0.1760	0.160	443	1195	0.013	0.250	125	2720	
269.00	270.00	1.00	H741495	0.4890	0.444	1060	1395	0.029	0.700	129	2590	2.92



Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

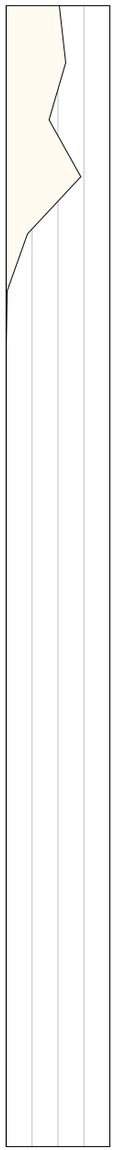
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

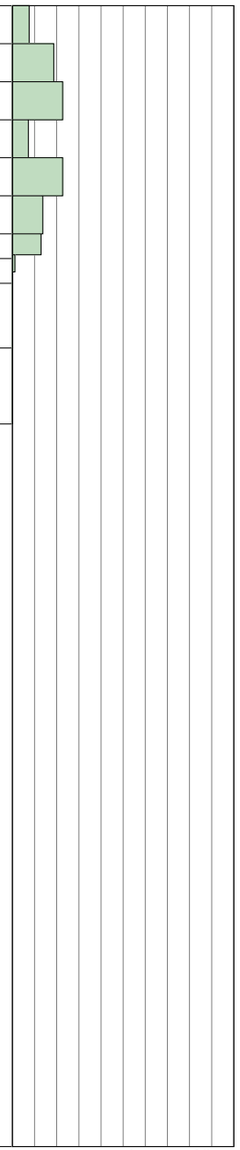
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

Lithology From m	To m	Code	Rock description
263.00	276.55	Mgm	Gabbro - Melanocratic
276.55	280.20	Sx	Breccia
280.20	280.70	V	Vein
280.70	309.15	Spt	Siltstone



Sulphide %	Cpy %	Po %	Py %
7.5	2.0	5.0	0.5
22.5	7.0	15.0	0.5
7.5	2.0	5.0	0.5
8.0	2.0	5.0	1.0
3.9	0.9	0.5	2.5
1.5			1.5
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	271.00	1.00	H741496	0.3950	0.361	824	1255	0.026	0.250	122	2440	2.91
271.00	272.00	1.00	H741497	0.9430	0.923	2010	1840	0.052	1.000	142	2420	2.92
272.00	273.00	1.00	H741498	1.1900	1.080	2300	1580	0.080	1.600	130	2130	2.97
273.00	274.00	1.00	H741499	0.3700	0.349	959	1080	0.025	0.500	112	1850	
274.00	275.00	1.00	H065451	1.1800	1.090	2590	1725	0.070	1.500	130	1680	
275.00	276.00	1.00	H065452	0.7270	0.643	1675	1140	0.053	0.600	122	1570	
276.00	276.55	0.55	H065453	0.6850	0.605	2040	968	0.049	0.500	69	1270	
276.55	277.00	0.45	H065454	0.0526	0.059	132	128	0.017	0.250	22	142	
277.00	279.00	2.00	H065455	0.0070	0.007	59	66	0.002	0.250	20	117	
279.00	281.00	2.00	H065456	0.0038	0.003	66	63	0.002	0.250	16	96	



Hole Number: BL09-131

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/07/2009
End Date: 23/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

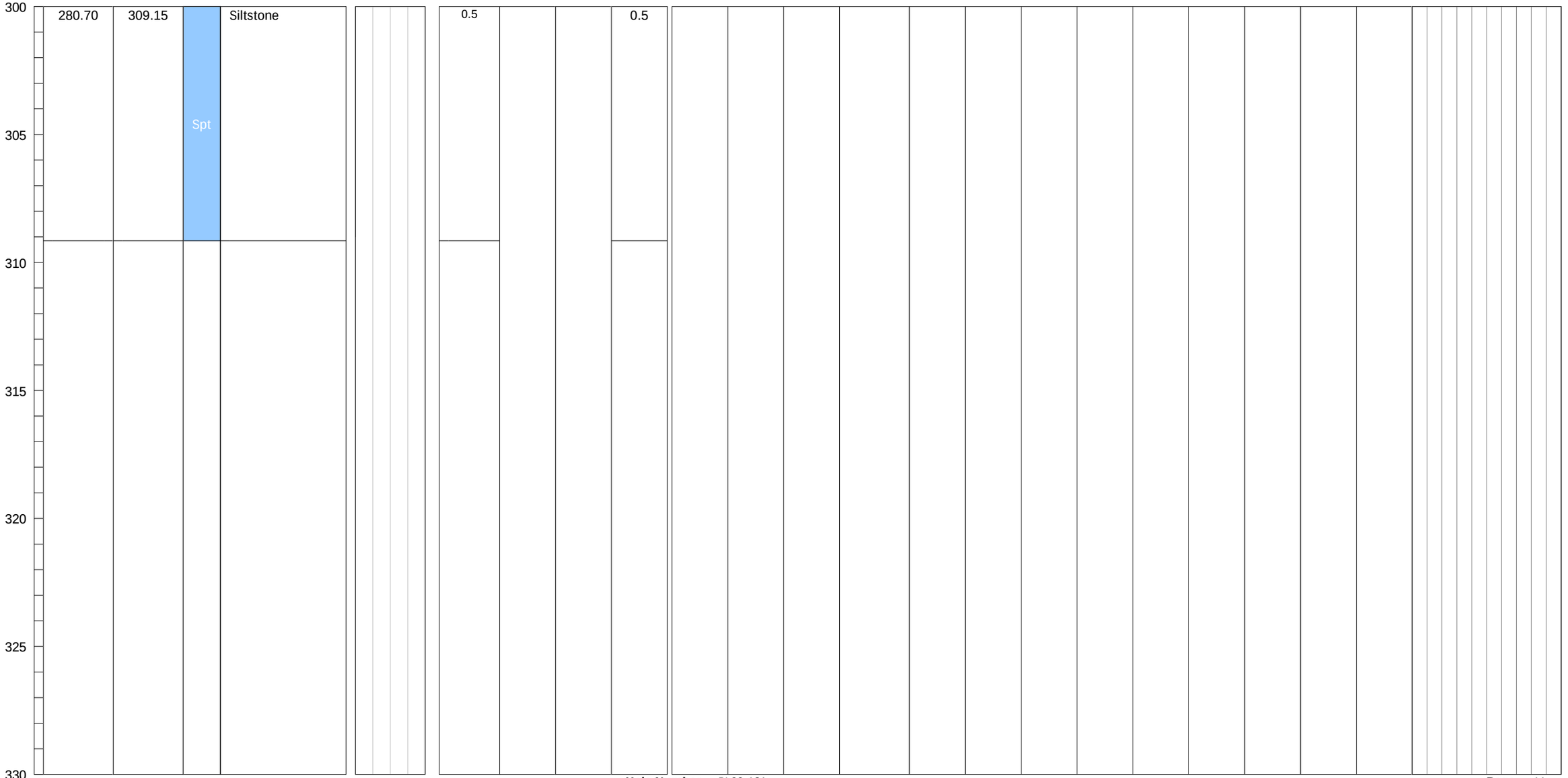
Coordinates (NAD 83, Zone 16)

Northing: 5402347.50
Easting: 358399.99
Elevation: 473.59

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 309.15

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
280.70	309.15	Spt	Siltstone		0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10



Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

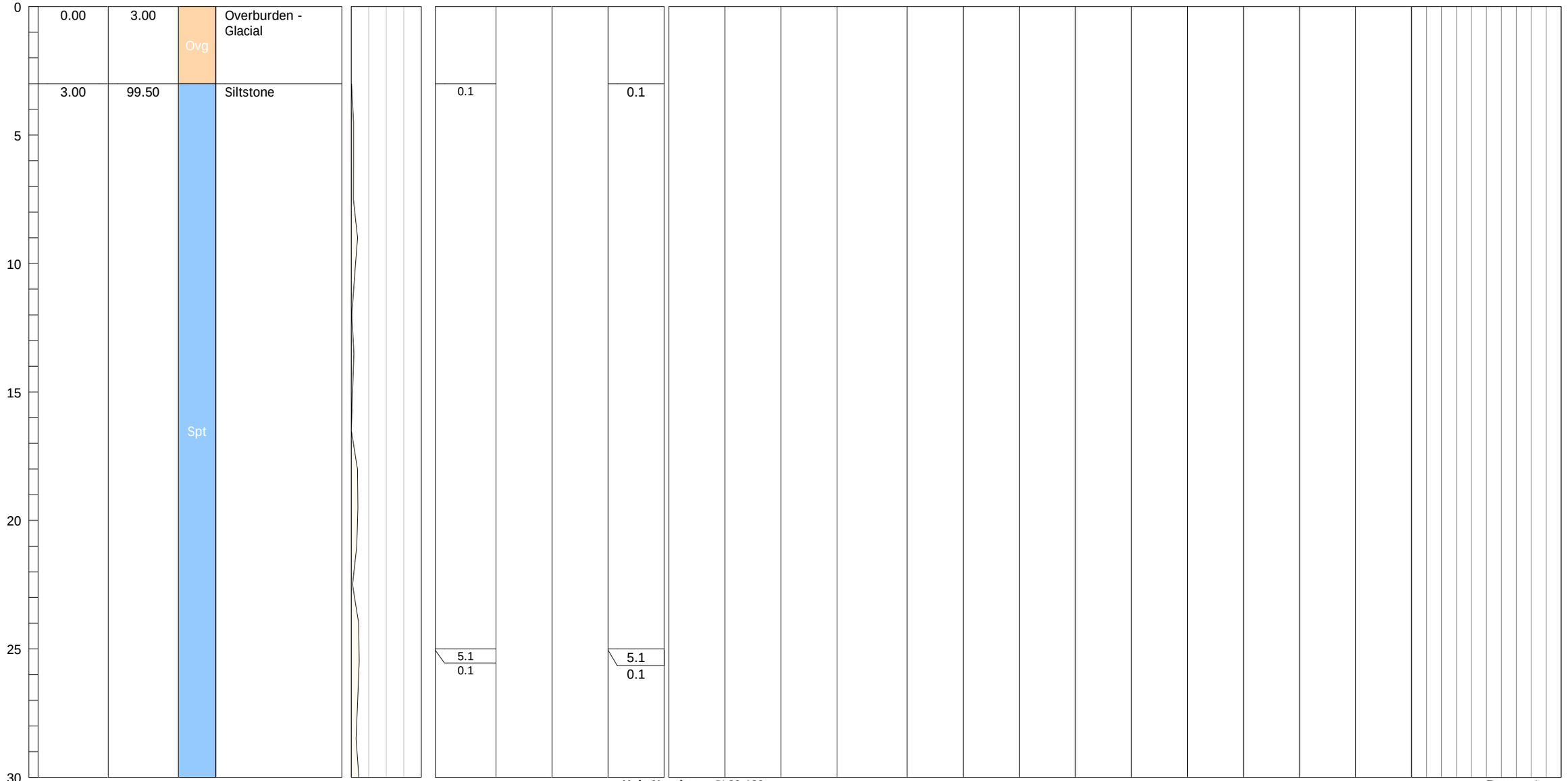
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

From m	To m	Code	Rock description
0.00	3.00	Ovg	Overburden - Glacial
3.00	99.50	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm)
0 2 4 6 8 10

Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
3.00	99.50	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

30 35 40 45 50 55 60

Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
3.00	99.50	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

60 65 70 75 80 85 90

Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology From m	To m	Code	Rock description
3.00	99.50	Spt	Siltstone
99.50	102.25	Fg	Granite - Undifferentiated
102.25	102.75	Spt	Siltstone
102.75	109.00	Fg	Granite - Undifferentiated
109.00	109.70	Spt	Siltstone
109.70	117.00	Fg	Granite - Undifferentiated
117.00	119.00	Spt	Siltstone
119.00	119.50	Fg	Granite - Undifferentiated
119.50	135.90	Spt	Siltstone

Magsus 0 100 200

Sulphide % 0.1

Cpy % | Po % | Py % 0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

From m	To m	Code	Rock description
119.50	135.90	Spt	Siltstone
135.90	136.80	Hr	Hybrid Classic Red
136.80	139.40	Hr	Hybrid Classic Red
139.40	140.80	Hr	Hybrid Classic Red
140.80	143.30	Hr	Hybrid Classic Red
143.30	147.00	Upd	Peridotite
147.00	148.20	Mgvt	Gabbro - VariTextured
148.20	258.00	Upd	Peridotite

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
119.50	0.1			0.1
135.90	1.1			1.1
136.80	0.1			0.1
139.40	0.6			0.6
140.80	0.5			0.5
143.30	0.6		0.5	0.1
147.00	1.0			1.0
148.20	1.0		0.5	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
132.00	134.00	2.00	H741501	0.0022	0.002	76	114	0.002	0.250	27	223	2.68
134.00	135.90	1.90	H741502	0.0057	0.006	161	96	0.003	0.250	22	176	2.89
135.90	137.30	1.40	H741503	0.0229	0.021	28	79	0.004	0.250	25	144	2.86
137.30	139.30	2.00	H741504	0.0075	0.004	1	31	0.002	0.250	22	110	2.68
139.30	141.30	2.00	H741505	0.0008	0.001	2	12	0.001	0.250	19	40	
141.30	143.30	2.00	H741506	0.0193	0.011	136	76	0.004	0.250	31	49	2.62
143.30	145.00	1.70	H741507	0.0646	0.061	292	621	0.007	0.250	92	1080	
145.00	147.00	2.00	H741508	0.0440	0.041	175	748	0.005	0.250	111	1430	
147.00	148.20	1.20	H741509	0.0005	0.001	70	84	0.001	0.250	33	151	
148.20	150.00	1.80	H741511	0.0470	0.041	236	843	0.004	0.250	117	1580	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

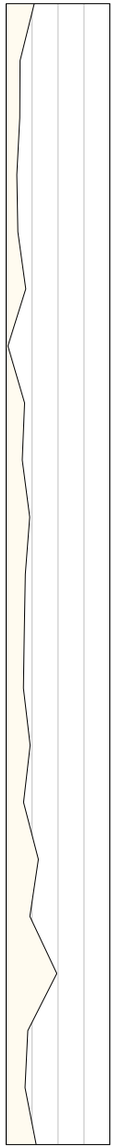
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

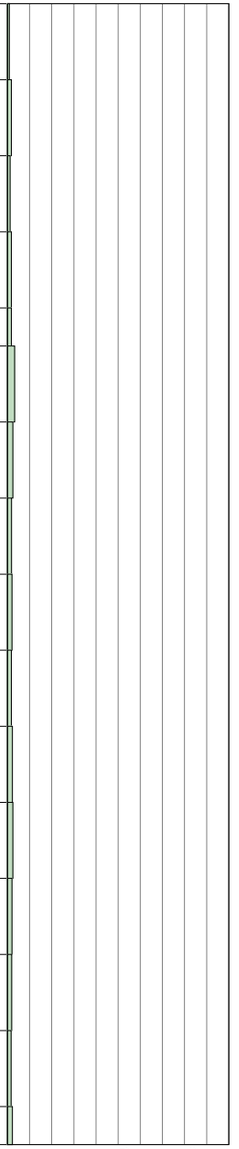
Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology From m	To m	Code	Rock description
148.20	258.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
1.0		0.5	0.5
0.2		0.1	0.1
1.0			1.0
0.1			0.1
1.1		1.0	0.1
2.1		2.0	0.1
0.6		0.5	0.1
0.7	0.1	0.5	0.1
0.3	0.1	0.1	0.1
0.2		0.1	0.1
0.6	0.1	0.5	0.1
1.1		0.5	0.5
1.0		0.5	0.5
2.0		2.0	
1.0		1.0	
0.5		0.5	
1.0		1.0	
1.1	0.1	0.5	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H741512	0.0428	0.042	175	842	0.003	0.250	115	1810	
152.00	154.00	2.00	H741513	0.0924	0.088	285	943	0.008	0.250	117	1860	2.95
154.00	156.00	2.00	H741514	0.0662	0.053	186	939	0.004	0.250	125	2120	
156.00	158.00	2.00	H741515	0.0888	0.087	257	1030	0.006	0.250	128	2210	
158.00	159.00	1.00	H741516	0.0909	0.088	290	941	0.007	0.250	128	2100	
159.00	161.00	2.00	H741517	0.1670	0.156	501	940	0.013	0.250	110	1710	
161.00	163.00	2.00	H741518	0.1300	0.118	287	1080	0.010	0.500	127	2430	2.97
163.00	165.00	2.00	H741519	0.0965	0.087	228	1090	0.007	0.250	131	2530	
165.00	167.00	2.00	H741521	0.1110	0.097	216	1080	0.008	0.250	130	2550	
167.00	169.00	2.00	H741522	0.0934	0.088	222	1095	0.007	0.250	128	2560	
169.00	171.00	2.00	H741523	0.1155	0.111	257	1125	0.007	0.250	133	2680	
171.00	173.00	2.00	H741524	0.1305	0.115	318	1130	0.008	0.250	137	2690	2.95
173.00	175.00	2.00	H741525	0.1115	0.094	245	1215	0.007	0.250	140	2850	
175.00	177.00	2.00	H741526	0.1005	0.090	226	1260	0.007	0.250	141	3010	
177.00	179.00	2.00	H741527	0.0870	0.076	199	1325	0.006	0.250	148	3320	
179.00	181.00	2.00	H741528	0.1180	0.104	304	1350	0.008	0.250	152	3430	



Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

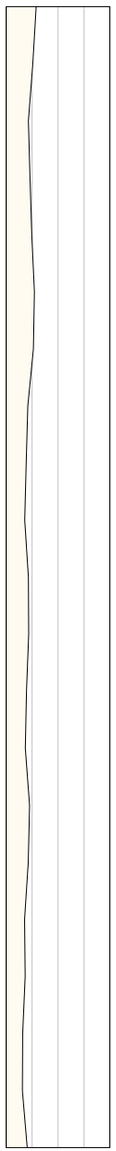
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

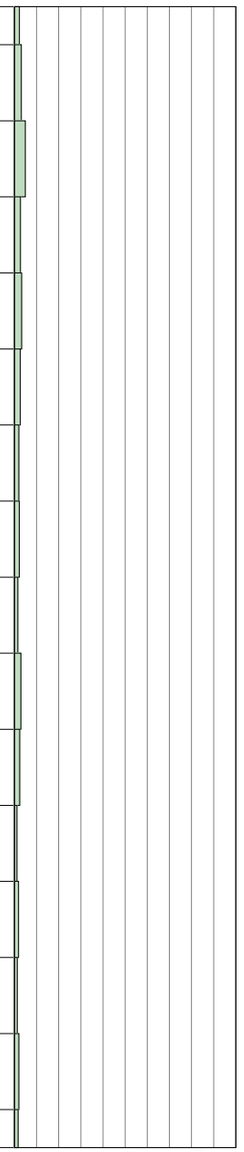
Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology From m	To m	Code	Rock description
148.20	258.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
2.5		2.0	0.5
1.4		0.5	0.9
1.0		0.5	0.5
1.9	0.5	0.5	0.9
1.5	0.1	0.9	0.5
1.1	0.1	0.5	0.5
1.0		0.5	0.5
1.5	0.5	0.9	0.1
0.6		0.5	0.1
1.0		0.9	0.1
0.6		0.5	0.1
2.1		2.0	0.1
0.6		0.5	0.1
2.1		2.0	0.1
1.0		0.9	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H741528	0.1180	0.104	304	1350	0.008	0.250	152	3430	
181.00	183.00	2.00	H741529	0.1630	0.147	399	1430	0.010	0.250	152	3130	2.97
183.00	185.00	2.00	H741531	0.2600	0.232	639	1580	0.017	1.200	158	3230	2.98
185.00	187.00	2.00	H741532	0.1425	0.129	352	1440	0.010	0.600	161	3060	
187.00	189.00	2.00	H741533	0.1710	0.150	356	1390	0.012	0.250	146	3010	
189.00	191.00	2.00	H741534	0.1415	0.125	320	1395	0.010	0.250	148	2820	
191.00	193.00	2.00	H741535	0.1090	0.092	249	1425	0.013	0.250	147	3320	
193.00	195.00	2.00	H741536	0.1180	0.099	225	1320	0.008	0.250	139	3030	
195.00	197.00	2.00	H741537	0.0838	0.069	191	1360	0.006	0.250	151	3190	
197.00	199.00	2.00	H741538	0.1475	0.144	349	1390	0.010	0.900	148	2880	
199.00	201.00	2.00	H741539	0.1265	0.111	286	1370	0.009	0.600	146	3000	
201.00	203.00	2.00	H741540	0.0606	0.054	130	1355	0.005	0.250	149	3240	2.92
203.00	205.00	2.00	H741541	0.0989	0.087	224	1345	0.008	0.600	142	2950	
205.00	207.00	2.00	H741542	0.0685	0.057	154	1335	0.005	0.600	141	2920	
207.00	209.00	2.00	H741543	0.1080	0.093	262	1405	0.009	1.000	143	3140	
209.00	211.00	2.00	H741544	0.0863	0.076	186	1320	0.006	0.500	136	3220	



Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

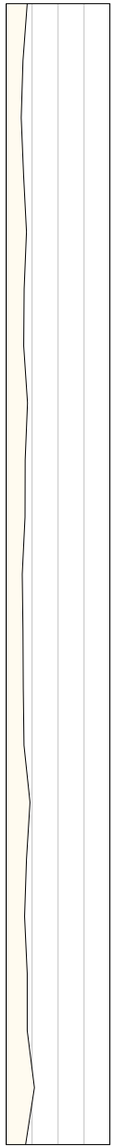
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

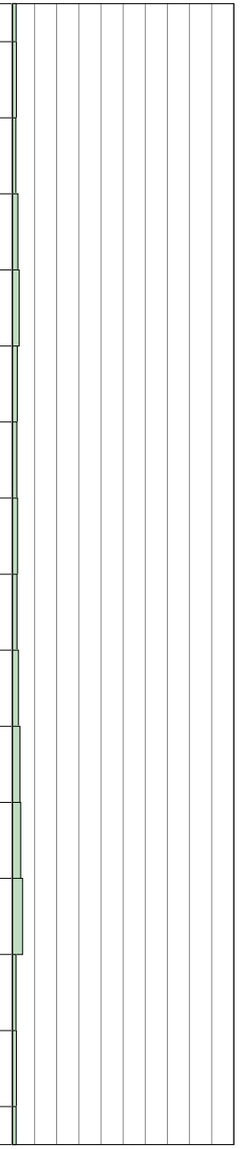
Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology From m	To m	Code	Rock description
148.20	258.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
209.00	211.00	1.0		0.9	0.1
211.00	213.00	0.6		0.5	0.1
213.00	215.00	1.2	0.1	0.9	0.1
215.00	217.00	0.8	0.1	0.5	0.1
217.00	219.00	2.3	0.1	2.0	0.1
219.00	221.00	0.8	0.1	0.5	0.1
221.00	223.00	1.2	0.1	0.5	0.1
223.00	225.00	0.8	0.1	0.5	0.1
225.00	227.00				
227.00	229.00	1.3	0.1	1.0	0.1
229.00	231.00	0.8	0.1	0.5	0.1
231.00	233.00	2.3	0.1	2.0	0.1
233.00	235.00	0.8	0.1	0.5	0.1
235.00	237.00	0.7	0.1	0.5	0.1
237.00	239.00				
239.00	241.00	0.7	0.1	0.5	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H741544	0.0863	0.076	186	1320	0.006	0.500	136	3220	
211.00	213.00	2.00	H741545	0.0970	0.084	154	1420	0.006	0.600	144	3420	2.91
213.00	215.00	2.00	H741546	0.0802	0.069	136	1380	0.006	0.250	140	3300	
215.00	217.00	2.00	H741547	0.1320	0.114	231	1490	0.007	0.250	144	3360	
217.00	219.00	2.00	H741548	0.1620	0.142	341	1565	0.010	0.250	143	3600	
219.00	221.00	2.00	H741549	0.1215	0.099	264	1605	0.009	0.250	143	3900	
221.00	223.00	2.00	H741551	0.1130	0.086	203	1525	0.007	0.250	143	3720	2.93
223.00	225.00	2.00	H741552	0.1255	0.103	241	1500	0.009	0.250	142	3440	
225.00	227.00	2.00	H741553	0.1100	0.094	174	1495	0.007	0.600	147	3210	
227.00	229.00	2.00	H741554	0.1485	0.126	245	1350	0.009	0.250	139	2980	
229.00	231.00	2.00	H741555	0.1775	0.160	353	1400	0.011	0.250	142	2910	
231.00	233.00	2.00	H741556	0.1915	0.178	464	1405	0.013	0.800	137	2830	2.90
233.00	235.00	2.00	H741557	0.2390	0.219	509	1520	0.016	1.000	144	3020	
235.00	237.00	2.00	H741558	0.0907	0.070	170	1410	0.006	0.250	146	3210	
237.00	239.00	2.00	H741559	0.0939	0.082	192	1355	0.006	0.250	141	2790	
239.00	241.00	2.00	H741561	0.0878	0.075	183	1335	0.006	0.250	145	2750	



Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology From m	To m	Code	Rock description
148.20	258.00	Upd	Peridotite
258.00	281.30	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.2	0.1	0.5	0.5
1.7	0.1	1.0	0.5
1.2	0.1	0.5	0.5
0.2		0.1	0.1
1.0		0.5	0.5
0.5		0.5	
0.2		0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H741561	0.0878	0.075	183	1335	0.006	0.250	145	2750	
241.00	243.00	2.00	H741562	0.1265	0.116	293	1315	0.009	0.600	140	2550	2.93
243.00	245.00	2.00	H741563	0.1195	0.102	259	1345	0.008	0.600	139	2780	
245.00	247.00	2.00	H741564	0.1005	0.087	252	1470	0.007	0.250	150	3300	
247.00	249.00	2.00	H741565	0.1155	0.102	265	1420	0.008	0.500	138	3150	
249.00	251.00	2.00	H741566	0.1145	0.099	270	1350	0.009	0.250	133	2900	
251.00	253.00	2.00	H741567	0.1110	0.093	256	1440	0.008	0.250	138	3090	2.87
253.00	255.00	2.00	H741568	0.1070	0.093	250	1435	0.007	0.500	136	3100	
255.00	257.00	2.00	H741569	0.2150	0.186	492	1535	0.014	0.250	139	3220	
257.00	259.00	2.00	H741571	0.1530	0.126	304	1465	0.012	0.800	138	3270	
259.00	261.00	2.00	H741572	0.1300	0.108	255	1405	0.008	0.250	132	3230	
261.00	263.00	2.00	H741573	0.1370	0.112	274	1475	0.009	0.800	135	3620	2.85
263.00	265.00	2.00	H741574	0.1285	0.103	265	1430	0.008	0.500	131	3360	
265.00	267.00	2.00	H741575	0.1385	0.120	327	1410	0.009	0.250	132	3110	
267.00	269.00	2.00	H741576	0.1295	0.121	345	1340	0.009	0.500	131	2920	
269.00	271.00	2.00	H741577	0.0753	0.068	215	1245	0.006	0.250	129	2870	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
258.00	281.30	Mgm	Gabbro - Melanocratic		3.1		3.0	0.1
					0.2		0.1	0.1
					0.3	0.1	0.1	0.1
					1.2	0.1	1.0	0.1
					3.6	0.5	3.0	0.1
					0.7	0.1	0.5	0.1
					2.6	0.5	2.0	0.1
281.30	282.20	Mgl	Gabbro - Leucocratic		6.5		0.5	3.0
282.20	282.50	Mgm	Gabbro - Melanocratic		1.5	0.5	0.5	0.5
282.50	296.00	Spt	Siltstone		0.5			0.5
296.00	298.50	Fx	Felsic breccia		0.6			0.6
298.50	324.00	F	Felsic Rock, Undivided		0.2			0.2

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
269.00	271.00	2.00	H741577	0.0753	0.068	215	1245	0.006	0.250	129	2870	
271.00	273.00	2.00	H741578	0.1015	0.091	272	1325	0.007	0.500	133	3180	2.96
273.00	275.00	2.00	H741579	0.0891	0.079	252	1185	0.006	0.500	121	2640	
275.00	277.00	2.00	H741580	0.1150	0.110	317	1170	0.008	0.250	123	2580	
277.00	278.00	1.00	H741581	0.2290	0.222	628	1270	0.016	0.700	124	2450	
278.00	279.00	1.00	H741582	0.0986	0.095	290	1050	0.008	0.600	116	2130	
279.00	280.00	1.00	H741583	0.1205	0.108	387	985	0.008	0.250	110	1870	
280.00	281.30	1.30	H741584	0.1145	0.108	344	941	0.008	0.500	109	1760	
281.30	282.50	1.20	H741585	0.0872	0.084	316	344	0.007	0.600	36	461	2.84
282.50	285.00	2.50	H741586	0.0044	0.005	4	555	0.001	0.250	19	828	
285.00	287.00	2.00	H741587	0.0040	0.004	2	459	0.001	0.250	18	827	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-132

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 23/07/2009
End Date: 25/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402347.19
Easting: 358400.01
Elevation: 473.43

Azimuth: 185.0°
Dip: -80.18°
Final Depth: 324.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
298.50	324.00	F	Felsic Rock, Undivided		0.2			0.2

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

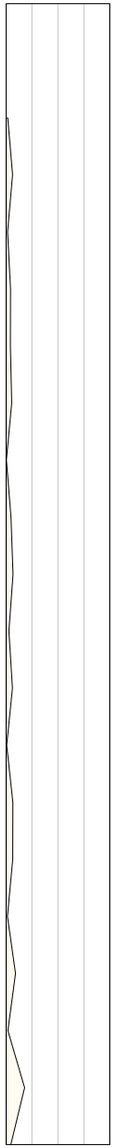
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

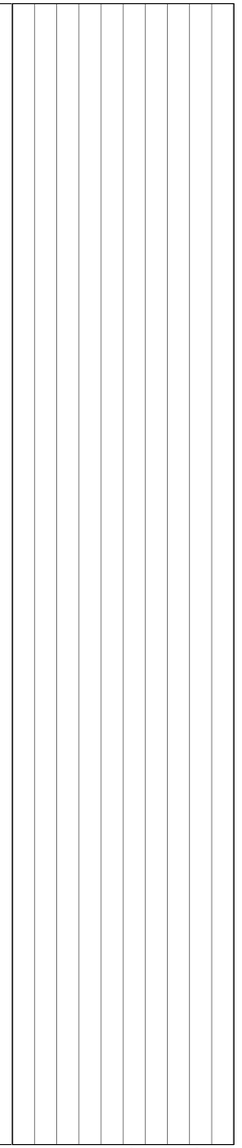
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
0.00	1.00	Ovg	Overburden - Glacial
1.00	39.85	Spt	Siltstone



From m	To m	Sulphide %	Cpy %	Po %	Py %
	1.00				
1.00	39.85	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm



Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
1.00	39.85	Spt	Siltstone
39.85	42.00	Fg	Granite - Undifferentiated
42.00	132.85	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
3.1			3.1
0.1			0.1
3.1			3.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

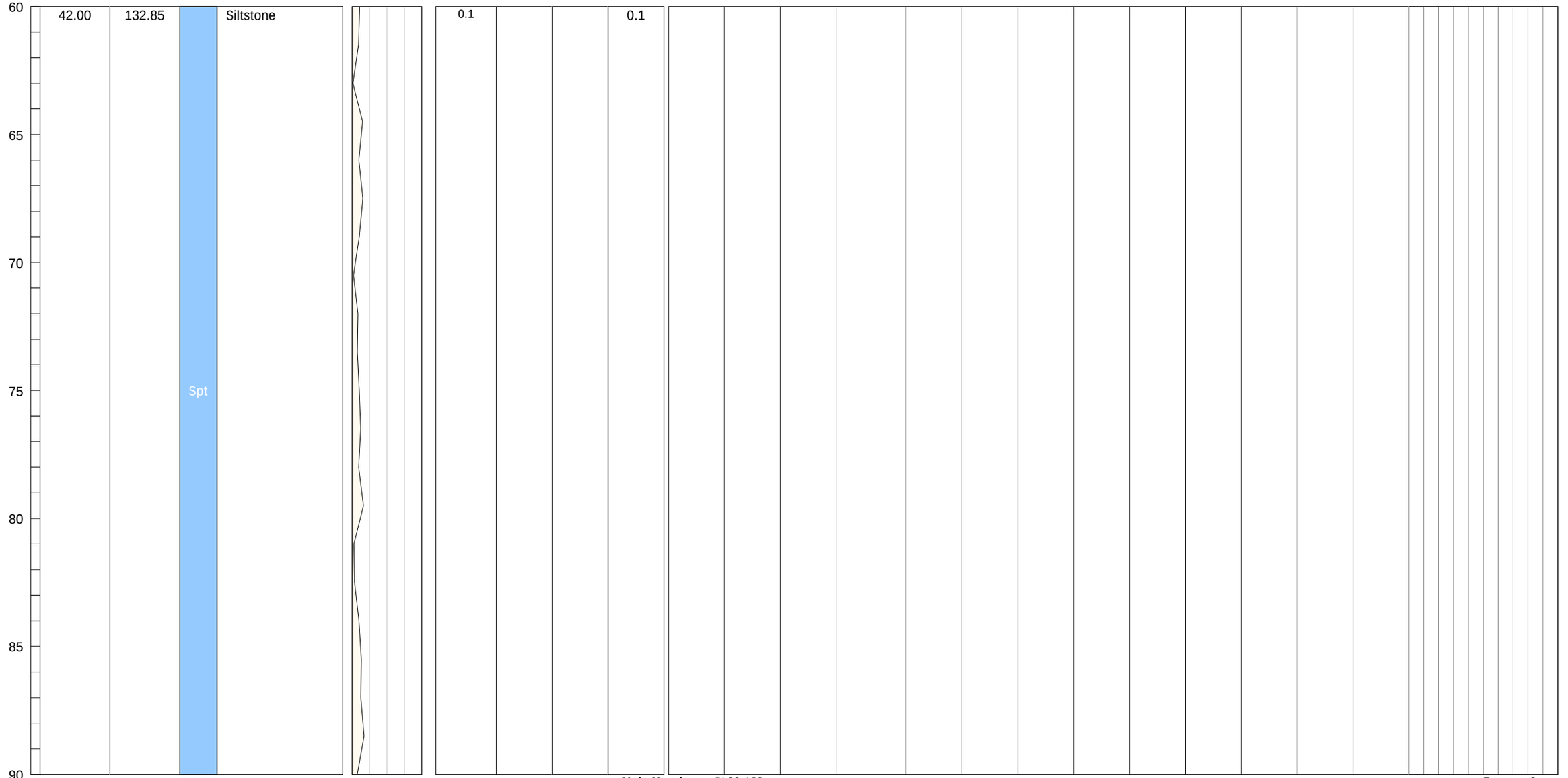
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

From m	To m	Code	Rock description
42.00	132.85	Spt	Siltstone



Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

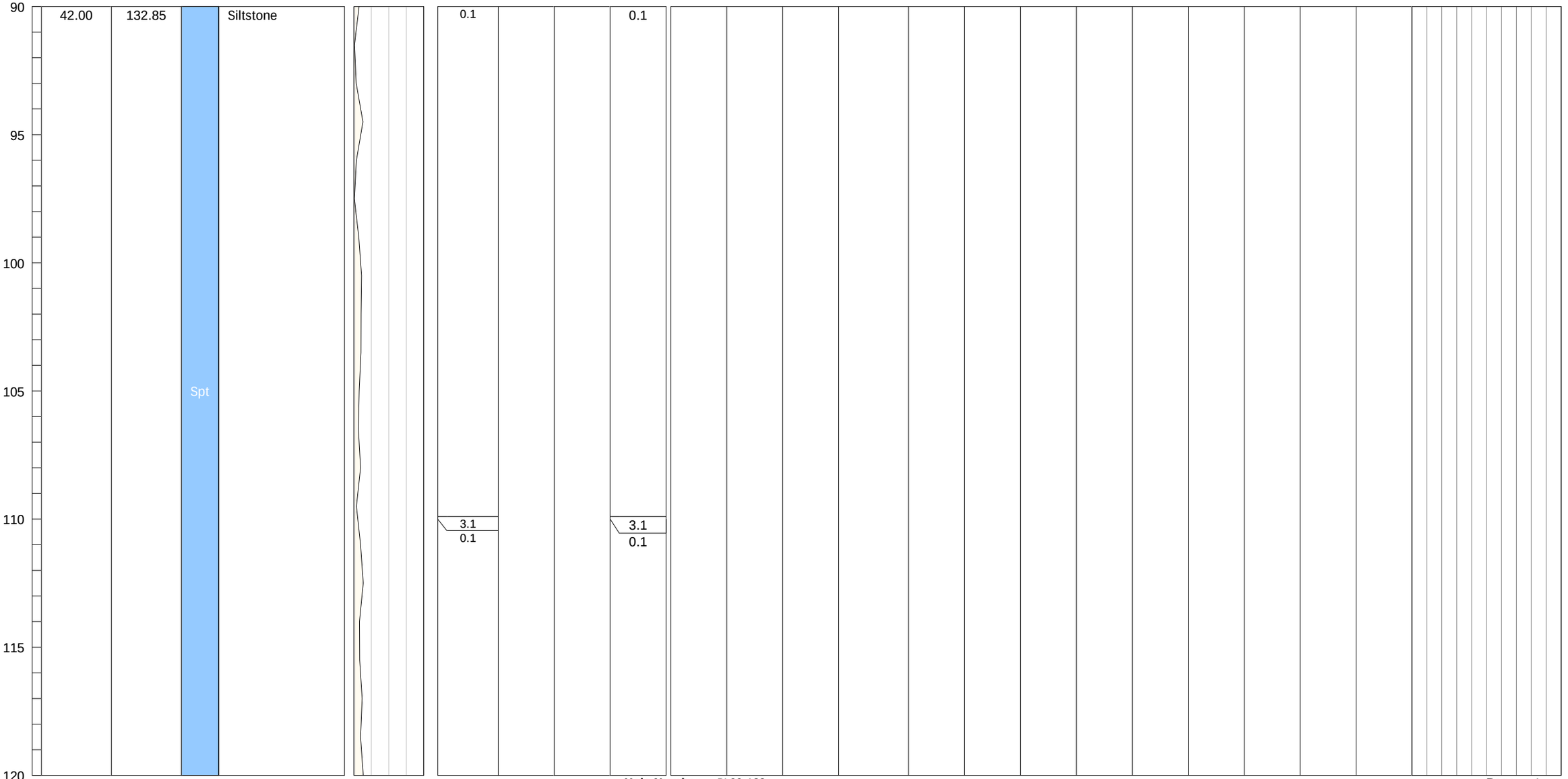
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
42.00	132.85	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
42.00	132.85	Spt	Siltstone
132.85	135.10	Hr	Hybrid Classic Red
135.10	139.90	Hr	Hybrid Classic Red
139.90	141.60	Upd	Peridotite
141.60	142.35	Mgvt	Gabbro - VariTextured
142.35	162.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.6			0.6
0.5	0.1	0.5	0.5
2.0			2.0
1.1			0.5
2.5			2.5
0.5		0.1	0.5
0.2			0.1
5.0		5.0	
1.6	0.5	0.1	0.5
1.1	0.5	0.1	0.5
4.4	0.9	3.0	0.5
2.0	0.5	1.0	0.5
3.6	0.1	3.0	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
129.00	131.00	2.00	H741588	0.0026	0.003	8	96	0.002	0.250	24	157	2.60
131.00	132.85	1.85	H741589	0.0014	0.001	7	60	0.001	0.250	14	95	
132.85	135.00	2.15	H741591	0.0188	0.017	11	62	0.003	0.250	14	100	
135.00	137.00	2.00	H741592	0.0033	0.003	41	40	0.001	0.250	24	59	
137.00	139.00	2.00	H741593	0.0031	0.002	62	36	0.001	0.250	26	53	
139.00	139.90	0.90	H741594	0.0030	0.002	156	108	0.001	0.250	43	103	2.87
139.90	141.60	1.70	H741595	0.0969	0.091	424	767	0.009	0.250	104	1010	
141.60	142.35	0.75	H741596	0.0016	0.001	137	101	0.001	0.250	32	175	
142.35	144.00	1.65	H741597	0.1710	0.157	543	768	0.013	0.700	104	1230	
144.00	146.00	2.00	H741598	0.3180	0.289	933	1075	0.026	0.800	128	1810	
146.00	148.00	2.00	H741599	0.6470	0.648	1215	1395	0.035	0.700	144	2000	
148.00	150.00	2.00	H741601	0.2120	0.218	551	1095	0.013	0.250	128	2190	2.95

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
142.35	162.00		Peridotite
162.00	229.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.1	0.9	0.5
3.6	0.1	3.0	0.5
1.5	0.5	0.5	0.5
2.0	0.5	0.5	0.5
1.5	0.5		0.5
1.9	0.5		0.5
0.2	0.1		0.1
1.4	0.9		0.5
1.5	0.9	0.1	0.5
1.1	0.5	0.1	0.5
4.0	0.5	3.0	0.5
1.6	0.5	0.9	0.1
1.2	0.5	0.1	0.5
0.4	0.1	0.1	0.1
3.3	0.1	3.0	0.1
0.4	0.1	0.1	0.1
1.4	0.1	1.1	0.1
0.4	0.1	0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H741602	0.1530	0.154	400	993	0.010	0.250	127	2230	
152.00	154.00	2.00	H741603	0.3170	0.324	881	1235	0.020	0.500	135	2430	
154.00	156.00	2.00	H741604	0.2990	0.288	683	1215	0.018	0.600	131	2600	
156.00	158.00	2.00	H741605	0.1660	0.155	436	1155	0.012	0.250	126	2380	
158.00	160.00	2.00	H741606	0.0560	0.056	208	1115	0.005	0.250	131	2490	2.98
160.00	162.00	2.00	H741607	0.0801	0.074	223	1175	0.013	0.250	133	2610	
162.00	164.00	2.00	H741608	0.0841	0.079	222	1180	0.006	0.250	135	2540	
164.00	166.00	2.00	H741609	0.1235	0.119	297	1235	0.008	0.250	140	3060	
166.00	168.00	2.00	H741611	0.1030	0.093	237	1250	0.009	0.500	142	2990	
168.00	170.00	2.00	H741612	0.0475	0.041	115	1265	0.004	0.250	146	3130	3.00
170.00	172.00	2.00	H741613	0.0861	0.076	192	1230	0.006	0.250	141	3040	
172.00	174.00	2.00	H741614	0.0715	0.057	148	1315	0.005	0.250	147	3210	
174.00	176.00	2.00	H741615	0.0868	0.075	148	1350	0.005	0.250	153	3290	
176.00	178.00	2.00	H741616	0.1050	0.089	216	1350	0.007	0.250	153	3310	
178.00	180.00	2.00	H741617	0.1485	0.133	328	1400	0.010	0.250	156	3300	2.99

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

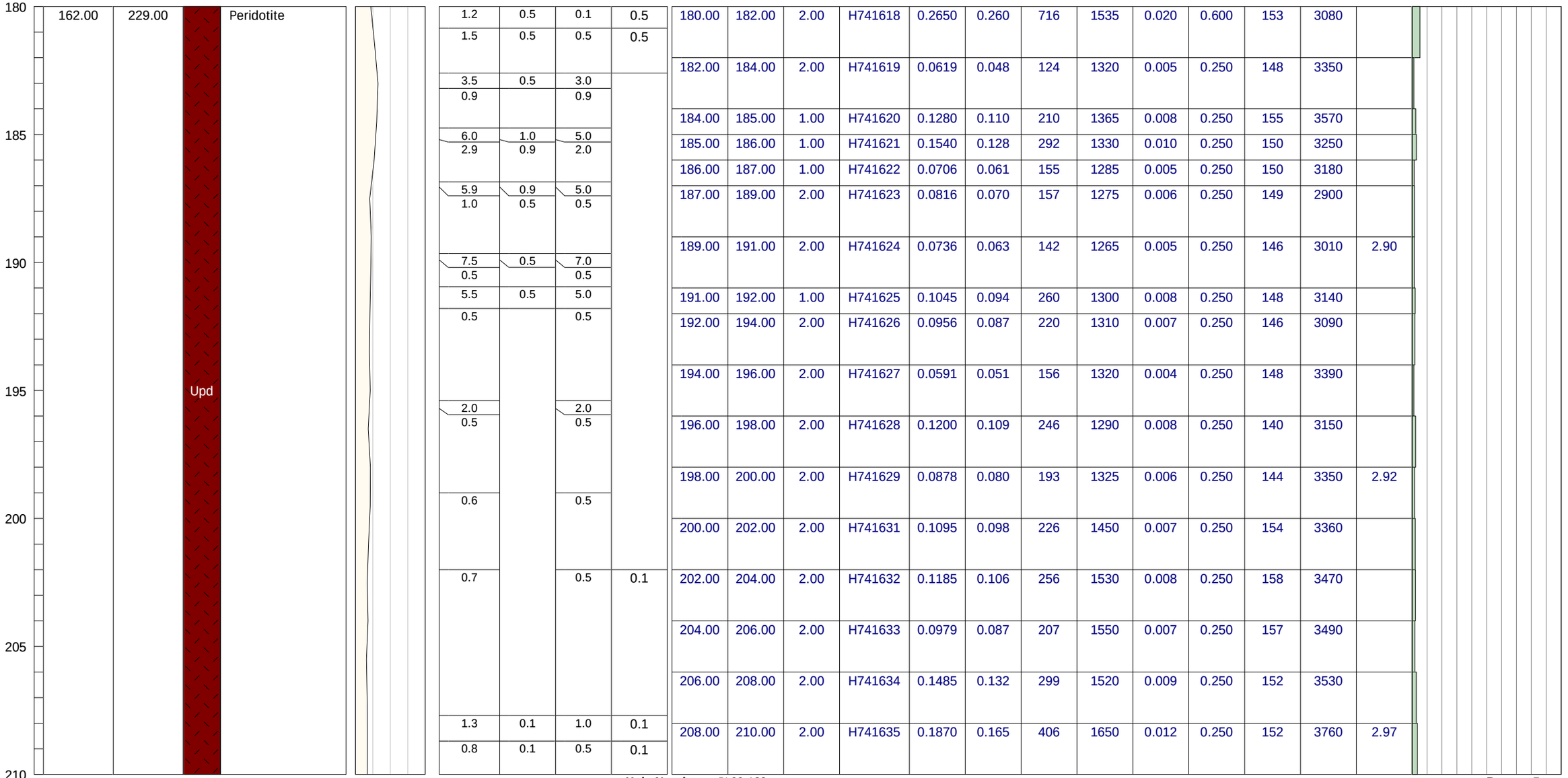
Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
162.00	229.00	Upd	Peridotite

Sulphide %	Cpy %	Po %	Py %
1.2	0.5	0.1	0.5
1.5	0.5	0.5	0.5
3.5	0.5	3.0	
0.9		0.9	
6.0	1.0	5.0	
2.9	0.9	2.0	
5.9	0.9	5.0	
1.0	0.5	0.5	
7.5	0.5	7.0	
0.5		0.5	
5.5	0.5	5.0	
0.5		0.5	
2.0		2.0	
0.5		0.5	
0.6		0.5	
0.7		0.5	0.1
1.3	0.1	1.0	0.1
0.8	0.1	0.5	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H741618	0.2650	0.260	716	1535	0.020	0.600	153	3080	
182.00	184.00	2.00	H741619	0.0619	0.048	124	1320	0.005	0.250	148	3350	
184.00	185.00	1.00	H741620	0.1280	0.110	210	1365	0.008	0.250	155	3570	
185.00	186.00	1.00	H741621	0.1540	0.128	292	1330	0.010	0.250	150	3250	
186.00	187.00	1.00	H741622	0.0706	0.061	155	1285	0.005	0.250	150	3180	
187.00	189.00	2.00	H741623	0.0816	0.070	157	1275	0.006	0.250	149	2900	
189.00	191.00	2.00	H741624	0.0736	0.063	142	1265	0.005	0.250	146	3010	2.90
191.00	192.00	1.00	H741625	0.1045	0.094	260	1300	0.008	0.250	148	3140	
192.00	194.00	2.00	H741626	0.0956	0.087	220	1310	0.007	0.250	146	3090	
194.00	196.00	2.00	H741627	0.0591	0.051	156	1320	0.004	0.250	148	3390	
196.00	198.00	2.00	H741628	0.1200	0.109	246	1290	0.008	0.250	140	3150	
198.00	200.00	2.00	H741629	0.0878	0.080	193	1325	0.006	0.250	144	3350	2.92
200.00	202.00	2.00	H741631	0.1095	0.098	226	1450	0.007	0.250	154	3360	
202.00	204.00	2.00	H741632	0.1185	0.106	256	1530	0.008	0.250	158	3470	
204.00	206.00	2.00	H741633	0.0979	0.087	207	1550	0.007	0.250	157	3490	
206.00	208.00	2.00	H741634	0.1485	0.132	299	1520	0.009	0.250	152	3530	
208.00	210.00	2.00	H741635	0.1870	0.165	406	1650	0.012	0.250	152	3760	2.97



Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

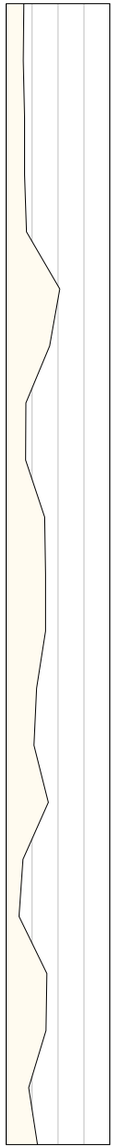
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

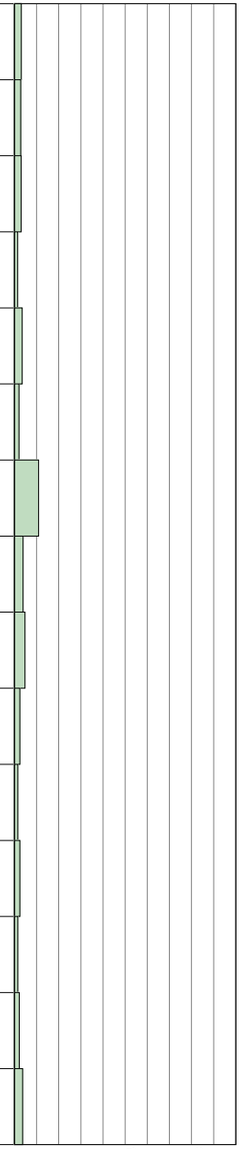
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
162.00	229.00	Upd	Peridotite
229.00	260.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
210.00	212.00	0.8	0.1	0.5	0.1
212.00	214.00	0.7	0.1	0.5	0.1
214.00	216.00				
216.00	218.00	1.1	0.5	0.5	0.1
218.00	220.00	1.2	0.1	1.0	0.1
220.00	222.00	2.2	0.1	2.0	0.1
222.00	224.00	2.3	0.5	0.9	0.9
224.00	226.00				
226.00	228.00	1.5	0.5	0.5	0.5
228.00	230.00				
230.00	232.00	0.2		0.1	0.1
232.00	234.00				
234.00	236.00				
236.00	238.00				
238.00	240.00				

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H741636	0.1725	0.138	375	1760	0.011	0.250	159	4200	
212.00	214.00	2.00	H741637	0.1585	0.125	308	1605	0.010	0.250	155	3730	
214.00	216.00	2.00	H741638	0.1690	0.138	316	1505	0.011	0.250	150	3240	
216.00	218.00	2.00	H741639	0.0811	0.067	160	1375	0.005	0.250	149	3160	
218.00	220.00	2.00	H741641	0.1840	0.164	330	1400	0.011	0.250	151	3080	2.85
220.00	222.00	2.00	H741642	0.1090	0.096	193	1385	0.007	0.250	148	3020	
222.00	224.00	2.00	H741643	0.5550	0.534	1160	1755	0.034	0.250	158	3040	
224.00	226.00	2.00	H741644	0.2020	0.186	481	1415	0.013	0.250	146	3000	
226.00	228.00	2.00	H741645	0.2480	0.227	609	1490	0.016	0.250	143	2950	
228.00	230.00	2.00	H741646	0.1325	0.112	300	1365	0.009	0.250	147	2790	2.93
230.00	232.00	2.00	H741647	0.0797	0.072	193	1270	0.006	0.250	140	2710	
232.00	234.00	2.00	H741648	0.1275	0.118	327	1375	0.009	0.250	143	2870	
234.00	236.00	2.00	H741649	0.0840	0.070	183	1360	0.006	0.250	143	3130	
236.00	238.00	2.00	H741651	0.1190	0.102	281	1425	0.009	0.250	143	3040	
238.00	240.00	2.00	H741652	0.1965	0.173	499	1550	0.014	0.250	147	3220	3.00



Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
229.00	260.00	Upd	Peridotite
260.00	269.30	Mgm	Gabbro - Melanocratic
269.30	277.00	Spt	Siltstone

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
229.00	260.00	0.2		0.1	0.1
		0.7		0.6	0.1
		0.2		0.1	0.1
		1.1	0.5	0.1	0.5
260.00	269.30	0.1		0.1	
		0.7	0.1	0.5	0.1
		0.6	0.1	0.5	
		1.0	0.5	0.5	
		4.0			
		1.5	1.0	3.0	
		1.0	0.5	1.0	
		4.0	0.5		
		1.8	1.0	0.5	0.9
		71.0	0.9	3.0	1.0
269.30	277.00	0.1	10.0		0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H741653	0.1285	0.104	284	1520	0.009	0.250	148	3340	
242.00	244.00	2.00	H741654	0.1345	0.108	283	1420	0.009	0.250	140	3090	
244.00	246.00	2.00	H741655	0.0785	0.063	184	1405	0.006	0.250	138	3280	
246.00	248.00	2.00	H741656	0.1110	0.089	217	1380	0.008	0.250	132	3400	
248.00	250.00	2.00	H741657	0.2020	0.168	452	1520	0.013	0.250	136	3630	2.89
250.00	252.00	2.00	H741658	0.2090	0.172	450	1495	0.014	0.250	133	3520	
252.00	254.00	2.00	H741659	0.1125	0.093	258	1370	0.008	0.250	132	3190	
254.00	256.00	2.00	H741660	0.1110	0.093	259	1315	0.008	0.250	133	2940	
256.00	258.00	2.00	H741661	0.1355	0.111	321	1305	0.009	0.250	133	2940	
258.00	260.00	2.00	H741662	0.1365	0.122	373	1290	0.009	0.250	130	2750	3.05
260.00	262.00	2.00	H741663	0.1080	0.089	289	1205	0.007	0.250	126	2720	
262.00	264.00	2.00	H741664	0.1375	0.106	311	1110	0.009	0.250	116	2540	
264.00	266.00	2.00	H741665	0.1625	0.153	404	1025	0.011	0.250	109	2350	
266.00	267.00	1.00	H741666	0.3350	0.300	903	1115	0.022	0.250	112	2000	
267.00	268.00	1.00	H741667	0.1655	0.135	371	802	0.012	0.250	94	1700	
268.00	269.30	1.30	H741668	0.3600	0.341	895	952	0.028	0.250	102	1460	2.87
269.30	269.80	0.50	H741669	1.6700	1.900	7550	3650	0.080	2.500	176	158	
269.80	271.80	2.00	H741671	0.0032	0.003	17	77	0.002	0.250	19	110	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-133

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology From m	To m	Code	Rock description
269.30	277.00	Spt	Siltstone
277.00	305.00	Spt	Schist

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
3.6			3.6
3.7			3.7
3.8	0.1		3.7
0.8	0.1		0.7
0.7			0.7
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
269.80	271.80	2.00	H741671	0.0032	0.003	17	77	0.002	0.250	19	110	
271.80	273.80	2.00	H741672	0.0035	0.003	63	72	0.001	0.250	19	116	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-133

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 26/07/2009
End Date: 28/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402372.43
Easting: 358399.03
Elevation: 475.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 305.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
277.00	305.00	Spt	Schist		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

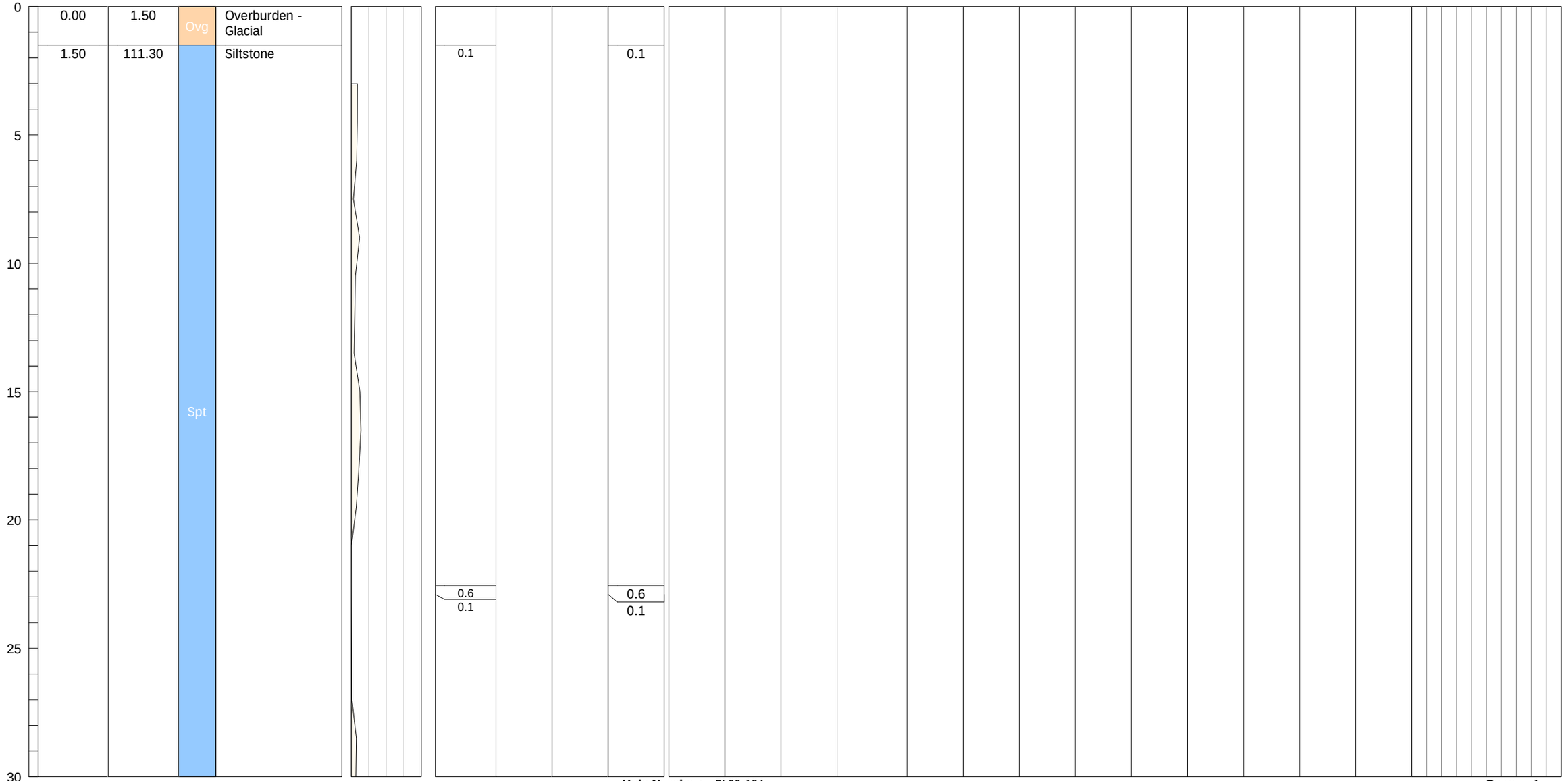
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	111.30	Spt	Siltstone



Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

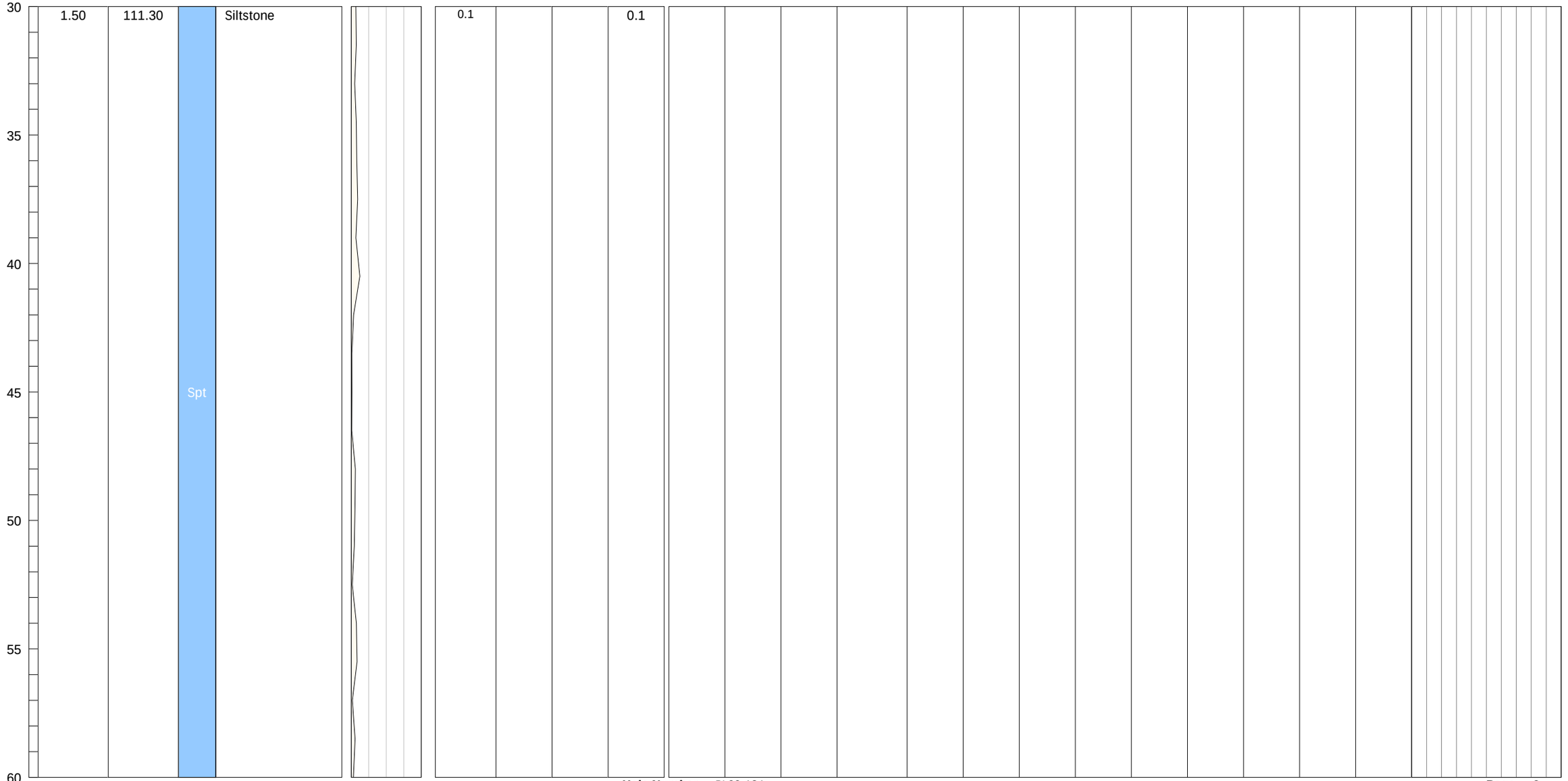
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
1.50	111.30	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

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Northing: 5402349.91
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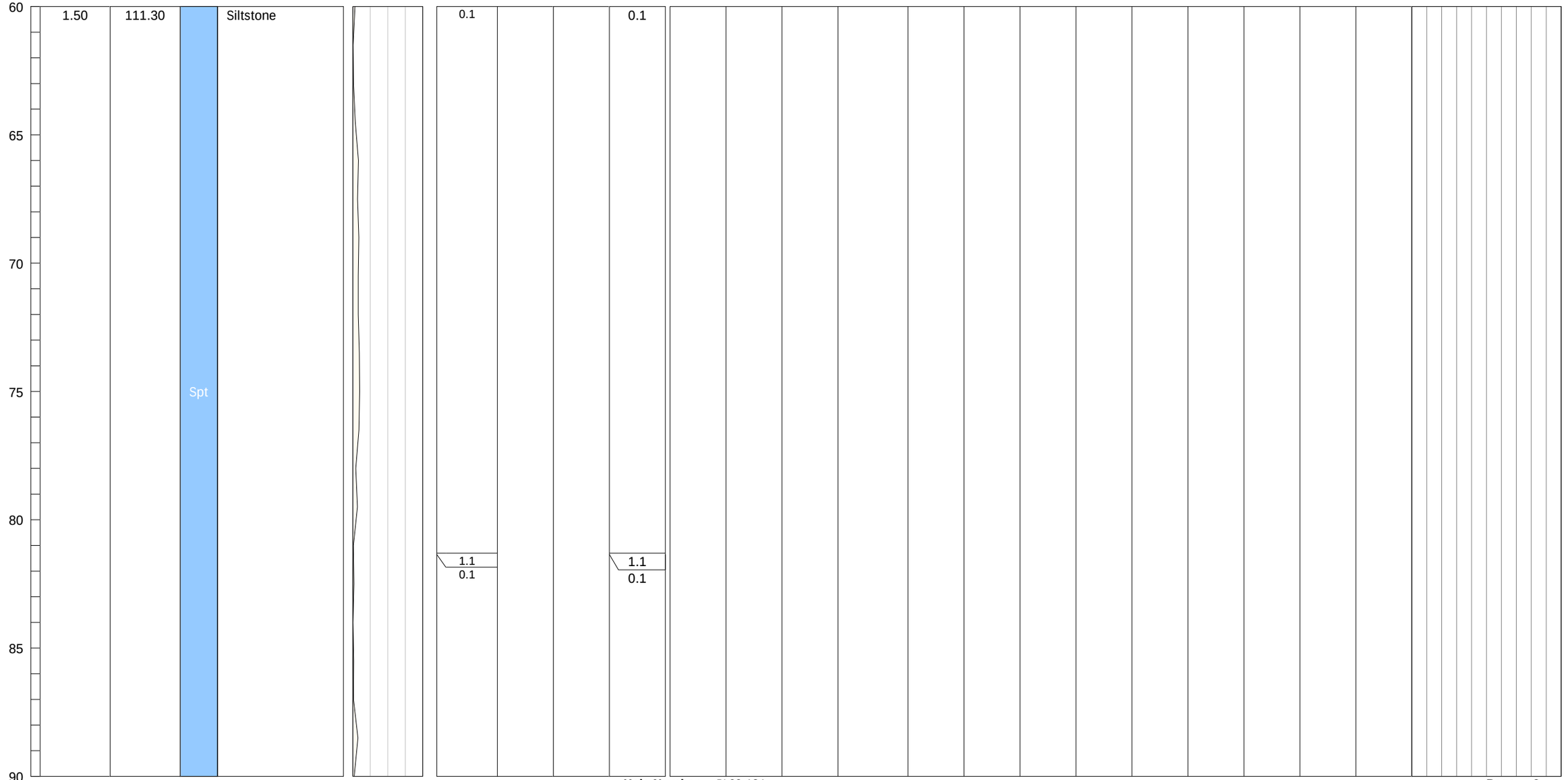
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
1.50	111.30	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-134

Project: TBN
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Drill Hole Logs

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Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
1.50	111.30	Spt	Siltstone		0.1			0.1														
					0.6			0.6														
					1.1			1.1														
					0.1			0.1														
111.30	118.50	Fgd	Granodiorite																			
118.50	120.75	Spt	Siltstone																			

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
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End Date: 30/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

From m	To m	Code	Rock description
118.50	120.75	Spt	Siltstone
120.75	125.00	Fgd	Granodiorite
125.00	140.10	Spt	Siltstone
140.10	142.25	Hg	Hybrid Grey
142.25	153.65	Hf	Hybrid Classic Red

From m	To m	Sulphide %	Cpy %	Po %	Py %
118.50	120.75	0.1			0.1
120.75	125.00				
125.00	140.10				
140.10	142.25	1.1	0.1		1.0
142.25	153.65	0.9			0.9
		0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
136.00	138.00	2.00	H741673	0.0015	0.001	51	76	0.002	0.250	22	121	2.67
138.00	140.10	2.10	H741674	0.0018	0.002	94	83	0.002	0.250	21	108	
140.10	142.25	2.15	H741675	0.0811	0.079	145	81	0.009	0.250	17	100	
142.25	144.00	1.75	H741676	0.0129	0.007	110	55	0.003	0.250	23	146	
144.00	146.00	2.00	H741677	0.0092	0.005	4	36	0.002	0.250	20	84	
146.00	148.00	2.00	H741678	0.0012	0.001	2	18	0.001	0.250	21	53	2.69
148.00	150.00	2.00	H741679	0.0007	0.001	2	16	0.001	0.250	20	31	

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
142.25	153.65	Hr	Hybrid Classic Red
153.65	183.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
1.0	0.1	0.1	1.0
1.2	1.0	1.0	1.0
2.1			0.1
2.3	0.9	0.9	0.5
0.9		2.0	0.9
2.0	0.1	0.9	1.0
2.0	0.5	0.9	0.9
0.9			0.9
2.3			
1.0	0.5	0.5	
1.0	0.1	1.0	
0.6		0.5	
2.0	0.1	2.0	0.1
1.1		0.9	
0.7	0.1	0.5	0.1
2.2	0.1	2.0	0.1
0.7	0.1	0.5	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H741681	0.0038	0.002	2	38	0.001	0.250	24	40	
152.00	153.65	1.65	H741682	0.0014	0.001	180	54	0.001	0.250	36	61	
153.65	155.00	1.35	H741683	0.4170	0.407	1440	925	0.031	1.100	108	970	
155.00	156.00	1.00	H741684	0.3790	0.369	1155	1015	0.026	0.500	115	1340	
156.00	158.00	2.00	H741685	0.1215	0.112	420	681	0.009	0.250	94	1180	2.88
158.00	160.00	2.00	H741686	0.0345	0.028	176	753	0.004	0.250	105	1490	
160.00	162.00	2.00	H741687	0.0331	0.030	123	861	0.003	0.250	113	1790	
162.00	164.00	2.00	H741688	0.0806	0.071	189	937	0.005	0.250	124	2010	
164.00	166.00	2.00	H741689	0.1155	0.104	284	945	0.008	0.250	120	2030	
166.00	168.00	2.00	H741691	0.0908	0.080	257	940	0.007	0.250	122	2030	2.91
168.00	170.00	2.00	H741692	0.0916	0.079	213	1060	0.006	0.250	131	2290	
170.00	172.00	2.00	H741693	0.1070	0.098	249	1055	0.009	0.250	129	2240	
172.00	174.00	2.00	H741694	0.0654	0.056	167	1140	0.004	0.250	139	2540	
174.00	176.00	2.00	H741695	0.0644	0.060	213	1125	0.005	0.250	136	2590	
176.00	178.00	2.00	H741696	0.1355	0.116	382	1265	0.010	0.250	145	2900	3.00
178.00	180.00	2.00	H741697	0.0699	0.058	195	1210	0.005	0.250	142	2940	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
153.65	183.00		Peridotite
183.00	252.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.7	0.1	0.5	0.1
1.5	0.5	0.9	0.1
0.6	0.1	0.5	
3.6	0.1	3.5	
0.6	0.1	0.5	
3.6	0.1	3.5	
0.6	0.1	0.5	
1.6	0.1	1.5	
0.6	0.1	0.5	0.1
2.0	0.5	1.4	0.1
1.1	0.5	0.5	
2.1	0.5	1.5	0.1
1.6	0.5	1.0	0.1
5.1	0.1	5.0	
1.4	0.5	0.9	
7.1	0.1	7.0	
1.4	0.5	0.9	
7.1	0.1	7.0	
5.5	0.5	5.0	
1.4	0.5	0.9	
5.5	0.5	5.0	
1.4	0.5	0.9	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H741698	0.0990	0.087	293	1235	0.008	0.250	140	2850	
182.00	184.00	2.00	H741699	0.1110	0.100	306	1290	0.009	0.250	143	2910	
184.00	186.00	2.00	H741700	0.0792	0.070	182	1230	0.006	0.250	143	2920	
186.00	188.00	2.00	H741701	0.0581	0.050	152	1285	0.004	0.250	149	3070	2.93
188.00	190.00	2.00	H741702	0.1240	0.110	283	1280	0.009	0.250	145	3100	
190.00	192.00	2.00	H741703	0.0722	0.065	173	1300	0.005	0.250	145	3050	
192.00	194.00	2.00	H741704	0.0653	0.056	146	1330	0.005	0.250	149	3220	
194.00	196.00	2.00	H741705	0.0716	0.066	149	1350	0.006	0.250	150	3370	
196.00	198.00	2.00	H741706	0.0527	0.045	99	1325	0.003	0.250	150	3300	
198.00	199.00	1.00	H741707	0.0835	0.073	149	1285	0.005	0.250	146	3150	
199.00	200.00	1.00	H741708	0.1380	0.116	279	1340	0.010	0.250	145	3210	2.80
200.00	201.00	1.00	H741709	0.1285	0.113	252	1350	0.010	0.250	150	3190	3.00
201.00	202.00	1.00	H741711	0.0843	0.073	160	1345	0.005	0.250	148	3050	2.97
202.00	203.00	1.00	H741712	0.1430	0.129	303	1415	0.013	0.250	150	3020	2.99
203.00	204.00	1.00	H741713	0.0421	0.035	73	1410	0.003	0.250	155	3460	2.97
204.00	205.00	1.00	H741714	0.0759	0.063	117	1315	0.005	0.250	147	3350	2.94
205.00	206.50	1.50	H741715	0.0447	0.036	82	1305	0.003	0.250	148	3190	2.58
206.50	208.00	1.50	H741716	0.0770	0.062	103	1280	0.004	0.250	148	3280	2.91
208.00	210.00	2.00	H741717	0.0678	0.057	127	1325	0.005	0.250	150	3260	2.95

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

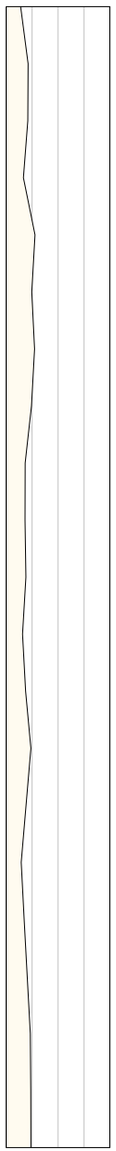
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

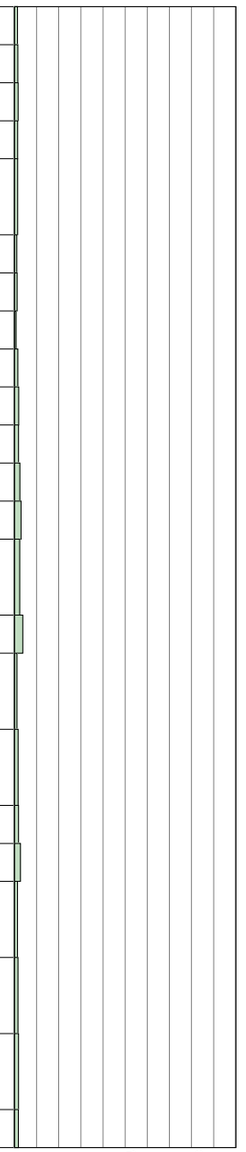
Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
183.00	252.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
5.1	0.1	5.0	
1.0	0.1	0.9	
3.1	0.1	3.0	
1.0	0.1	0.9	
5.1	0.1	5.0	
1.1	0.1	1.0	
3.1	0.1	3.0	
1.2	0.1	1.0	
5.2	0.1	5.0	
3.6	0.5	3.0	
0.7	0.1	0.5	
0.6	0.1	0.5	
2.0		2.0	
0.5		0.5	
3.0		3.0	
0.5		0.5	
2.1		2.0	
0.5		0.5	
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	211.00	1.00	H741718	0.0726	0.068	150	1300	0.005	0.250	153	3220	2.92
211.00	212.00	1.00	H741719	0.0809	0.073	194	1350	0.006	0.250	151	3110	2.95
212.00	213.00	1.00	H741721	0.0886	0.079	148	1295	0.006	0.250	149	3190	2.96
213.00	214.00	1.00	H741722	0.0763	0.066	176	1405	0.006	0.250	157	3430	2.93
214.00	216.00	2.00	H741723	0.0789	0.069	183	1335	0.006	0.250	148	3170	2.92
216.00	217.00	1.00	H741724	0.0562	0.048	116	1335	0.003	0.250	150	3250	2.91
217.00	218.00	1.00	H741725	0.0647	0.055	159	1350	0.004	0.250	152	3430	2.88
218.00	219.00	1.00	H741726	0.0420	0.033	100	1335	0.003	0.250	151	3340	2.92
219.00	220.00	1.00	H741727	0.0808	0.070	212	1395	0.005	0.250	151	3450	2.93
220.00	221.00	1.00	H741728	0.1035	0.091	248	1350	0.007	0.250	146	3350	2.88
221.00	222.00	1.00	H741729	0.0973	0.087	232	1370	0.007	0.250	148	3500	2.83
222.00	223.00	1.00	H741731	0.1300	0.116	289	1380	0.009	0.250	149	3550	2.90
223.00	224.00	1.00	H741732	0.1590	0.141	345	1475	0.010	0.250	152	3530	2.92
224.00	226.00	2.00	H741733	0.1255	0.115	271	1465	0.008	0.250	153	3530	
226.00	227.00	1.00	H741734	0.1955	0.181	396	1490	0.013	0.250	148	3470	
227.00	229.00	2.00	H741735	0.0606	0.052	101	1415	0.003	0.250	151	3550	
229.00	231.00	2.00	H741736	0.0920	0.075	180	1485	0.006	0.250	146	3770	
231.00	232.00	1.00	H741737	0.1040	0.084	217	1510	0.007	0.250	141	4280	
232.00	233.00	1.00	H741738	0.1500	0.122	311	1525	0.012	0.250	140	4370	
233.00	235.00	2.00	H741739	0.0800	0.061	145	1485	0.005	0.250	142	4510	2.88
235.00	237.00	2.00	H741740	0.0876	0.069	177	1420	0.006	0.250	145	3860	
237.00	239.00	2.00	H741741	0.0983	0.084	170	1425	0.006	0.250	151	3650	
239.00	241.00	2.00	H741742	0.0965	0.081	165	1375	0.005	0.250	149	3430	



Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
183.00	252.00	Upd	Peridotite
252.00	295.00	U	Ultramafic - Undifferentiated

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
2.0		2.0	
0.1		0.1	
1.0		1.0	
0.5		0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H741742	0.0965	0.081	165	1375	0.005	0.250	149	3430	
241.00	243.00	2.00	H741743	0.1065	0.091	189	1345	0.007	0.250	146	3110	
243.00	245.00	2.00	H741744	0.1040	0.091	190	1355	0.007	0.250	144	3130	
245.00	247.00	2.00	H741745	0.2290	0.199	150	1395	0.015	0.250	145	3400	
247.00	249.00	2.00	H741746	0.1075	0.084	209	1340	0.007	0.250	149	3340	
249.00	251.00	2.00	H741747	0.1090	0.094	221	1325	0.007	0.250	148	3120	
251.00	253.00	2.00	H741748	0.1110	0.101	245	1375	0.008	0.250	143	2900	
253.00	255.00	2.00	H741749	0.0883	0.079	215	1405	0.007	0.250	142	2800	
255.00	257.00	2.00	H741751	0.1005	0.086	227	1345	0.007	0.250	135	2930	
257.00	259.00	2.00	H741752	0.1490	0.136	320	1435	0.011	0.250	140	3180	
259.00	261.00	2.00	H741753	0.1010	0.086	190	1365	0.007	0.250	133	3030	
261.00	263.00	2.00	H741754	0.0986	0.078	188	1390	0.007	0.250	131	3190	
263.00	265.00	2.00	H741755	0.0795	0.067	158	1360	0.006	0.250	130	3220	
265.00	267.00	2.00	H741756	0.1945	0.172	478	1495	0.013	0.250	134	3040	
267.00	269.00	2.00	H741757	0.0745	0.060	513	1535	0.005	0.250	135	3170	
269.00	271.00	2.00	H741758	0.2440	0.209	524	1500	0.018	0.250	130	3270	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
252.00	295.00	U	Ultramafic - Undifferentiated
295.00	307.40	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5		0.5	
0.1		0.1	
0.5		0.5	
0.1		0.1	
0.5		0.5	
1.0		1.0	
0.7	0.1	0.5	
1.1	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
269.00	271.00	2.00	H741758	0.2440	0.209	524	1500	0.018	0.250	130	3270	
271.00	273.00	2.00	H741759	0.1710	0.142	332	1545	0.013	0.250	133	3560	
273.00	275.00	2.00	H741761	0.1390	0.115	281	1525	0.013	0.250	133	3990	
275.00	277.00	2.00	H741762	0.1700	0.139	377	1540	0.012	0.250	139	3680	
277.00	279.00	2.00	H741763	0.1550	0.136	370	1515	0.012	0.250	140	3370	
279.00	281.00	2.00	H741764	0.2000	0.180	521	1550	0.015	0.250	141	3210	
281.00	283.00	2.00	H741765	0.1120	0.099	290	1385	0.010	0.250	133	3160	
283.00	285.00	2.00	H741766	0.0939	0.078	248	1410	0.009	0.250	136	3310	
285.00	287.00	2.00	H741767	0.0745	0.060	183	1365	0.006	0.250	136	3230	
287.00	289.00	2.00	H741768	0.0755	0.061	183	1325	0.007	0.250	134	3220	
289.00	291.00	2.00	H741769	0.0830	0.072	233	1305	0.008	0.250	134	2920	
291.00	293.00	2.00	H741771	0.0951	0.083	247	1240	0.009	0.250	127	2700	
293.00	295.00	2.00	H741772	0.0740	0.062	222	1210	0.007	0.250	127	2710	3.05
295.00	297.00	2.00	H741773	0.0778	0.065	252	1185	0.007	0.250	123	2640	
297.00	299.00	2.00	H741774	0.1970	0.179	458	1170	0.015	0.250	121	2490	
299.00	301.00	2.00	H741775	0.0609	0.050	190	1030	0.006	0.250	110	2370	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
295.00	307.40	Mgm	Gabbro - Melanocratic
307.40	313.50	Spt	Siltstone
313.50	332.70		Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.1	0.5	0.5	
1.5	0.5	0.5	0.5
1.9	0.5	0.5	0.9
3.4	0.9	0.5	2.0
2.0	0.9		2.0
7.9			2.0
2.0			2.0
0.1			0.1
0.2	0.1		0.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
299.00	301.00	2.00	H741775	0.0609	0.050	190	1030	0.006	0.250	110	2370	
301.00	303.00	2.00	H741776	0.0479	0.041	169	964	0.005	0.250	104	2290	
303.00	304.00	1.00	H741777	0.0525	0.047	185	949	0.006	0.700	105	2180	2.92
304.00	305.00	1.00	H741778	0.0792	0.069	285	884	0.008	0.250	100	1930	
305.00	306.00	1.00	H741779	0.1435	0.138	525	862	0.013	0.500	94	1620	
306.00	307.40	1.40	H741780	0.1035	0.099	398	801	0.010	0.250	89	1600	
307.40	308.00	0.60	H741781	0.3600	0.326	945	666	0.013	0.250	55	149	
308.00	310.00	2.00	H741782	0.0060	0.004	28	87	0.003	0.250	21	128	
310.00	312.00	2.00	H741783	0.0037	0.003	25	67	0.003	0.250	20	98	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-134

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/07/2009
End Date: 30/07/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.91
Easting: 358501.72
Elevation: 472.42

Azimuth: 0.0°
Dip: -84.80°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
313.50	332.70	Spt	Siltstone
332.70	334.10	Fgd	Granodiorite
334.10	357.00	Spt	Siltstone

Magsus 0 100 200 | Sulphide % 0.1 | Cpy % | Po % | Py % 0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-135

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

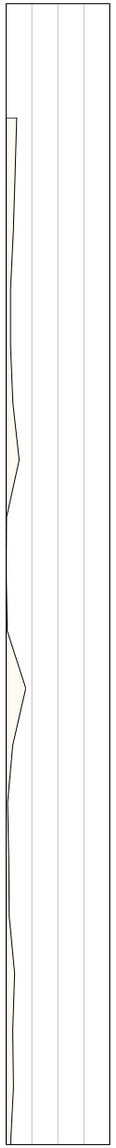
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

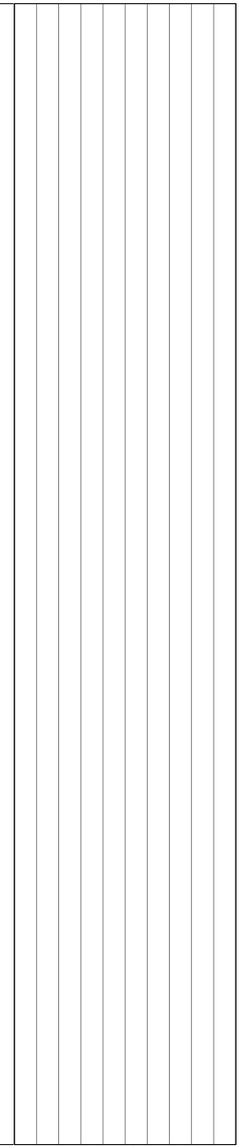
Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology From m	To m	Code	Rock description
0.00	2.00	Ovg	Overburden - Glacial
2.00	92.50	Spt	Siltstone



From m	Sulphide %	Cpy %	Po %	Py %
2.00	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm



Hole Number: BL09-135

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

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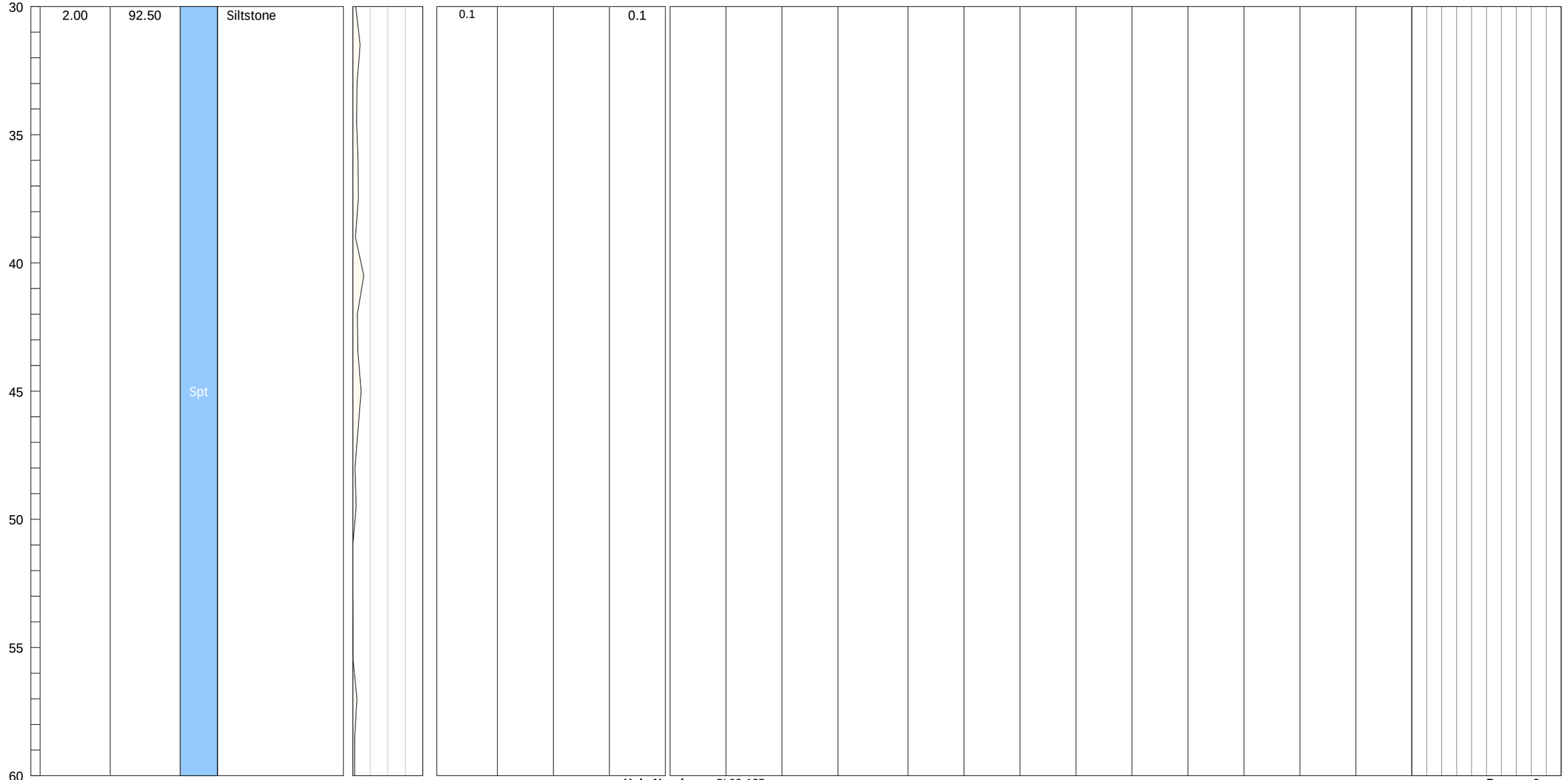
Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology From m	To m	Code	Rock description
2.00	92.50	Spt	Siltstone



Hole Number: BL09-135

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
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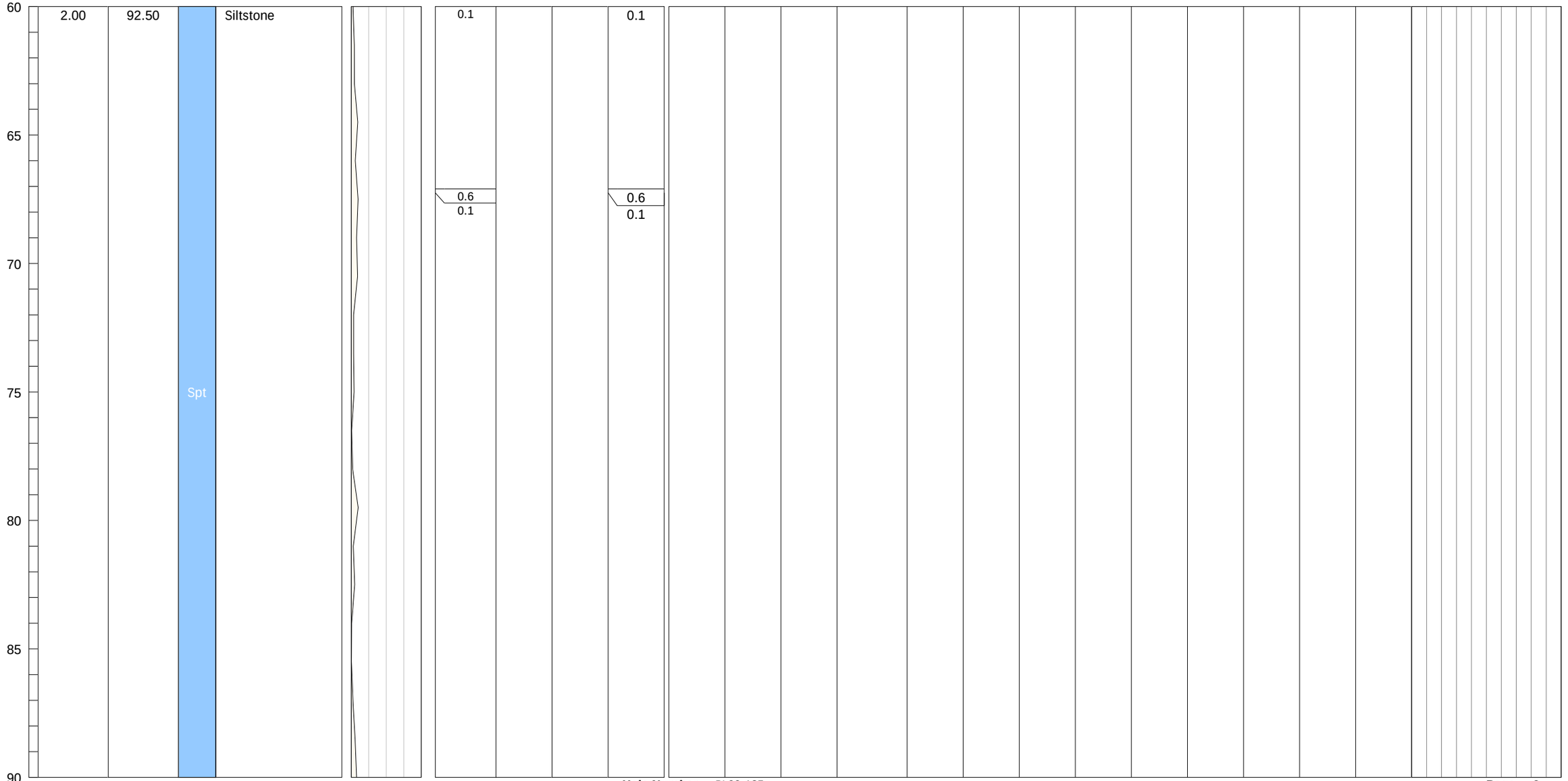
Lithology From m	To m	Code	Rock description
2.00	92.50	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-135

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

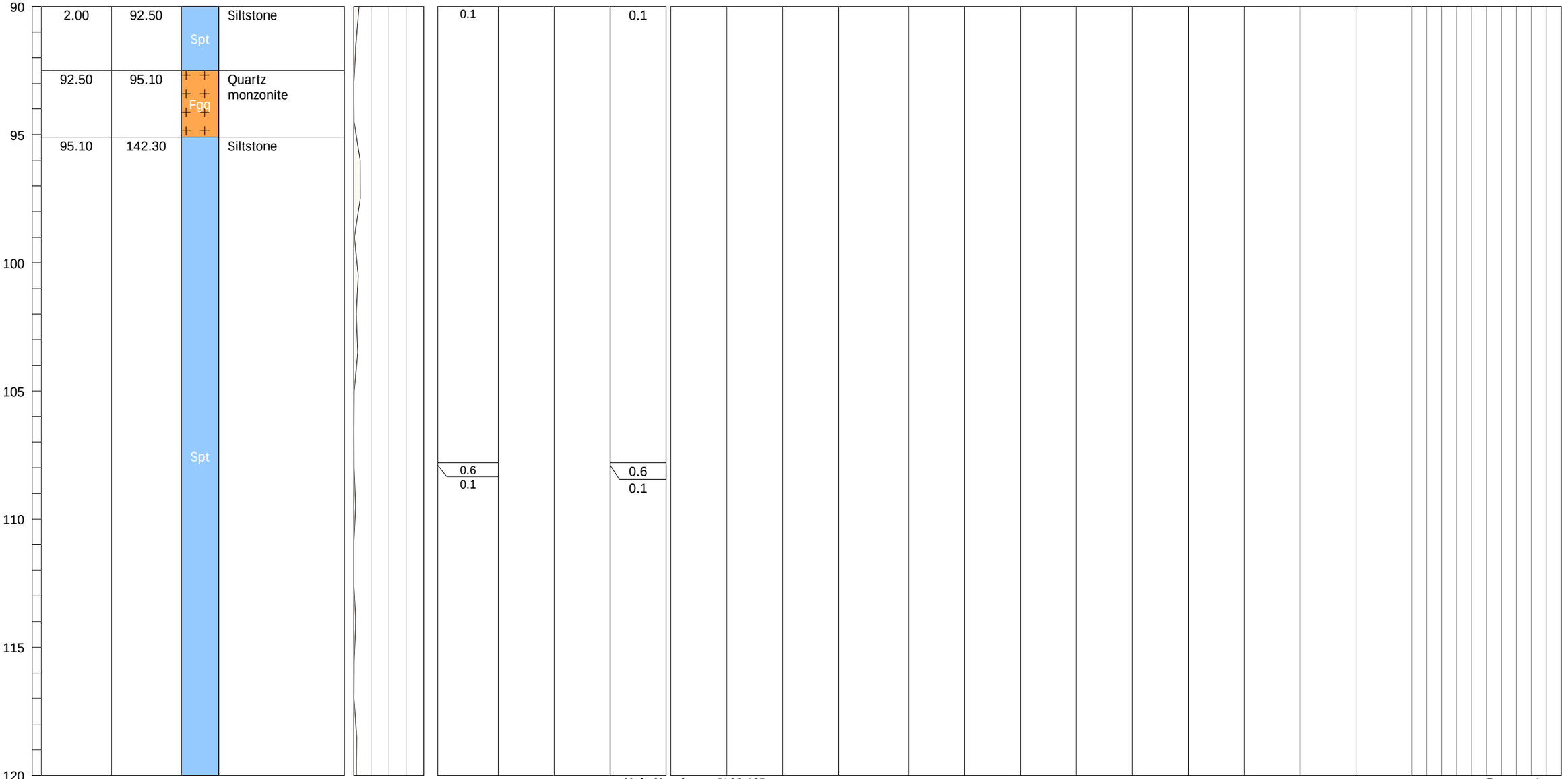
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology From m	To m	Code	Rock description
2.00	92.50	Spt	Siltstone
92.50	95.10	Fgq	Quartz monzonite
95.10	142.30	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-135

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
95.10	142.30	Spt	Siltstone		0.1			0.1
142.30	145.30		Hybrid Classic Red		1.1	0.1		1.0
145.30	157.40	Hf	Hybrid Classic Red					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
138.00	140.30	2.30	H741784	0.0013	0.001	64	54	0.001	0.250	16	105	2.65	
140.30	142.30	2.00	H741785	0.0033	0.003	47	52	0.001	0.250	14	98		
142.30	144.00	1.70	H741786	0.0390	0.036	41	40	0.001	0.250	11	71		
144.00	145.30	1.30	H741787	0.0760	0.075	405	87	0.003	0.250	15	83		
145.30	147.40	2.10	H741788	0.0110	0.005	130	45	0.001	0.250	24	127	2.63	
147.40	149.40	2.00	H741789	0.0040	0.002	3	32	0.001	0.250	22	67		
149.40	151.40	2.00	H741791	0.0023	0.001	12	19	0.001	0.250	23	23		

Hole Number: BL09-135

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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

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Final Depth: 375.00

Lithology From m	To m	Code	Rock description
145.30	157.40	Hr	Hybrid Classic Red
157.40	161.40	Upd	Peridotite
161.40	162.30	Mgvt	Gabbro - VariTextured
162.30	170.00	Upd	Peridotite
170.00	291.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.1	0.1		1.0
1.0	0.1	0.9	0.9
1.9	0.5		0.5
0.9			0.9
2.0			2.0
1.1	0.1	0.5	0.5
1.1	0.1	1.0	
0.7	0.1	0.1	0.5
0.7	0.1	0.1	0.5
0.3	0.1	0.1	0.1
0.7	0.1	0.1	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.40	151.40	2.00	H741791	0.0023	0.001	12	19	0.001	0.250	23	23	
151.40	153.40	2.00	H741792	0.0013	0.001	27	15	0.001	0.600	21	18	
153.40	155.40	2.00	H741793	0.0030	0.001	4	24	0.001	0.250	20	35	
155.40	157.40	2.00	H741794	0.0104	0.005	220	95	0.001	0.250	38	74	2.69
157.40	159.40	2.00	H741795	0.3170	0.321	998	874	0.019	0.250	106	1050	
159.40	161.40	2.00	H741796	0.1100	0.104	378	780	0.006	0.250	107	1450	
161.40	162.30	0.90	H741797	0.0017	0.001	80	66	0.001	0.250	31	100	
162.30	164.00	1.70	H741798	0.0979	0.093	315	897	0.004	0.250	115	1715	
164.00	166.00	2.00	H741799	0.0419	0.038	173	895	0.002	0.250	112	1750	2.92
166.00	168.00	2.00	H741801	0.1200	0.117	345	972	0.006	0.250	116	1910	
168.00	170.00	2.00	H741802	0.2080	0.194	480	1095	0.011	0.500	121	1980	
170.00	172.00	2.00	H741803	0.1550	0.137	339	1065	0.009	0.250	120	2140	
172.00	174.00	2.00	H741804	0.0999	0.090	207	1035	0.006	0.250	120	2140	
174.00	176.00	2.00	H741805	0.1040	0.087	199	1055	0.006	0.500	121	2290	2.75
176.00	178.00	2.00	H741806	0.0507	0.046	113	1030	0.002	0.250	118	2300	
178.00	180.00	2.00	H741807	0.0728	0.066	178	1085	0.004	0.250	122	2390	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-135

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Magma Metals (Canada) Ltd.

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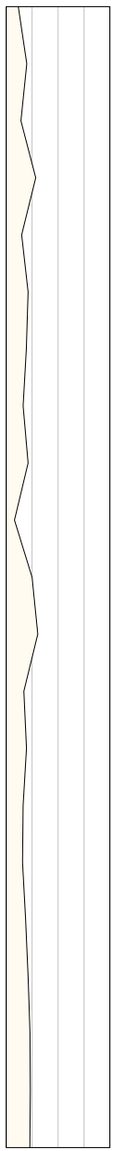
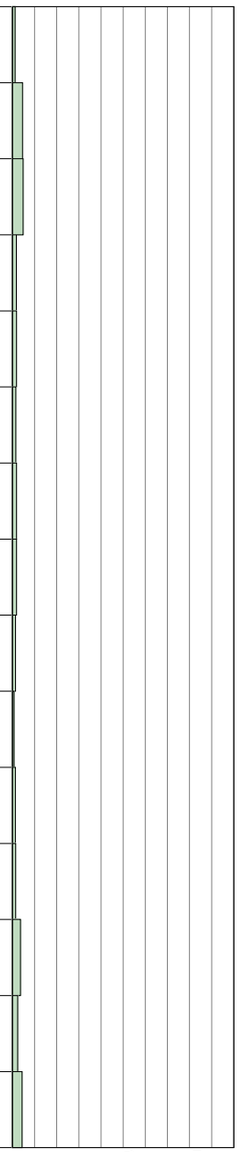
Lithology From m	To m	Code	Rock description
170.00	291.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.7	0.1	0.1	0.5
1.4	0.5	0.9	
1.9	1.0	0.9	
1.0	0.5	0.5	
2.5	0.5	2.0	
1.4	0.9	0.5	
2.5	0.5	2.0	
1.0	0.5	0.5	
3.5	0.5	3.0	
1.0	0.5	0.5	
1.8	0.9	0.9	
1.0	0.5	0.5	
2.5	0.5	2.0	
1.0	0.5	0.5	
1.9	0.9	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H741808	0.0600	0.059	189	1170	0.003	0.250	134	2770	
182.00	184.00	2.00	H741809	0.2350	0.223	698	1410	0.013	0.250	139	2780	
184.00	186.00	2.00	H741811	0.2530	0.233	740	1410	0.015	0.250	141	2820	2.95
186.00	188.00	2.00	H741812	0.0943	0.083	256	1275	0.004	0.250	139	2940	
188.00	190.00	2.00	H741813	0.0971	0.089	269	1275	0.005	0.250	135	2850	
190.00	192.00	2.00	H741814	0.0829	0.072	180	1315	0.004	0.250	139	2930	
192.00	194.00	2.00	H741815	0.0988	0.088	259	1295	0.006	0.250	135	2930	
194.00	196.00	2.00	H741816	0.0969	0.086	225	1340	0.008	0.250	141	2500	2.95
196.00	198.00	2.00	H741817	0.0734	0.066	199	1315	0.005	0.250	135	2880	
198.00	200.00	2.00	H741818	0.0390	0.034	109	1295	0.001	0.250	136	3090	
200.00	202.00	2.00	H741819	0.0702	0.060	174	1345	0.004	0.250	140	3210	
202.00	204.00	2.00	H741820	0.0736	0.070	173	1340	0.004	0.250	143	3220	
204.00	206.00	2.00	H741821	0.1910	0.175	473	1295	0.012	0.250	136	3010	2.97
206.00	208.00	2.00	H741822	0.1260	0.114	316	1355	0.007	0.250	140	3080	
208.00	210.00	2.00	H741823	0.2270	0.207	563	1515	0.014	0.250	145	3030	



Hole Number: BL09-135

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

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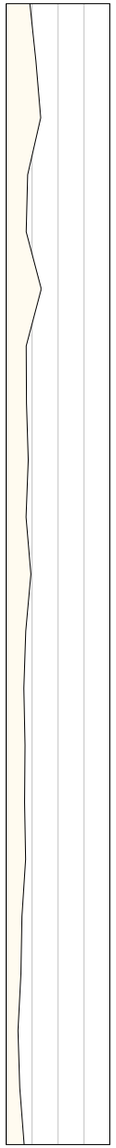
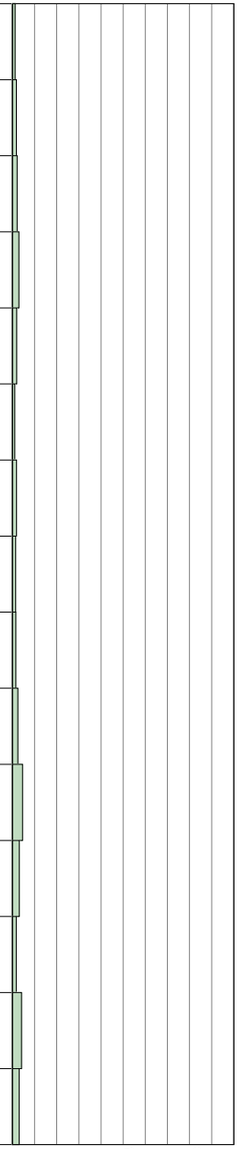
Lithology From m	To m	Code	Rock description
170.00	291.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
210.00	212.00	2.5	0.5	2.0	
		1.4	0.5	0.9	
212.00	214.00	3.1	0.1	3.0	
		1.0	0.1	0.9	
		3.1	0.1	3.0	
		2.1	0.1	2.0	
		3.1	0.1	3.0	
214.00	216.00	2.5	0.5	2.0	
		1.6	0.5	1.0	
216.00	218.00	2.0	0.9	1.0	
		1.1	0.5	0.5	
218.00	220.00	3.0	0.9	2.0	
		1.1	0.5	0.5	
220.00	222.00	1.6	0.5	1.0	
		0.6	0.5	0.5	
		1.1	0.5		
222.00	224.00	2.6	0.5	2.0	
		1.1	0.5	0.5	
224.00	226.00				
226.00	228.00				
228.00	230.00				
230.00	232.00	3.6	0.5	3.0	
		1.1	0.5	0.5	
232.00	234.00				
234.00	236.00				
236.00	238.00				
238.00	240.00	2.6	0.5	2.0	
		1.1	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H741824	0.0650	0.054	110	1305	0.003	0.250	136	3000	
212.00	214.00	2.00	H741825	0.0967	0.085	223	1360	0.005	0.250	141	3260	
214.00	216.00	2.00	H741826	0.1120	0.099	247	1370	0.006	0.250	148	3100	2.93
216.00	218.00	2.00	H741827	0.1510	0.139	326	1395	0.010	0.250	143	2940	
218.00	220.00	2.00	H741828	0.1010	0.090	192	1260	0.006	0.250	136	2860	
220.00	222.00	2.00	H741829	0.0599	0.049	100	1360	0.002	0.250	144	3090	
222.00	224.00	2.00	H741831	0.0952	0.089	244	1380	0.006	0.250	146	3270	
224.00	226.00	2.00	H741832	0.0756	0.067	196	1360	0.004	0.500	145	3470	2.92
226.00	228.00	2.00	H741833	0.0810	0.072	194	1390	0.005	0.250	141	3250	
228.00	230.00	2.00	H741834	0.1300	0.116	328	1480	0.007	0.250	148	3370	
230.00	232.00	2.00	H741835	0.2380	0.217	460	1535	0.013	0.250	143	3440	
232.00	234.00	2.00	H741836	0.1620	0.147	290	1390	0.009	0.250	136	3180	
234.00	236.00	2.00	H741837	0.0917	0.081	164	1415	0.005	0.250	144	3440	2.92
236.00	238.00	2.00	H741838	0.2170	0.193	396	1475	0.012	0.500	138	3330	
238.00	240.00	2.00	H741839	0.1600	0.147	289	1450	0.008	0.250	133	3360	



Hole Number: BL09-135

Project: TBN
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Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
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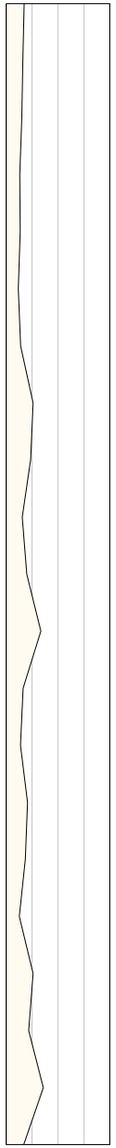
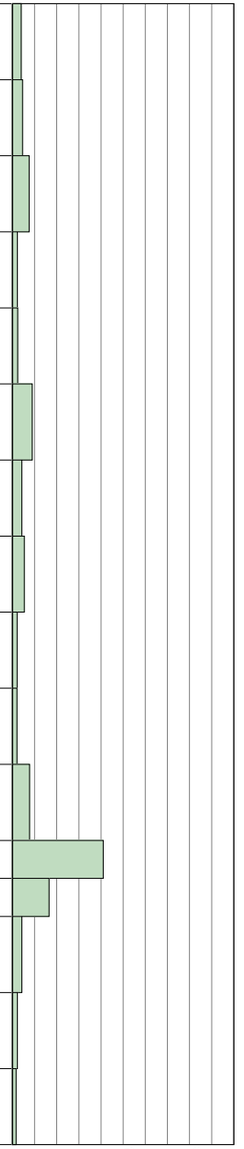


Sulphide %	Cpy %	Po %	Py %
1.1	0.5	0.5	
2.6	0.5	2.0	
1.1	0.5	0.5	
2.6	0.5	2.0	
1.1	0.5	0.5	
3.6	0.5	3.0	
1.1	0.5	0.5	
3.6	0.5	3.0	
1.1	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H741841	0.2040	0.190	365	1685	0.012	0.250	147	4020	
242.00	244.00	2.00	H741842	0.2520	0.206	368	1655	0.012	0.600	147	4220	
244.00	246.00	2.00	H741843	0.3940	0.359	772	1765	0.022	0.600	156	3660	2.94
246.00	248.00	2.00	H741844	0.1215	0.104	221	1435	0.004	0.250	145	3510	
248.00	250.00	2.00	H741845	0.1260	0.111	260	1300	0.005	0.250	143	3370	
250.00	252.00	2.00	H741846	0.4680	0.424	923	1700	0.025	0.700	150	3350	
252.00	254.00	2.00	H741847	0.2180	0.203	365	1375	0.012	0.250	146	3170	
254.00	256.00	2.00	H741848	0.2710	0.266	595	1510	0.015	0.250	148	3060	2.96
256.00	258.00	2.00	H741849	0.1085	0.103	230	1380	0.005	0.250	141	3140	
258.00	260.00	2.00	H741851	0.1070	0.095	234	1450	0.004	0.250	147	3370	
260.00	262.00	2.00	H741852	0.3940	0.378	909	1665	0.022	0.700	158	3490	
262.00	263.00	1.00	H741853	2.1500	1.950	4050	2760	0.140	2.500	185	3110	
263.00	264.00	1.00	H741854	0.8520	0.802	1935	1955	0.050	1.400	155	2990	
264.00	266.00	2.00	H741855	0.2210	0.203	546	1445	0.010	0.250	145	3010	2.89
266.00	268.00	2.00	H741856	0.1140	0.109	281	1410	0.006	0.250	143	3110	
268.00	270.00	2.00	H741857	0.0857	0.078	222	1390	0.004	0.250	138	3090	



Hole Number: BL09-135

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology From m	To m	Code	Rock description
170.00	291.00	Upd	Peridotite
291.00	308.00		Peridotite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.1	0.5	0.5	
1.6	0.5	1.0	
1.1	0.5	0.5	
3.6	0.5	3.0	
2.6	0.5	2.0	
0.7	0.1	0.5	
1.0	0.5	0.5	
1.4	0.5	0.9	
1.0	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H741858	0.0955	0.084	249	1440	0.005	0.250	140	3230	
272.00	274.00	2.00	H741859	0.0795	0.063	154	1430	0.003	0.250	140	3320	
274.00	276.00	2.00	H741860	0.1240	0.113	309	1490	0.007	0.250	142	3360	2.86
276.00	278.00	2.00	H741861	0.0635	0.054	163	1405	0.003	0.250	135	3360	
278.00	280.00	2.00	H741862	0.0616	0.050	157	1450	0.002	0.250	137	3460	
280.00	281.00	1.00	H741863	0.0478	0.039	118	1450	0.001	0.250	137	3680	
281.00	282.00	1.00	H741864	0.0726	0.061	136	1420	0.002	0.250	135	3760	
282.00	283.00	1.00	H741865	0.0802	0.066	163	1350	0.005	0.250	126	3570	
283.00	284.00	1.00	H741866	0.0571	0.048	138	1340	0.002	0.250	126	3750	
284.00	286.00	2.00	H741867	0.0694	0.060	172	1430	0.003	0.250	129	3770	2.84
286.00	288.00	2.00	H741868	0.1010	0.089	189	1470	0.004	0.250	136	4030	
288.00	291.00	3.00	H741869	0.2470	0.225	494	1560	0.013	0.250	136	3540	
291.00	293.00	2.00	H741871	0.3420	0.328	822	1625	0.021	0.700	141	3320	
293.00	295.00	2.00	H741872	0.3350	0.326	942	1670	0.021	0.600	143	3160	
295.00	297.00	2.00	H741873	0.1455	0.127	358	1435	0.008	0.250	136	3420	2.92
297.00	299.00	2.00	H741874	0.0851	0.070	241	1325	0.003	0.250	130	3300	
299.00	300.00	1.00	H741875	0.1180	0.100	293	1360	0.006	0.250	133	3370	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-135

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology From m	To m	Code	Rock description
291.00	308.00	Upd	Peridotite
308.00	325.95	Mgm	Gabbro - Melanocratic
325.95	375.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0	0.5	0.5	
1.5	0.5	1.0	
1.0	0.5	0.5	
1.5	0.5	1.0	
1.0	0.5	0.5	
1.4	0.5	0.9	
1.9	0.9	1.0	
1.5	0.5	0.5	0.5
2.0	0.5	0.5	1.0
3.8	0.9	0.9	2.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H741876	0.0876	0.072	214	1235	0.004	0.250	126	3010	
302.00	304.00	2.00	H741877	0.0739	0.062	187	1195	0.003	0.250	125	3000	
304.00	306.00	2.00	H741878	0.0860	0.076	251	1160	0.004	0.250	120	2710	2.80
306.00	308.00	2.00	H741879	0.0861	0.074	241	1195	0.004	0.250	124	2840	
308.00	310.00	2.00	H741881	0.1195	0.108	334	1230	0.007	0.250	124	2920	
310.00	312.00	2.00	H741882	0.0928	0.078	274	1200	0.004	0.250	125	2720	
312.00	314.00	2.00	H741883	0.1235	0.106	434	1210	0.007	0.250	125	2690	
314.00	316.00	2.00	H741884	0.1230	0.110	388	1150	0.007	0.800	122	2610	2.94
316.00	318.00	2.00	H741885	0.0941	0.081	291	1100	0.005	0.500	119	2610	
318.00	320.00	2.00	H741886	0.1005	0.090	328	1070	0.005	0.250	115	2690	
320.00	322.00	2.00	H741887	0.0851	0.072	287	1030	0.005	0.250	110	2600	
322.00	324.00	2.00	H741888	0.0480	0.039	164	878	0.002	0.250	99	2080	
324.00	325.00	1.00	H741889	0.1245	0.113	381	849	0.007	0.250	99	1700	2.97
325.00	325.95	0.95	H741891	0.2260	0.199	688	882	0.014	0.250	102	1565	
325.95	328.00	2.05	H741892	0.0043	0.004	3	79	0.001	0.250	21	120	
328.00	330.00	2.00	H741893	0.0014	0.001	8	55	0.001	0.250	15	90	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-135

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
325.95	375.00	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

330
335
340
345
350
355
360

Hole Number: BL09-135

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/07/2009
End Date: 02/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

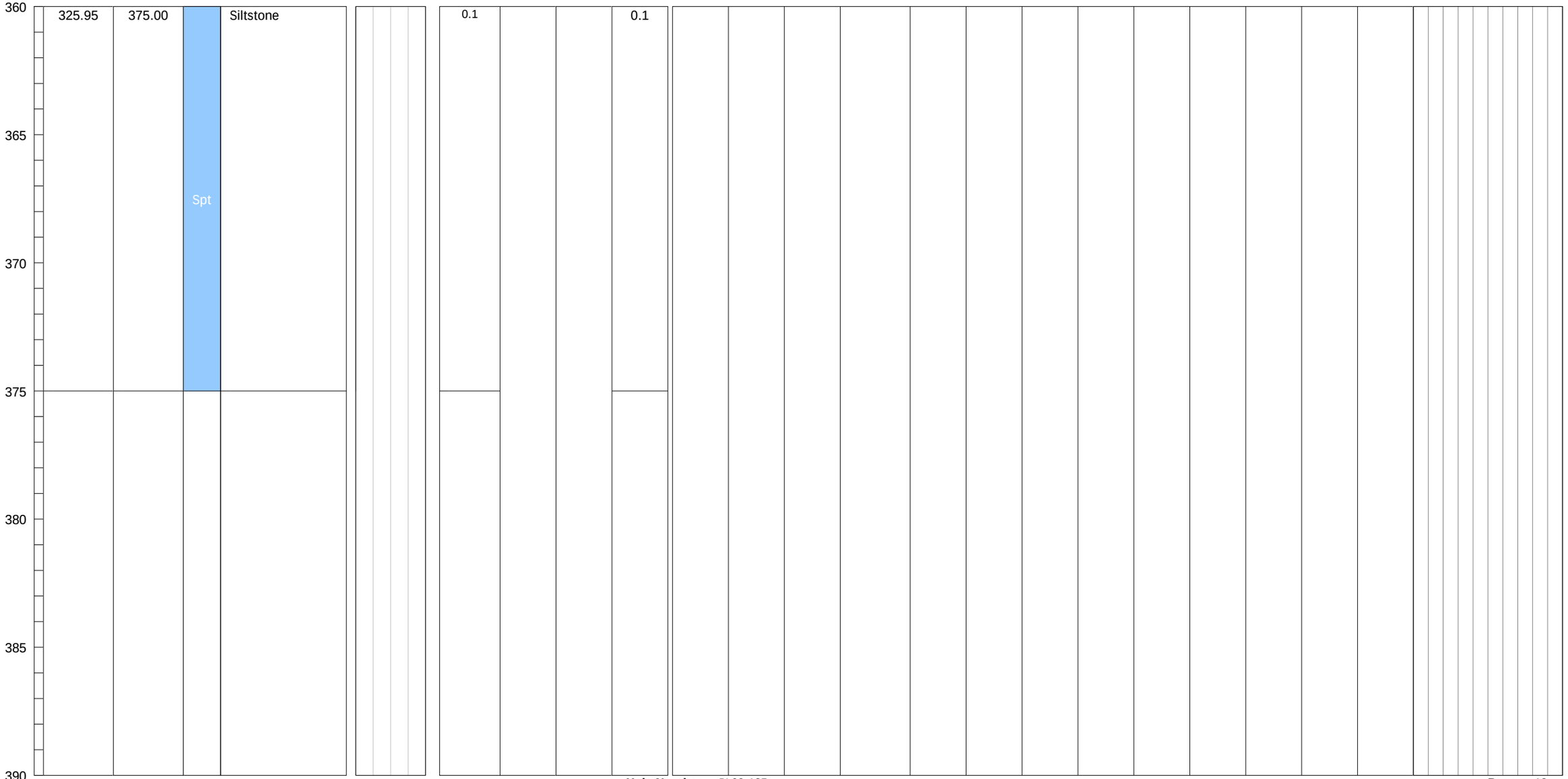
Coordinates (NAD 83, Zone 16)

Northing: 5402349.76
Easting: 358501.73
Elevation: 472.59

Azimuth: 182.7°
Dip: -77.40°
Final Depth: 375.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
325.95	375.00	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10



Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
0.00	2.00	Ovg	Overburden - Glacial
2.00	13.00	Spt	Siltstone
13.00	14.00	Fgr	Granite
14.00	108.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

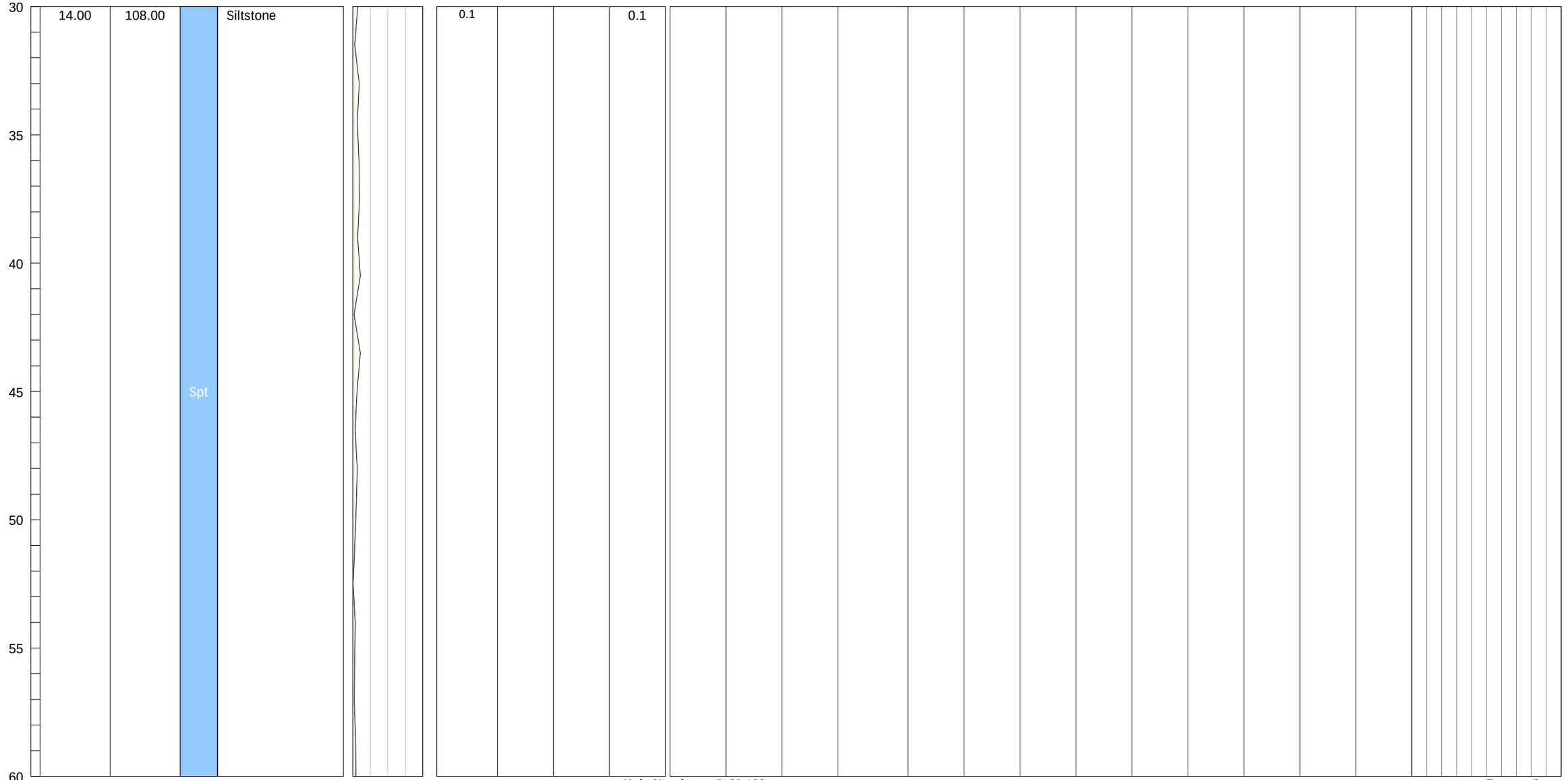
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
14.00	108.00	Spt	Siltstone



Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
14.00	108.00	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

60
65
70
75
80
85
90

Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
14.00	108.00	Spt	Siltstone
108.00	109.50	Fqg	Quartz monzonite
109.50	116.40	Spt	Siltstone
116.40	116.55		No Sample Void
116.55	145.75	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
116.55	145.75	Spt	Siltstone
145.75	147.35		Hybrid Classic Red
147.35	159.75	Hr	Hybrid Classic Red

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
141.00	144.00	3.00	H741894	0.0016	0.001	5	43	0.002	0.250	15	72	2.60
144.00	145.75	1.75	H741895	0.0033	0.003	4	44	0.002	0.250	14	87	
145.75	147.75	2.00	H741896	0.0618	0.055	90	54	0.004	0.250	16	109	
147.75	149.75	2.00	H741897	0.0098	0.005	8	39	0.002	0.250	21	115	
149.75	151.75	2.00	H741898	0.0068	0.003	42	34	0.002	0.250	22	66	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
147.35	159.75	Hr	Hybrid Classic Red
159.75	165.25	Mgvt	Gabbro - VariTextured
165.25	305.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.0			1.0
0.5			0.5
0.3	0.1	0.1	0.1
1.5	0.5	0.9	0.1
0.7	0.1	0.5	0.1
1.1	0.1	1.0	
0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.75	151.75	2.00	H741898	0.0068	0.003	42	34	0.002	0.250	22	66	
151.75	153.75	2.00	H741899	0.0007	0.001	1	16	0.001	0.250	20	37	2.68
153.75	155.75	2.00	H741900	0.0005	0.001	166	11	0.001	0.250	18	18	
155.75	157.75	2.00	H741901	0.0013	0.001	1	78	0.001	0.250	27	164	
157.75	159.75	2.00	H741902	0.0010	0.001	142	40	0.001	0.250	33	37	
159.75	161.75	2.00	H741903	0.0117	0.005	393	287	0.003	0.250	45	387	
161.75	163.75	2.00	H741904	0.0003	0.001	199	184	0.001	0.250	34	606	2.96
163.75	165.25	1.50	H741905	0.0023	0.002	172	184	0.002	0.250	33	534	
165.25	167.00	1.75	H741906	0.0435	0.040	170	809	0.004	0.900	105	1550	
167.00	169.00	2.00	H741907	0.0839	0.078	296	850	0.007	0.250	106	1660	
169.00	171.00	2.00	H741908	0.1080	0.095	309	960	0.008	0.600	116	1950	
171.00	173.00	2.00	H741909	0.1920	0.173	434	1030	0.013	0.700	118	1990	2.88
173.00	175.00	2.00	H741911	0.1330	0.115	303	915	0.009	0.600	113	1860	
175.00	177.00	2.00	H741912	0.0848	0.074	192	978	0.006	0.250	120	2180	
177.00	179.00	2.00	H741913	0.0644	0.055	140	1010	0.005	0.500	120	2390	
179.00	181.00	2.00	H741914	0.0551	0.046	110	1060	0.004	0.600	125	2420	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

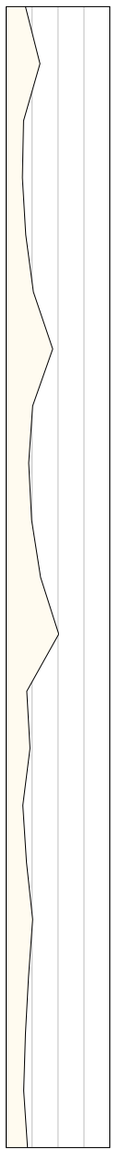
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

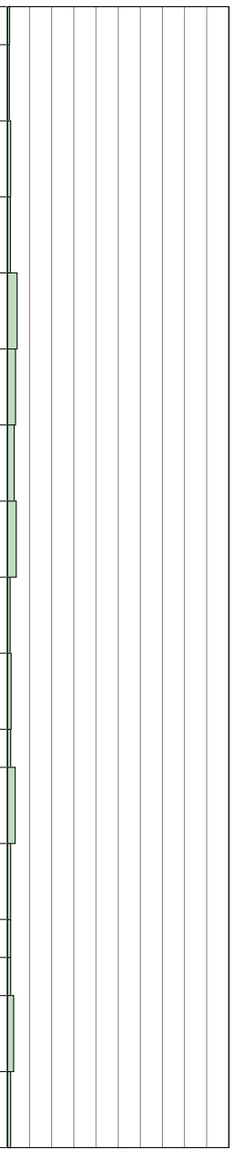
Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
165.25	305.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
1.0	0.1	0.9	
0.6	0.1	0.5	
2.1	0.1	2.0	
1.8	0.9	0.9	
1.0	0.5	0.5	
6.0	0.5	5.5	
4.0	0.5	3.5	
4.4	0.5	3.9	
4.0	0.5	3.5	
5.5	0.5	5.0	
4.4	0.5	3.9	
4.5	0.5	3.9	
4.1	0.5	3.5	
5.0	0.9	4.0	
3.7	0.1	3.5	
6.6	0.5	6.0	
4.9	0.9	3.9	
3.7	0.1	3.5	
5.0	0.5	4.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H741914	0.0551	0.046	110	1060	0.004	0.600	125	2420	
181.00	183.00	2.00	H741915	0.0434	0.040	95	1080	0.003	0.800	127	2570	2.98
183.00	185.00	2.00	H741916	0.0756	0.068	156	1160	0.005	0.250	131	2650	
185.00	187.00	2.00	H741917	0.0700	0.064	161	1170	0.005	0.250	134	2720	
187.00	189.00	2.00	H741918	0.2270	0.208	551	1360	0.016	0.250	140	2780	
189.00	191.00	2.00	H741919	0.1850	0.176	493	1330	0.013	0.700	142	2810	
191.00	193.00	2.00	H741921	0.1590	0.145	392	1290	0.010	0.500	140	2910	2.88
193.00	195.00	2.00	H741922	0.2060	0.194	495	1340	0.015	0.800	134	2770	
195.00	197.00	2.00	H741923	0.0649	0.054	118	1230	0.004	0.500	135	2910	
197.00	199.00	2.00	H741924	0.0899	0.078	181	1220	0.006	0.250	133	2820	
199.00	200.00	1.00	H741925	0.0755	0.070	170	1170	0.005	0.250	128	2780	
200.00	202.00	2.00	H741926	0.1860	0.167	496	1410	0.013	0.700	145	3070	2.93
202.00	204.00	2.00	H741927	0.0793	0.067	159	1320	0.005	0.700	141	3170	
204.00	205.00	1.00	H741928	0.0772	0.067	233	1430	0.007	0.250	149	3420	
205.00	206.00	1.00	H741929	0.0800	0.066	186	1400	0.006	0.600	152	3290	
206.00	208.00	2.00	H741931	0.1490	0.132	340	1400	0.012	0.600	146	3140	
208.00	210.00	2.00	H741932	0.0804	0.066	164	1370	0.005	0.600	148	3260	



Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

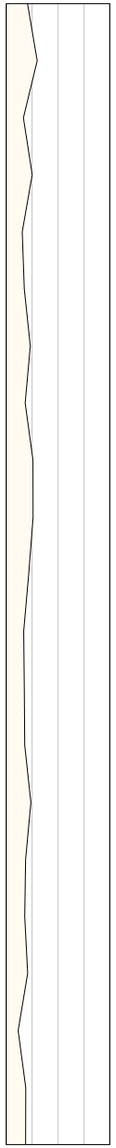
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

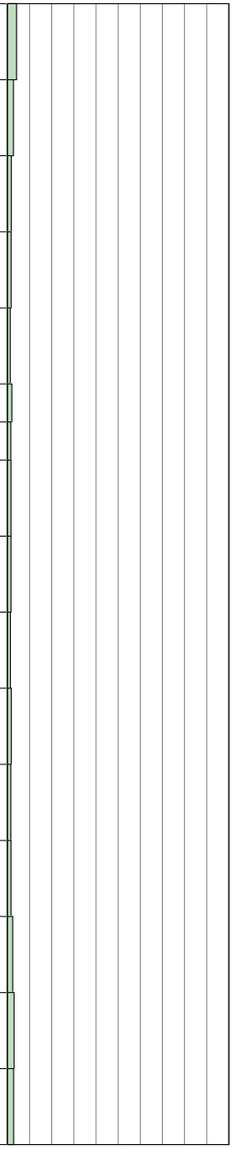
Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
165.25	305.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
5.0	0.5	4.0	
3.7	0.1	3.5	
5.2	0.1	5.0	
3.7	0.1	3.5	
6.2	0.1	6.0	
3.6		3.5	
3.5		3.5	
4.0		4.0	
3.5		3.5	
6.0		6.0	
3.6	0.1	3.5	
3.5		3.5	
4.0		4.0	
3.5		3.5	
3.6		3.5	
3.5		3.5	
4.0		4.0	
3.5		3.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H741933	0.2180	0.191	454	1340	0.018	0.900	138	3010	2.96
212.00	214.00	2.00	H741934	0.1430	0.129	308	1430	0.014	0.250	143	3000	
214.00	216.00	2.00	H741935	0.0936	0.077	156	1350	0.008	0.250	139	3100	
216.00	218.00	2.00	H741936	0.0908	0.074	180	1300	0.007	0.250	142	3080	
218.00	220.00	2.00	H741937	0.0700	0.059	143	1300	0.007	0.250	143	2940	
220.00	221.00	1.00	H741938	0.1070	0.094	217	1290	0.009	0.800	141	2950	2.92
221.00	222.00	1.00	H741939	0.0827	0.071	160	1270	0.007	0.900	138	2980	
222.00	224.00	2.00	H741940	0.0891	0.073	161	1300	0.007	0.250	141	2920	
224.00	226.00	2.00	H741941	0.0853	0.076	172	1300	0.007	0.250	140	3030	
226.00	228.00	2.00	H741942	0.0721	0.062	171	1310	0.007	0.250	142	3100	
228.00	230.00	2.00	H741943	0.0936	0.080	212	1360	0.007	0.250	145	3230	
230.00	232.00	2.00	H741944	0.0812	0.072	187	1380	0.007	0.250	145	3330	2.92
232.00	234.00	2.00	H741945	0.0871	0.074	193	1370	0.008	0.800	142	3280	
234.00	236.00	2.00	H741946	0.1310	0.110	231	1340	0.009	0.600	142	3330	
236.00	238.00	2.00	H741947	0.1570	0.139	322	1420	0.011	0.600	141	3390	
238.00	240.00	2.00	H741948	0.1510	0.125	278	1450	0.011	0.600	141	3280	



Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

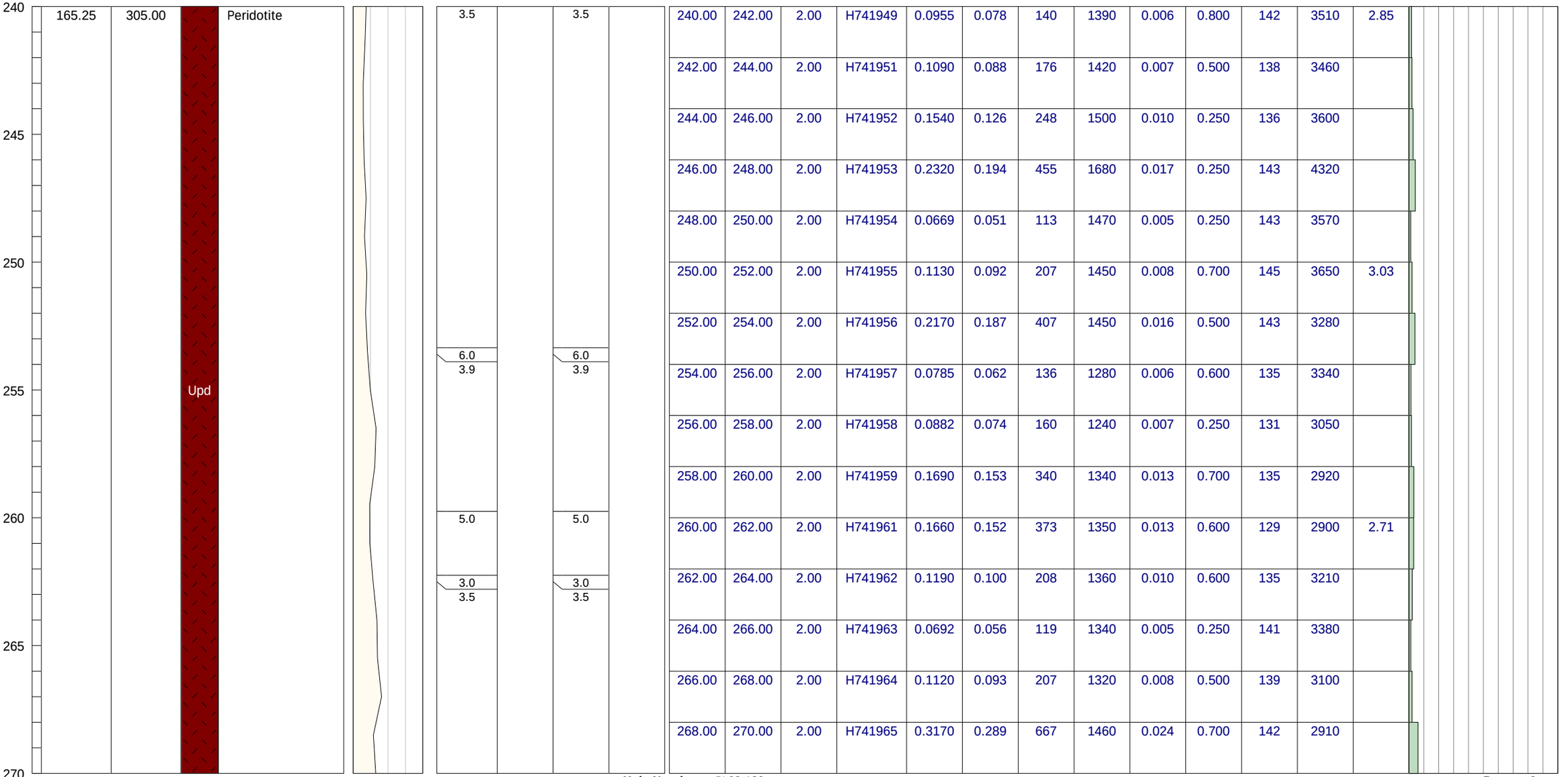
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
165.25	305.00	Upd	Peridotite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H741949	0.0955	0.078	140	1390	0.006	0.800	142	3510	2.85
242.00	244.00	2.00	H741951	0.1090	0.088	176	1420	0.007	0.500	138	3460	
244.00	246.00	2.00	H741952	0.1540	0.126	248	1500	0.010	0.250	136	3600	
246.00	248.00	2.00	H741953	0.2320	0.194	455	1680	0.017	0.250	143	4320	
248.00	250.00	2.00	H741954	0.0669	0.051	113	1470	0.005	0.250	143	3570	
250.00	252.00	2.00	H741955	0.1130	0.092	207	1450	0.008	0.700	145	3650	3.03
252.00	254.00	2.00	H741956	0.2170	0.187	407	1450	0.016	0.500	143	3280	
254.00	256.00	2.00	H741957	0.0785	0.062	136	1280	0.006	0.600	135	3340	
256.00	258.00	2.00	H741958	0.0882	0.074	160	1240	0.007	0.250	131	3050	
258.00	260.00	2.00	H741959	0.1690	0.153	340	1340	0.013	0.700	135	2920	
260.00	262.00	2.00	H741961	0.1660	0.152	373	1350	0.013	0.600	129	2900	2.71
262.00	264.00	2.00	H741962	0.1190	0.100	208	1360	0.010	0.600	135	3210	
264.00	266.00	2.00	H741963	0.0692	0.056	119	1340	0.005	0.250	141	3380	
266.00	268.00	2.00	H741964	0.1120	0.093	207	1320	0.008	0.500	139	3100	
268.00	270.00	2.00	H741965	0.3170	0.289	667	1460	0.024	0.700	142	2910	

Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

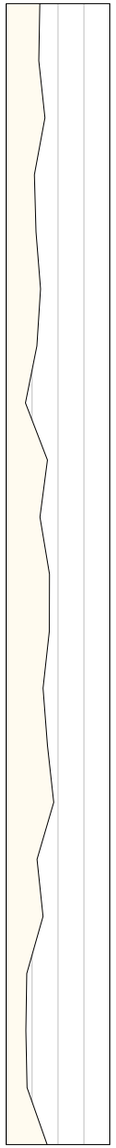
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

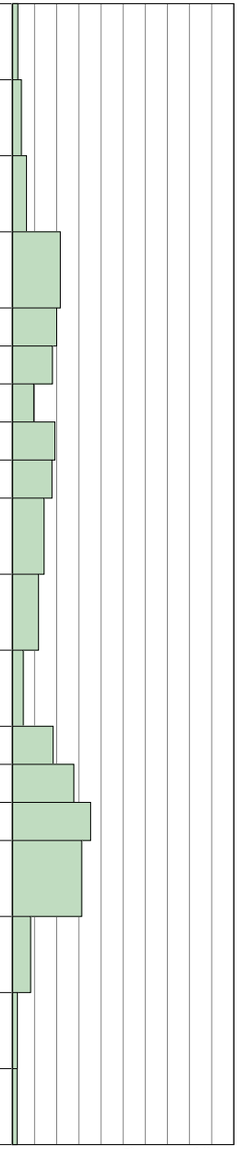
Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
165.25	305.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
3.5		3.5	
5.0		5.0	
3.9		3.9	
5.0	0.5	4.0	
7.0	0.5	6.0	
9.0	0.5	8.0	
4.9	0.5	3.9	
7.0	0.5	6.0	
4.0	0.5	3.0	
1.9		1.0	
1.4		0.5	
1.5		1.0	
0.6		0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H741966	0.1330	0.115	297	1310	0.010	0.600	141	2940	2.86
272.00	274.00	2.00	H741967	0.2130	0.188	454	1370	0.017	1.000	139	2860	
274.00	276.00	2.00	H741968	0.3280	0.308	729	1380	0.025	0.700	135	2800	
276.00	278.00	2.00	H741969	1.0900	1.070	2300	2110	0.070	1.500	158	3040	
278.00	279.00	1.00	H741971	1.0200	0.980	2240	2070	0.070	1.900	163	3280	
279.00	280.00	1.00	H741972	0.9570	0.847	2070	2070	0.063	1.800	159	3000	
280.00	281.00	1.00	H741973	0.5070	0.452	1095	1570	0.036	1.100	137	3110	2.81
281.00	282.00	1.00	H741974	0.9800	0.940	2240	2190	0.060	1.200	155	3050	
282.00	283.00	1.00	H741975	0.9310	0.854	2050	2130	0.060	1.200	151	3060	
283.00	285.00	2.00	H741976	0.7380	0.688	1520	1960	0.045	1.100	150	3040	
285.00	287.00	2.00	H741977	0.6230	0.552	1275	2040	0.038	0.700	151	3460	
287.00	289.00	2.00	H741978	0.2660	0.223	536	1715	0.018	0.600	146	3670	
289.00	290.00	1.00	H741979	0.9760	0.864	2040	2290	0.066	1.200	162	3710	
290.00	291.00	1.00	H741980	1.4400	1.330	3020	2790	0.090	1.900	176	3640	2.90
291.00	292.00	1.00	H741981	1.8500	1.680	3820	3180	0.110	2.700	187	4050	
292.00	294.00	2.00	H741982	1.6600	1.470	3210	2870	0.120	1.900	172	3670	
294.00	296.00	2.00	H741983	0.4350	0.386	878	1775	0.029	0.500	148	3600	
296.00	298.00	2.00	H741984	0.1190	0.104	321	1500	0.008	0.250	143	3560	
298.00	300.00	2.00	H741985	0.1150	0.100	260	1460	0.009	0.250	140	3480	



Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
165.25	305.00	Upd	Peridotite
305.00	317.00	Upd	Peridotite
317.00	333.85	Mgm	Gabbro - Melanocratic

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6		0.5	
1.1		1.0	
0.5		0.5	
0.1		0.1	
1.0		1.0	
0.5		0.5	
1.0		1.0	
0.5		0.5	
3.0		3.0	
0.5		0.5	
1.0		1.0	
0.9		0.9	
3.5	0.5	3.0	
5.9	0.9	5.0	
2.9	0.9	2.0	
1.5	0.5	1.0	
7.0	0.5	6.0	1.0
1.5		1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H741986	0.0944	0.076	199	1450	0.007	0.250	142	3440	2.92
302.00	304.00	2.00	H741987	0.1140	0.097	246	1475	0.009	0.250	144	3550	
304.00	306.00	2.00	H741988	0.0968	0.080	231	1470	0.007	0.250	142	3420	
306.00	308.00	2.00	H741989	0.1160	0.100	266	1455	0.009	0.250	144	3380	
308.00	310.00	2.00	H741991	0.0853	0.074	201	1355	0.007	0.250	140	3060	
310.00	312.00	2.00	H741992	0.0789	0.064	183	1345	0.006	0.250	137	3090	3.04
312.00	314.00	2.00	H741993	0.1040	0.087	257	1335	0.008	0.250	134	2930	
314.00	315.00	1.00	H741994	0.0883	0.079	209	1240	0.007	0.900	130	3140	
315.00	316.00	1.00	H741995	0.0703	0.058	165	1220	0.005	0.250	125	3200	
316.00	317.00	1.00	H741996	0.0929	0.076	224	1230	0.007	0.600	124	3020	
317.00	319.00	2.00	H741997	0.1030	0.087	223	1170	0.007	0.250	122	2770	
319.00	321.00	2.00	H741998	0.0846	0.071	212	1130	0.007	0.250	118	2610	
321.00	323.00	2.00	H741999	0.0770	0.066	212	1110	0.007	0.250	121	2560	2.98
323.00	324.00	1.00	H742001	0.1050	0.089	287	1110	0.008	0.500	118	2660	
324.00	325.00	1.00	H742002	0.5210	0.487	1105	1390	0.037	0.600	126	2880	
325.00	326.00	1.00	H742003	0.7820	0.718	1525	1520	0.052	1.000	127	2760	
326.00	327.00	1.00	H742004	0.8150	0.742	1625	1510	0.054	1.400	127	2700	
327.00	328.00	1.00	H742005	0.0923	0.075	271	1050	0.008	0.250	112	2890	
328.00	329.00	1.00	H742006	0.3970	0.423	987	1440	0.019	0.700	118	2470	
329.00	330.00	1.00	H742007	0.1110	0.097	286	997	0.009	0.250	106	2500	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-136

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
End Date: 05/08/2009

Magma Metals (Canada) Ltd.

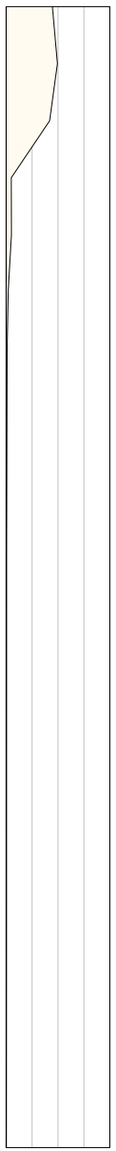
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

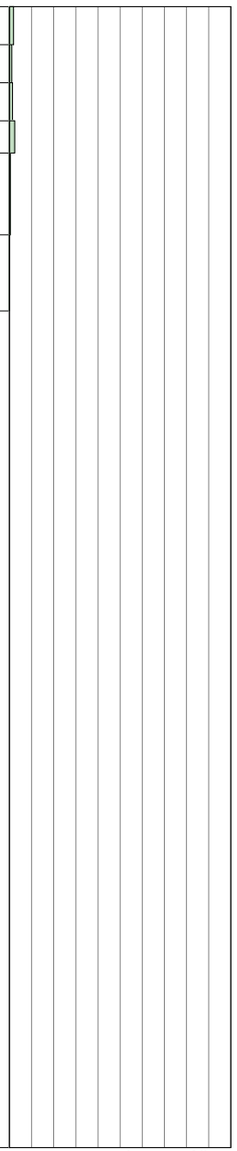
Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology From m	To m	Code	Rock description
317.00	333.85	Mgm	Gabbro - Melanocratic
333.85	384.00	Spt	Siltstone



Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	
3.9	0.9	3.0	
1.4	0.5	0.9	
3.8	0.9	0.9	2.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
330.00	331.00	1.00	H742008	0.0991	0.084	266	861	0.009	0.500	97	2130	
331.00	332.00	1.00	H742009	0.0577	0.047	200	801	0.006	0.250	96	1920	2.94
332.00	333.00	1.00	H742011	0.0788	0.063	208	628	0.008	0.250	82	1510	
333.00	333.85	0.85	H742012	0.1300	0.108	385	702	0.013	0.500	86	1440	
333.85	336.00	2.15	H742013	0.0184	0.019	132	146	0.003	0.250	23	200	
336.00	338.00	2.00	H742014	0.0026	0.003	29	79	0.004	0.250	22	133	



Hole Number: BL09-136

Project: TBN
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Drill Company: George Downing Estate Drilling
Start Date: 03/08/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.61
Easting: 358501.77
Elevation: 472.40

Azimuth: 183.3°
Dip: -74.35°
Final Depth: 384.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
333.85	384.00	Spt	Siltstone		0.1			0.1														

360 365 370 375 380 385 390

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
0.00	2.00	Ovg	Overburden - Glacial
2.00	66.60	Spt	Siltstone

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2			0.2
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

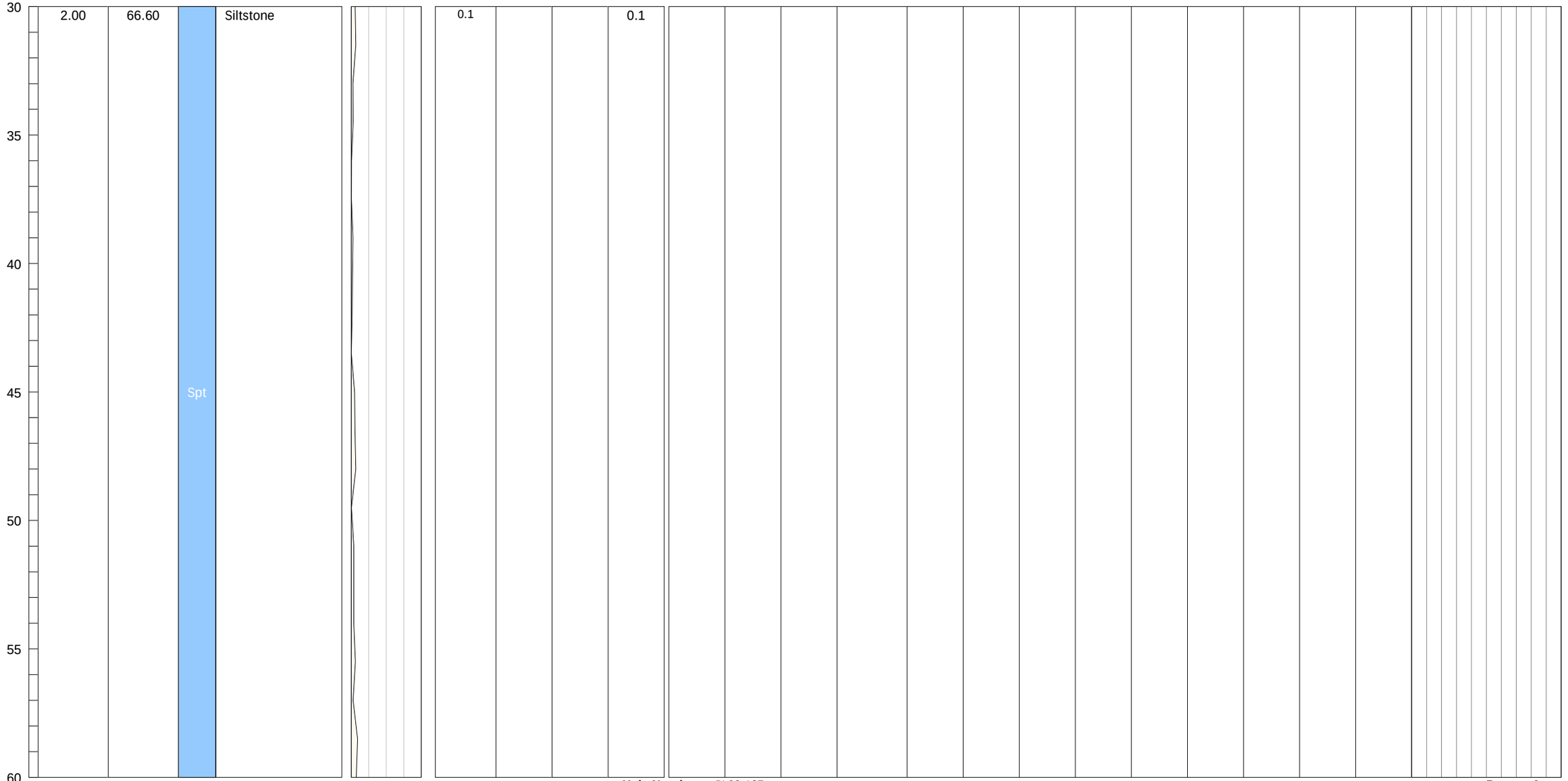
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
2.00	66.60	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
2.00	66.60	Spt	Siltstone
66.60	67.90	Fg	Granite - Undifferentiated
67.90	139.00	Spt	Siltstone

Magsus 0 100 200

Sulphide % 0.1

Cpy % | Po % | Py % 0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

60 65 70 75 80 85 90

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

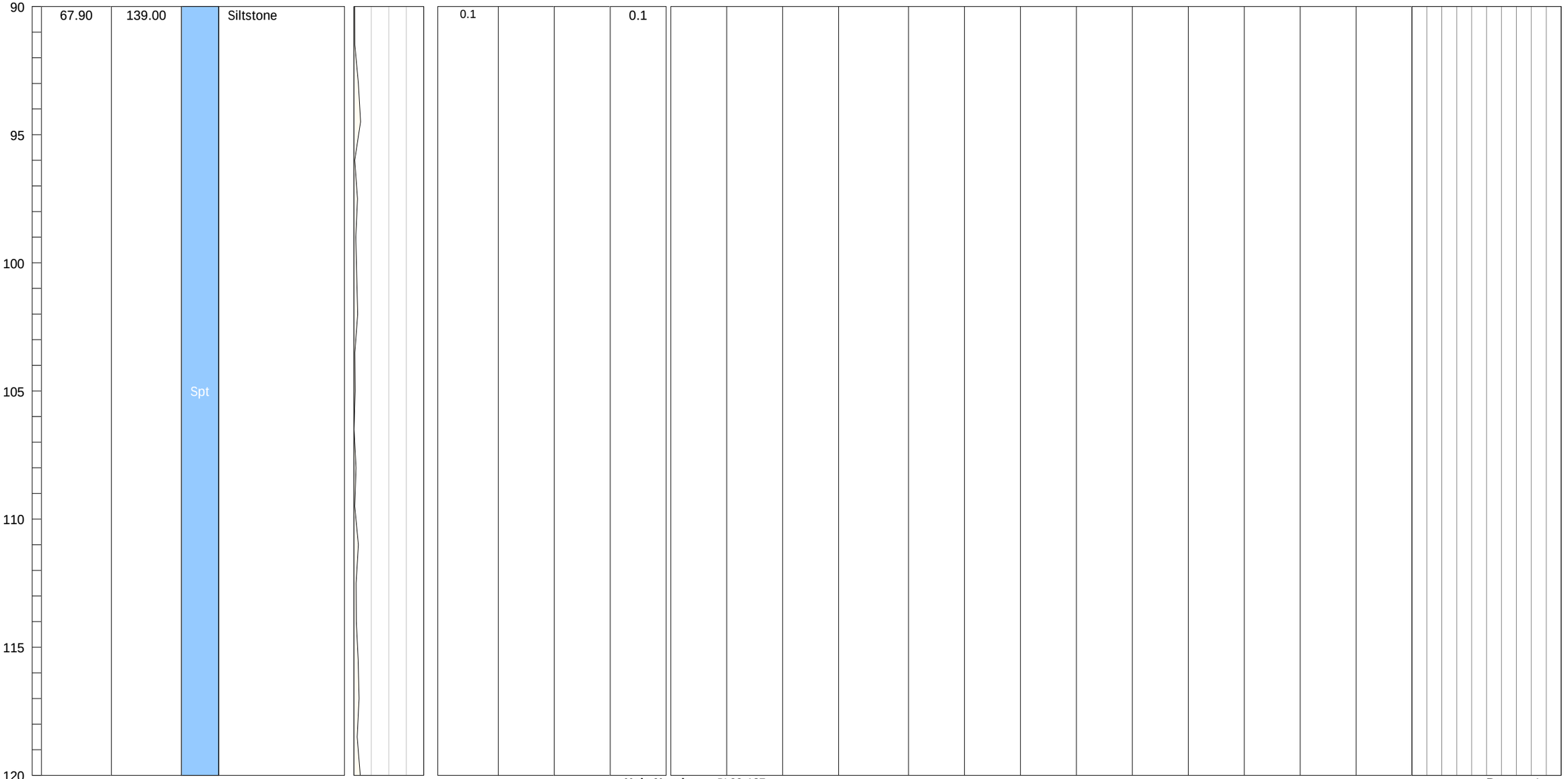
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
67.90	139.00	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

From m	To m	Code	Rock description
67.90	139.00	Spt	Siltstone
139.00	141.45	Hr	Hybrid Classic Red
141.45	150.40	Hr	Hybrid Classic Red

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
1.3	0.1		1.1
0.6			0.6
1.1			1.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
135.00	137.00	2.00	H742015	0.0014	0.001	32	61	0.002	0.250	19	116	
137.00	139.00	2.00	H742016	0.0018	0.001	74	69	0.002	0.250	19	116	
139.00	141.00	2.00	H742017	0.0606	0.055	16	77	0.004	0.250	16	108	
141.00	143.00	2.00	H742018	0.0425	0.038	48	82	0.006	0.250	25	149	
143.00	145.00	2.00	H742019	0.0033	0.001	13	18	0.002	0.250	18	42	2.63
145.00	147.00	2.00	H742020	0.0009	0.001	497	10	0.001	0.250	21	22	
147.00	149.00	2.00	H742021	0.0009	0.001	148	3	0.001	0.250	17	13	
149.00	151.15	2.15	H742022	0.0386	0.022	350	131	0.007	0.250	57	75	

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
141.45	150.40	Hr	Hybrid Classic Red
150.40	151.15	Hg	
151.15	156.25	Upd	Hybrid Grey Peridotite
156.25	156.80	Mgvt	Gabbro - VariTextured
156.80	163.00	Upd	Peridotite
163.00	240.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.1			1.1
4.1	0.5	0.5	4.1
4.0	0.5	0.5	4.0
1.0			1.0
2.0			1.0
1.1			0.1
2.1	1.0	1.0	0.1
1.5		0.9	0.6
3.0	0.9	2.0	0.1
2.0	0.9	1.0	0.1
1.1	1.0	2.0	1.1
3.1	1.0	0.5	0.1
2.4			0.9
1.0	0.5	0.5	
0.7	0.5	0.1	0.1
0.3	0.1	0.1	0.1
0.7	0.1	0.5	0.1
0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.15	2.15	H742022	0.0386	0.022	350	131	0.007	0.250	57	75	
151.15	153.00	1.85	H742023	0.2620	0.250	786	929	0.023	0.700	107	1180	
153.00	154.25	1.25	H742024	0.1500	0.135	383	817	0.010	0.500	110	1530	2.99
154.25	155.25	1.00	H742025	0.6120	0.592	1510	1270	0.039	1.400	124	1720	
155.25	156.25	1.00	H742026	0.4160	0.386	914	1100	0.026	0.900	115	1750	
156.25	156.80	0.55	H742027	0.0059	0.004	91	90	0.002	0.600	39	70	
156.80	158.00	1.20	H742028	0.3300	0.312	742	1020	0.021	0.600	116	1890	
158.00	160.00	2.00	H742029	0.3360	0.293	771	1130	0.021	0.600	122	1985	
160.00	161.00	1.00	H742031	0.3230	0.302	978	1050	0.022	0.900	108	1795	
161.00	163.00	2.00	H742032	0.1950	0.177	662	1150	0.015	0.600	122	2030	
163.00	165.00	2.00	H742033	0.0898	0.073	288	1070	0.007	0.250	124	2370	2.98
165.00	167.00	2.00	H742034	0.0656	0.053	235	1010	0.006	0.250	122	2120	
167.00	169.00	2.00	H742035	0.0759	0.063	233	1130	0.007	0.500	130	2290	
169.00	171.00	2.00	H742036	0.0572	0.041	147	1140	0.005	0.250	131	2530	
171.00	173.00	2.00	H742037	0.0523	0.046	149	1190	0.005	0.250	133	2750	
173.00	175.00	2.00	H742038	0.0599	0.049	139	1270	0.005	0.250	143	2840	3.06
175.00	177.00	2.00	H742039	0.1380	0.088	141	1270	0.011	0.250	138	2840	
177.00	179.00	2.00	H742041	0.0885	0.072	202	1310	0.008	0.250	144	2810	
179.00	181.00	2.00	H742042	0.0759	0.062	121	1330	0.005	0.250	143	2880	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
163.00	240.00	Upd	Peridotite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
0.2	0.1	0.1	
0.6	0.1	0.5	
1.0	0.5	0.5	
1.1	0.1	1.0	
0.2	0.1	0.1	
1.8	0.9	0.9	
1.0	0.5	0.5	
2.5	0.5	2.0	
1.0	0.5	0.5	
1.1	0.5	0.5	
3.6	0.5	3.0	
1.1	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H742042	0.0759	0.062	121	1330	0.005	0.250	143	2880	
181.00	183.00	2.00	H742043	0.0882	0.073	143	1340	0.005	0.250	145	2920	
183.00	185.00	2.00	H742044	0.1550	0.129	274	1360	0.010	0.250	148	3100	2.79
185.00	187.00	2.00	H742045	0.0605	0.049	99	1350	0.004	0.250	148	3060	
187.00	189.00	2.00	H742046	0.0672	0.056	162	1350	0.006	0.250	145	2990	
189.00	191.00	2.00	H742047	0.0838	0.071	157	1330	0.007	0.250	143	3110	
191.00	193.00	2.00	H742048	0.0686	0.060	113	1370	0.005	0.250	151	3170	
193.00	195.00	2.00	H742049	0.0721	0.067	125	1340	0.005	0.250	150	3090	2.88
195.00	197.00	2.00	H742051	0.2530	0.229	574	1420	0.015	0.600	153	3100	
197.00	199.00	2.00	H742052	0.1340	0.125	345	1470	0.010	0.500	153	3090	
199.00	201.00	2.00	H742053	0.1160	0.095	212	1360	0.008	0.250	145	3180	
201.00	203.00	2.00	H742054	0.0992	0.085	206	1350	0.007	0.250	152	3030	
203.00	205.00	2.00	H742055	0.0705	0.063	193	1360	0.006	0.250	151	3010	2.99
205.00	206.00	1.00	H742056	0.0609	0.050	132	1360	0.005	0.250	152	3000	
206.00	207.00	1.00	H742057	0.0530	0.042	154	1320	0.005	0.250	146	2980	
207.00	209.00	2.00	H742058	0.0944	0.079	246	1380	0.007	0.250	151	3030	
209.00	211.00	2.00	H742059	0.0762	0.068	203	1390	0.006	0.250	150	3140	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

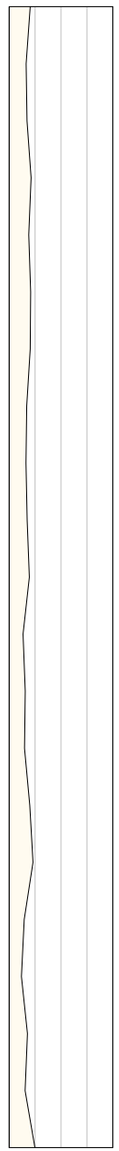
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

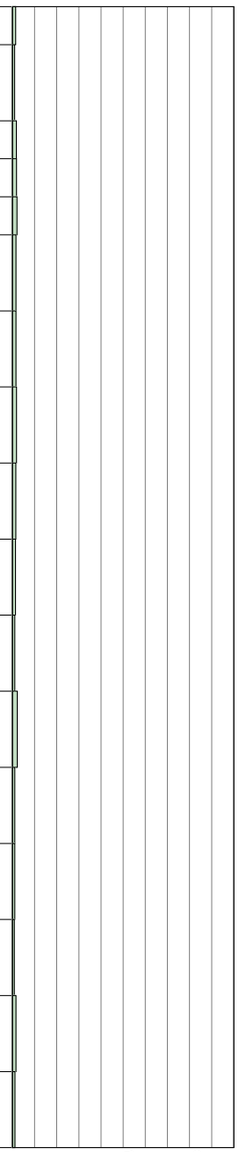
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
163.00	240.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
1.1	0.5	0.5	
3.6	0.5	3.0	
1.1	0.5	0.5	
5.6	0.5	5.0	
1.1	0.5	0.5	
0.7	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H742059	0.0762	0.068	203	1390	0.006	0.250	150	3140	
211.00	213.00	2.00	H742060	0.0565	0.046	136	1370	0.004	0.250	145	3270	
213.00	214.00	1.00	H742061	0.0958	0.084	250	1420	0.007	0.250	147	3220	2.93
214.00	215.00	1.00	H742062	0.1030	0.082	206	1420	0.007	0.500	144	3180	
215.00	216.00	1.00	H742063	0.1120	0.094	223	1380	0.008	0.250	142	3440	
216.00	218.00	2.00	H742064	0.0848	0.071	153	1410	0.006	0.250	145	3210	
218.00	220.00	2.00	H742065	0.0863	0.072	152	1440	0.005	0.250	145	3280	
220.00	222.00	2.00	H742066	0.1010	0.082	186	1500	0.007	0.250	140	3590	
222.00	224.00	2.00	H742067	0.0854	0.064	165	1520	0.006	0.250	144	4140	3.01
224.00	226.00	2.00	H742068	0.0776	0.059	152	1490	0.006	0.250	145	3660	
226.00	228.00	2.00	H742069	0.0614	0.046	114	1420	0.004	0.250	147	3260	
228.00	230.00	2.00	H742071	0.1220	0.094	219	1370	0.009	0.250	143	3250	
230.00	232.00	2.00	H742072	0.0589	0.049	96	1250	0.004	0.250	135	2750	
232.00	234.00	2.00	H742073	0.0571	0.048	107	1310	0.005	0.250	138	2920	2.91
234.00	236.00	2.00	H742074	0.0499	0.034	86	1340	0.004	0.250	140	3210	
236.00	238.00	2.00	H742075	0.0861	0.071	158	1320	0.007	0.250	142	2980	
238.00	240.00	2.00	H742076	0.0635	0.052	116	1260	0.004	0.250	141	2870	



Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

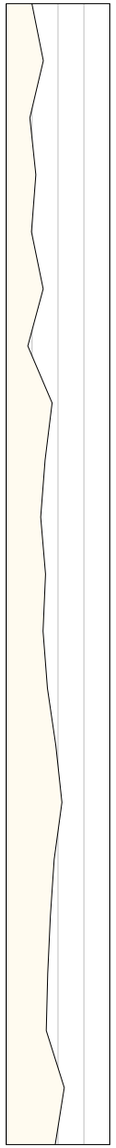
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

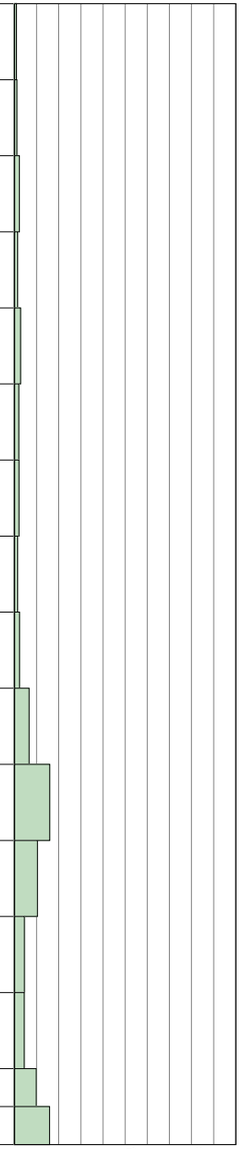
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology From m	To m	Code	Rock description
240.00	249.00	Upd	Peridotite
249.00	293.45	Mgm	Gabbro - Melanocratic



Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
1.5	0.5	1.0	
1.0	0.5	0.5	
2.5	0.5	2.0	
1.0	0.5	0.5	
1.5	0.5	1.0	
0.6	0.1	0.5	
1.5	0.5	1.0	
0.6	0.1	0.5	
2.5	0.5	2.0	
1.4	0.5	0.9	
2.5	0.5	2.0	
3.5	0.5	3.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H742077	0.0516	0.039	127	1210	0.004	0.250	135	2580	
242.00	244.00	2.00	H742078	0.0623	0.051	145	1230	0.005	0.250	132	2790	2.87
244.00	246.00	2.00	H742079	0.1220	0.105	280	1370	0.009	0.250	140	2970	
246.00	248.00	2.00	H742081	0.0801	0.067	220	1330	0.006	0.250	137	2870	
248.00	250.00	2.00	H742082	0.1435	0.132	352	1360	0.011	0.500	133	2850	
250.00	252.00	2.00	H742083	0.1050	0.092	274	1390	0.008	0.250	138	3160	
252.00	254.00	2.00	H742084	0.1115	0.096	274	1410	0.009	0.250	136	3320	2.90
254.00	256.00	2.00	H742085	0.0799	0.067	176	1340	0.006	0.250	132	3330	
256.00	258.00	2.00	H742086	0.1260	0.106	275	1420	0.010	0.250	136	3560	
258.00	260.00	2.00	H742087	0.3430	0.320	807	1690	0.025	0.800	140	3720	
260.00	262.00	2.00	H742088	0.8240	0.767	2040	2210	0.058	1.500	156	3680	
262.00	264.00	2.00	H742089	0.5350	0.504	1220	1930	0.036	1.100	147	3570	2.83
264.00	266.00	2.00	H742091	0.2330	0.216	540	1560	0.017	0.600	139	3310	
266.00	268.00	2.00	H742092	0.2320	0.211	581	1410	0.016	0.700	134	2930	
268.00	269.00	1.00	H742093	0.5100	0.478	1310	1670	0.038	1.100	142	2910	
269.00	270.00	1.00	H742094	0.7920	0.793	1970	1990	0.056	1.500	150	3020	



Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

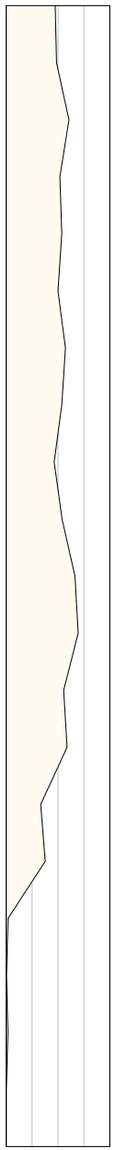
Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

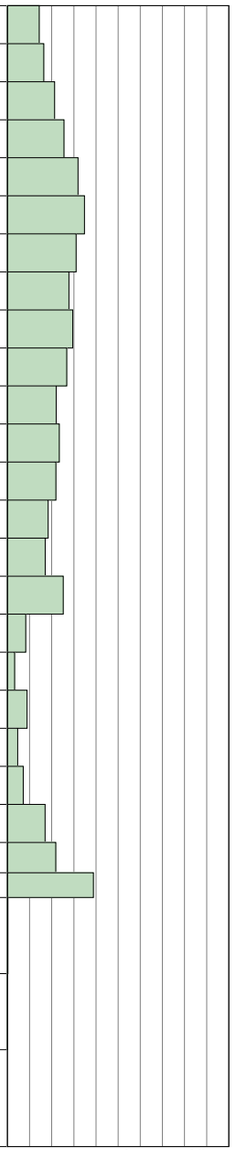
Lithology

From m	To m	Code	Rock description
249.00	293.45	Mgm	Gabbro - Melanocratic
293.45	330.00	Spt	Siltstone



Sulphide %	Cpy %	Po %	Py %
4.0	1.0	3.0	
7.0	2.0	5.0	
6.0	2.0	3.0	1.0
2.4	0.9	1.0	0.5
2.4	0.9	0.5	1.0
3.0	1.0	1.0	1.0
7.0	2.0	2.0	3.0
15.0	3.0	5.0	7.0
1.5	0.5	0.5	0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	271.00	1.00	H742095	0.7300	0.708	1770	1810	0.053	1.600	139	2980	2.91
271.00	272.00	1.00	H742096	0.8460	0.796	1970	2040	0.056	1.500	145	3120	2.93
272.00	273.00	1.00	H742097	1.0700	1.060	2410	2170	0.070	1.900	151	3100	2.88
273.00	274.00	1.00	H742098	1.2900	1.260	2640	2100	0.080	2.100	153	3010	2.88
274.00	275.00	1.00	H742099	1.6400	1.550	3260	2380	0.100	2.500	165	3030	2.91
275.00	276.00	1.00	H742100	1.7800	1.700	3630	2630	0.110	2.400	169	2970	2.92
276.00	277.00	1.00	H742101	1.6000	1.500	3180	2380	0.100	2.700	163	2880	2.85
277.00	278.00	1.00	H742102	1.4300	1.350	2930	2240	0.090	2.500	156	2860	2.97
278.00	279.00	1.00	H742103	1.5100	1.440	2990	2230	0.100	2.400	157	2520	2.91
279.00	280.00	1.00	H742104	1.3700	1.310	2820	2160	0.090	2.500	150	2560	2.91
280.00	281.00	1.00	H742105	1.1300	1.070	2340	1930	0.070	2.100	139	2360	2.86
281.00	282.00	1.00	H742106	1.2000	1.140	2420	1980	0.080	2.200	146	2370	2.90
282.00	283.00	1.00	H742107	1.1200	1.070	2420	1850	0.070	2.200	138	2340	2.97
283.00	284.00	1.00	H742108	0.9550	0.885	2190	1650	0.074	2.200	132	2340	2.94
284.00	285.00	1.00	H742109	0.8730	0.835	2460	1960	0.062	2.100	145	2320	2.83
285.00	286.00	1.00	H742111	1.3100	1.210	2950	2100	0.090	2.500	141	2430	2.89
286.00	287.00	1.00	H742112	0.4280	0.399	983	1290	0.033	1.400	115	2220	2.98
287.00	288.00	1.00	H742113	0.1695	0.156	442	997	0.013	0.900	106	2160	2.96
288.00	289.00	1.00	H742114	0.4250	0.459	1055	1190	0.024	1.300	107	1880	2.95
289.00	290.00	1.00	H742115	0.2360	0.226	663	1040	0.017	0.250	109	2020	2.90
290.00	291.00	1.00	H742116	0.3600	0.355	1020	1090	0.027	0.900	105	1850	2.91
291.00	292.00	1.00	H742117	0.8560	0.845	2510	1660	0.064	1.800	126	1750	2.93
292.00	292.80	0.80	H742118	1.1200	1.060	2910	1730	0.090	2.000	132	1690	2.88
292.80	293.45	0.65	H742119	2.0300	1.850	5030	2270	0.170	3.800	144	2320	2.86
293.45	295.45	2.00	H742121	0.0107	0.009	91	75	0.002	0.250	20	125	
295.45	297.45	2.00	H742122	0.0035	0.003	28	74	0.002	0.250	20	122	



Hole Number: BL09-137

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/08/2009
End Date: 08/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.88
Easting: 358501.40
Elevation: 474.66

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 330.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
293.45	330.00	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

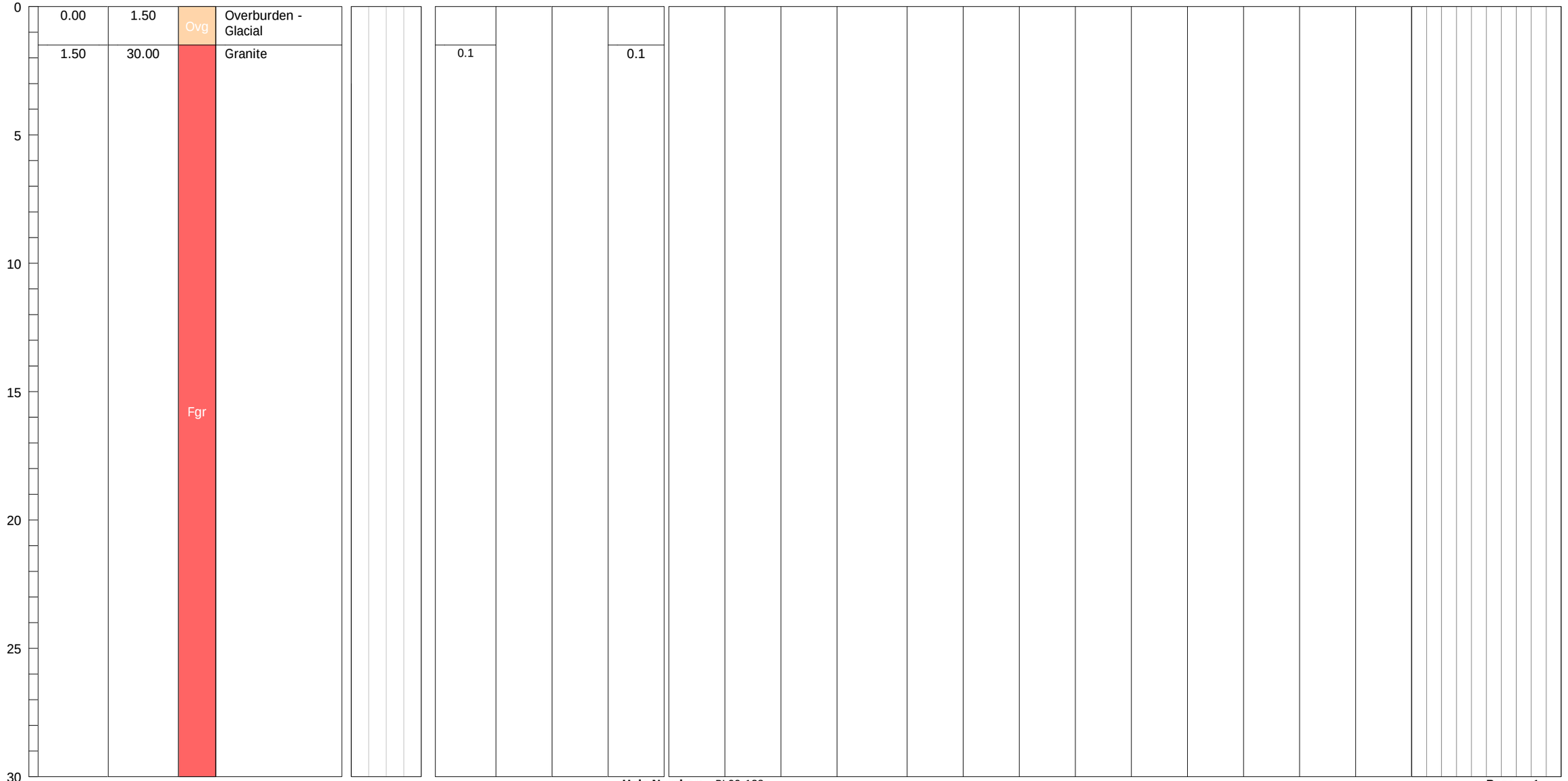
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	30.00	Fgr	Granite



Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
30.00	31.00	Fgq	Quartz monzonite		0.1			0.1														
31.00	31.75	Fgr	Granite																			
31.75	33.25	Fgq	Quartz monzonite																			
33.25	34.00	Fgr	Granite																			
34.00	34.80	Fgq	Quartz monzonite																			
34.80	75.20	Fgr	Granite																			

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
34.80	75.20	Fgr	Granite		0.1			0.1														
75.20	77.40	Fgq	Quartz monzonite																			
77.40	81.75	Fgr	Granite																			
81.75	83.40	Fgq	Quartz monzonite																			
83.40	84.00	Fgr	Granite																			
84.00	84.80	Fgq	Quartz monzonite																			
84.80	92.00	Fgr	Granite																			

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

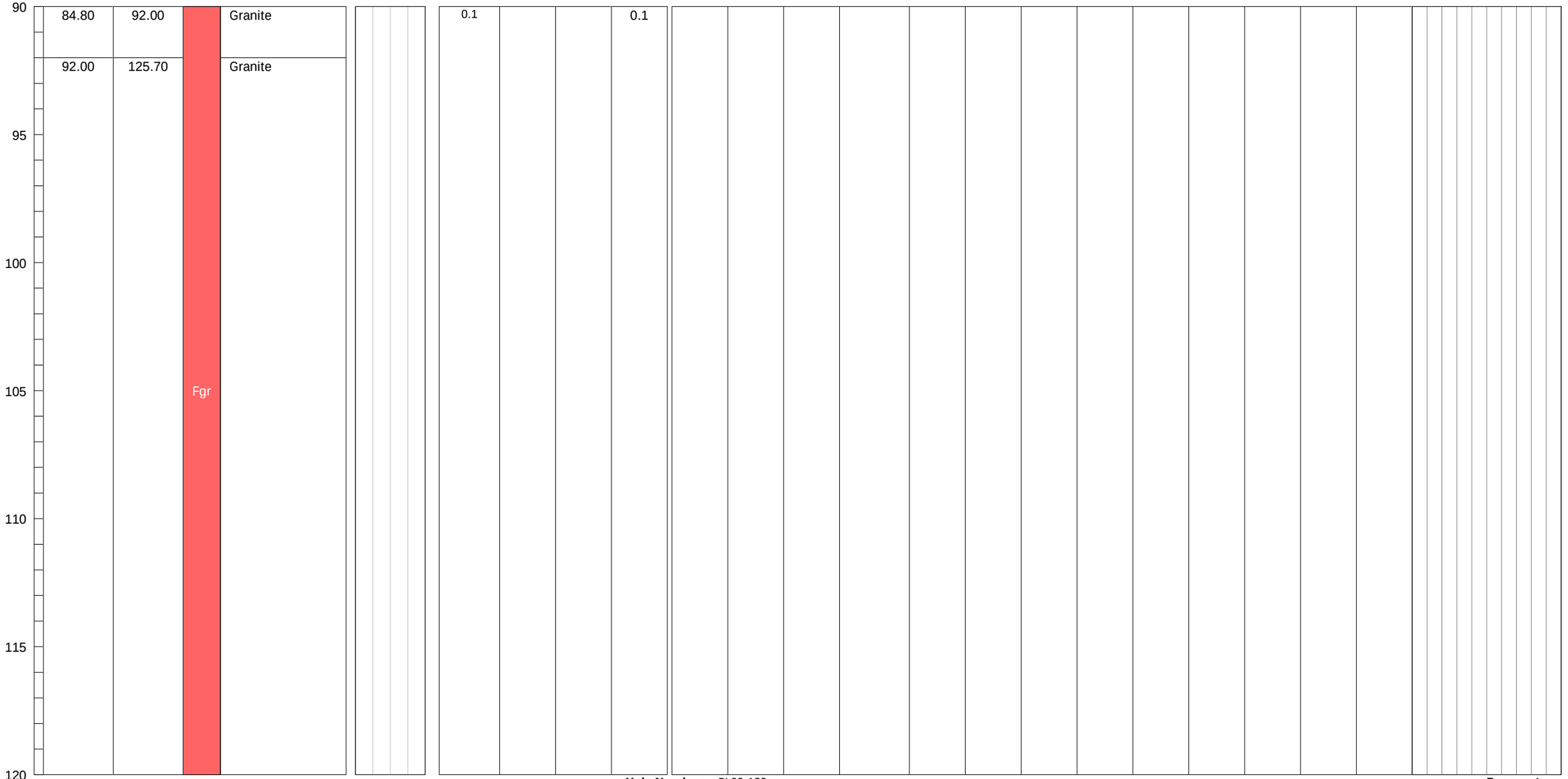
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description
84.80	92.00	Fgr	Granite
92.00	125.70		Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

From m	To m	Code	Rock description
92.00	125.70	Fgr	Granite
125.70	127.45	Fgq	Quartz monzonite
127.45	131.10	Fgr	Granite
131.10	134.15	Spt	Siltstone
134.15	135.60	Fgr	Granite
135.60	139.00	Fgr	Granite
139.00	142.20	Spt	Siltstone
142.20	150.00	Fgr	Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2			0.1
0.1			0.1
0.5			0.5
1.0			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description
150.00	151.30	Spt	Siltstone
151.30	153.00	Fg	Granite - Undifferentiated
153.00	161.30	Mgvt	Gabbro - VariTextured
161.30	260.40	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
		0.1			0.1
		0.2			0.2
		1.0			1.0
		3.1			3.1
		3.0			3.0
		1.4		0.9	0.5
		0.5		0.5	
		1.1		1.0	0.1
		0.6		0.5	0.1
		1.0		0.9	0.1
		0.6		0.5	0.1
		1.1	0.5	0.5	0.1
		2.1		2.0	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
154.00	156.00	2.00	H742123	0.0021	0.001	38	10	0.002	0.250	2	13	
156.00	158.00	2.00	H742124	0.0003	0.001	18	4	0.001	0.250	4	7	
158.00	160.00	2.00	H742125	0.0142	0.008	294	211	0.007	0.250	52	462	2.80
160.00	161.30	1.30	H742126	0.0026	0.001	173	124	0.002	0.250	38	323	
161.30	163.00	1.70	H742127	0.0473	0.038	263	672	0.006	0.250	104	1440	
163.00	165.00	2.00	H742128	0.0234	0.016	138	784	0.003	0.250	110	1900	
165.00	167.00	2.00	H742129	0.0175	0.012	131	862	0.003	0.250	115	2120	
167.00	169.00	2.00	H742131	0.0438	0.032	154	934	0.004	0.250	118	2290	
169.00	171.00	2.00	H742132	0.0318	0.024	168	966	0.003	0.250	123	2390	2.94
171.00	173.00	2.00	H742133	0.0461	0.037	197	962	0.005	0.250	121	2400	
173.00	175.00	2.00	H742134	0.0553	0.046	191	997	0.005	0.250	125	2340	
175.00	177.00	2.00	H742135	0.0552	0.048	170	1010	0.005	0.250	127	2430	
177.00	179.00	2.00	H742136	0.0785	0.073	250	1100	0.008	0.250	127	2410	2.85
179.00	181.00	2.00	H742137	0.0451	0.037	121	1070	0.005	0.250	125	2620	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description
161.30	260.40	Mgm	Gabbro - Melanocratic

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
2.1		2.0	0.1
1.0		0.9	0.1
2.1		2.0	0.1
0.6		0.5	0.1
2.6	0.5	2.0	0.1
1.6	0.5	1.0	0.1
1.2	0.1	1.0	0.1
2.2	0.1	2.0	0.1
1.2	0.1	1.0	0.1
1.1	0.1	1.0	
0.6	0.1	0.5	
1.5	0.5	1.0	
0.5		0.5	
1.0		1.0	
0.5		0.5	
1.0		1.0	
1.4	0.5	0.9	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H742137	0.0451	0.037	121	1070	0.005	0.250	125	2620	
181.00	183.00	2.00	H742138	0.0454	0.037	118	1080	0.004	0.250	128	2720	
183.00	185.00	2.00	H742139	0.0490	0.041	111	1070	0.004	0.250	129	2530	
185.00	187.00	2.00	H742140	0.0296	0.026	93	1060	0.003	0.250	129	2500	
187.00	189.00	2.00	H742141	0.0706	0.060	165	1110	0.007	0.250	131	2550	2.90
189.00	191.00	2.00	H742142	0.0627	0.053	152	1100	0.005	0.250	130	2650	
191.00	193.00	2.00	H742143	0.0539	0.050	156	1110	0.007	0.250	128	2770	
193.00	195.00	2.00	H742144	0.0524	0.047	146	1160	0.005	0.250	133	2870	
195.00	197.00	2.00	H742145	0.0489	0.042	146	1160	0.005	0.250	132	3040	
197.00	199.00	2.00	H742146	0.0478	0.040	147	1190	0.005	0.250	133	3120	2.93
199.00	201.00	2.00	H742147	0.0559	0.049	141	1200	0.005	0.250	132	3080	
201.00	203.00	2.00	H742148	0.1075	0.093	186	1240	0.008	0.250	135	3230	
203.00	205.00	2.00	H742149	0.0700	0.054	99	1190	0.004	0.250	130	3140	
205.00	207.00	2.00	H742151	0.0618	0.054	135	1230	0.005	0.250	132	3200	
207.00	209.00	2.00	H742152	0.1495	0.136	257	1320	0.010	0.250	134	3370	2.93
209.00	211.00	2.00	H742153	0.1545	0.138	316	1390	0.011	0.250	131	3970	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description
161.30	260.40	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.4	0.5	0.9	
0.5		0.5	
1.0		1.0	
1.4	0.5	0.9	
1.0	0.5	0.5	
0.6	0.1	0.5	
1.1	0.1	1.0	
0.6	0.1	0.5	
1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
209.00	211.00	2.00	H742153	0.1545	0.138	316	1390	0.011	0.250	131	3970		
211.00	213.00	2.00	H742154	0.2080	0.173	384	1500	0.014	0.250	138	4360		
213.00	215.00	2.00	H742155	0.0823	0.069	150	1310	0.007	0.250	134	3540		
215.00	217.00	2.00	H742156	0.0654	0.053	132	1250	0.005	0.250	131	3370		
217.00	219.00	2.00	H742157	0.1325	0.111	235	1340	0.010	0.250	142	3440	2.97	
219.00	221.00	2.00	H742158	0.0918	0.079	183	1200	0.008	0.250	134	2950		
221.00	223.00	2.00	H742159	0.0787	0.074	175	1180	0.007	0.250	133	2790		
223.00	225.00	2.00	H742161	0.0785	0.075	168	1230	0.007	0.250	135	2890		
225.00	227.00	2.00	H742162	0.2620	0.261	572	1350	0.019	0.250	135	2960		
227.00	229.00	2.00	H742163	0.3350	0.321	757	1450	0.025	0.500	143	3080	2.98	
229.00	231.00	2.00	H742164	0.1555	0.144	361	1230	0.012	0.250	140	2760		
231.00	233.00	2.00	H742165	0.1250	0.115	330	1190	0.011	0.250	134	2710		
233.00	235.00	2.00	H742166	0.1225	0.120	341	1180	0.012	0.250	136	2580		
235.00	237.00	2.00	H742167	0.1310	0.124	329	1200	0.010	0.250	132	2720		
237.00	239.00	2.00	H742168	0.1205	0.110	286	1140	0.010	0.250	126	2700	2.97	
239.00	241.00	2.00	H742169	0.1020	0.092	264	1120	0.009	0.250	123	2630		

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

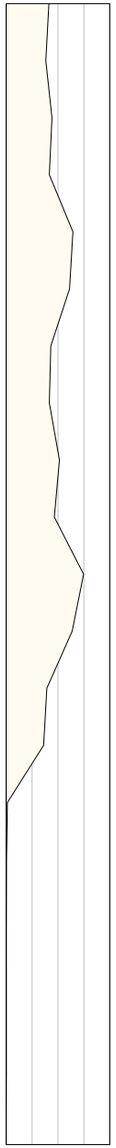
Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology

From m	To m	Code	Rock description
161.30	260.40	Mgm	Gabbro - Melanocratic
260.40	261.75	Spt	Siltstone
261.75	287.50	Spt	Siltstone

Magsus



Sulphide

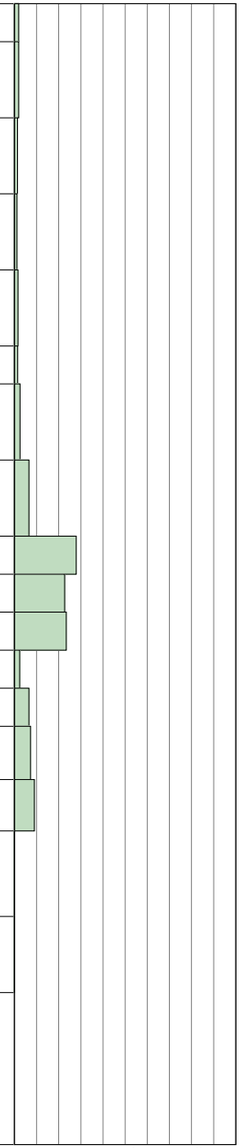
Cpy %	Po %	Py %
1.5	0.5	1.0
1.9	0.9	1.0
2.0	0.9	1.0
1.9	0.9	1.0
2.5	0.5	2.0
2.5	0.5	0.9
1.0		
1.0	0.5	0.5
2.5	0.5	2.0
3.4	0.5	0.9
1.5	0.5	0.5
2.4	1.0	0.9
2.8	1.0	0.9
3.5	1.0	2.0
5.5	2.0	3.0
3.0	1.0	1.0
1.0	0.5	0.5
3.0	0.9	0.1
4.1	1.0	0.1
1.1		0.1
2.1	0.5	
2.6		
2.1		
0.6		

Py %
0.1
2.0
0.1
2.0
0.5
0.5
0.9
0.5
0.5
1.0
2.0
3.0
1.0
2.1
2.1
2.1
0.6

Assays

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H742169	0.1020	0.092	264	1120	0.009	0.250	123	2630	
241.00	243.00	2.00	H742171	0.0999	0.090	287	1110	0.008	0.250	120	2680	
243.00	245.00	2.00	H742172	0.0746	0.065	202	1030	0.007	0.250	116	2540	
245.00	247.00	2.00	H742173	0.0615	0.053	205	1040	0.006	0.250	117	2630	
247.00	249.00	2.00	H742174	0.0849	0.072	247	1080	0.007	0.250	119	2710	2.86
249.00	250.00	1.00	H742175	0.0803	0.068	253	1060	0.007	0.250	115	2660	
250.00	252.00	2.00	H742176	0.1310	0.118	357	1130	0.013	0.250	120	2810	
252.00	254.00	2.00	H742177	0.3290	0.323	852	1325	0.026	0.250	123	2630	
254.00	255.00	1.00	H742178	1.4300	1.360	3330	2250	0.100	1.500	147	2530	
255.00	256.00	1.00	H742179	1.1700	1.100	2780	2060	0.070	0.900	146	2520	
256.00	257.00	1.00	H742180	1.1900	1.150	2730	2120	0.070	0.900	140	2320	
257.00	258.00	1.00	H742181	0.1240	0.113	321	853	0.008	0.500	97	1735	2.91
258.00	259.00	1.00	H742182	0.3300	0.322	900	1050	0.026	0.700	105	1710	
259.00	260.40	1.40	H742183	0.3700	0.356	1035	1015	0.028	0.700	94	1420	
260.40	261.75	1.35	H742184	0.4600	0.439	978	298	0.043	0.250	34	87	
261.75	264.00	2.25	H742185	0.0034	0.003	24	75	0.002	0.250	18	119	
264.00	266.00	2.00	H742186	0.0024	0.002	36	66	0.002	0.250	21	114	

Pt + Pd (ppm)



Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description
261.75	287.50	Spt	Siltstone
287.50	288.50	Fi	Felsic Intrusive, Undivided
288.50	303.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6			0.6

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-138

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/08/2009
End Date: 11/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402539.26
Easting: 358501.98
Elevation: 483.53

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 303.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
288.50	303.00	Spt	Siltstone		0.6			0.6

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

300 305 310 315 320 325 330

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

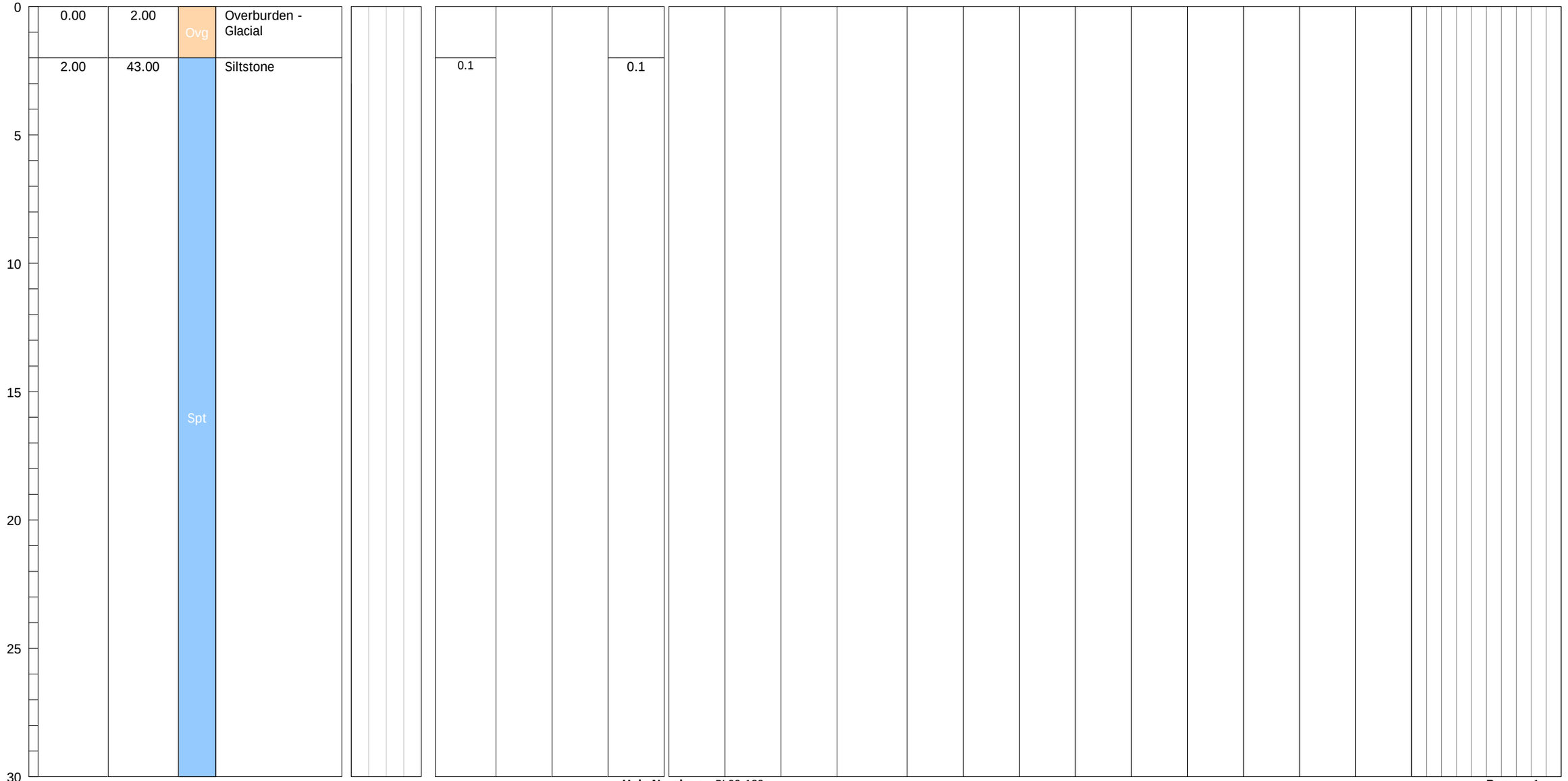
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description
0.00	2.00	Ovg	Overburden - Glacial
2.00	43.00	Spt	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
2.00	43.00	Spt	Siltstone		0.1			0.1														
43.00	43.50	Fgq	Quartz monzonite																			
43.50	44.00	Spt	Siltstone																			
44.00	45.20	Fgq	Quartz monzonite																			
45.20	46.50	Spt	Siltstone																			
46.50	48.10	Fgq	Quartz monzonite																			
48.10	79.00	Spt	Siltstone		0.2	0.1		0.1														
					0.1			0.1														

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

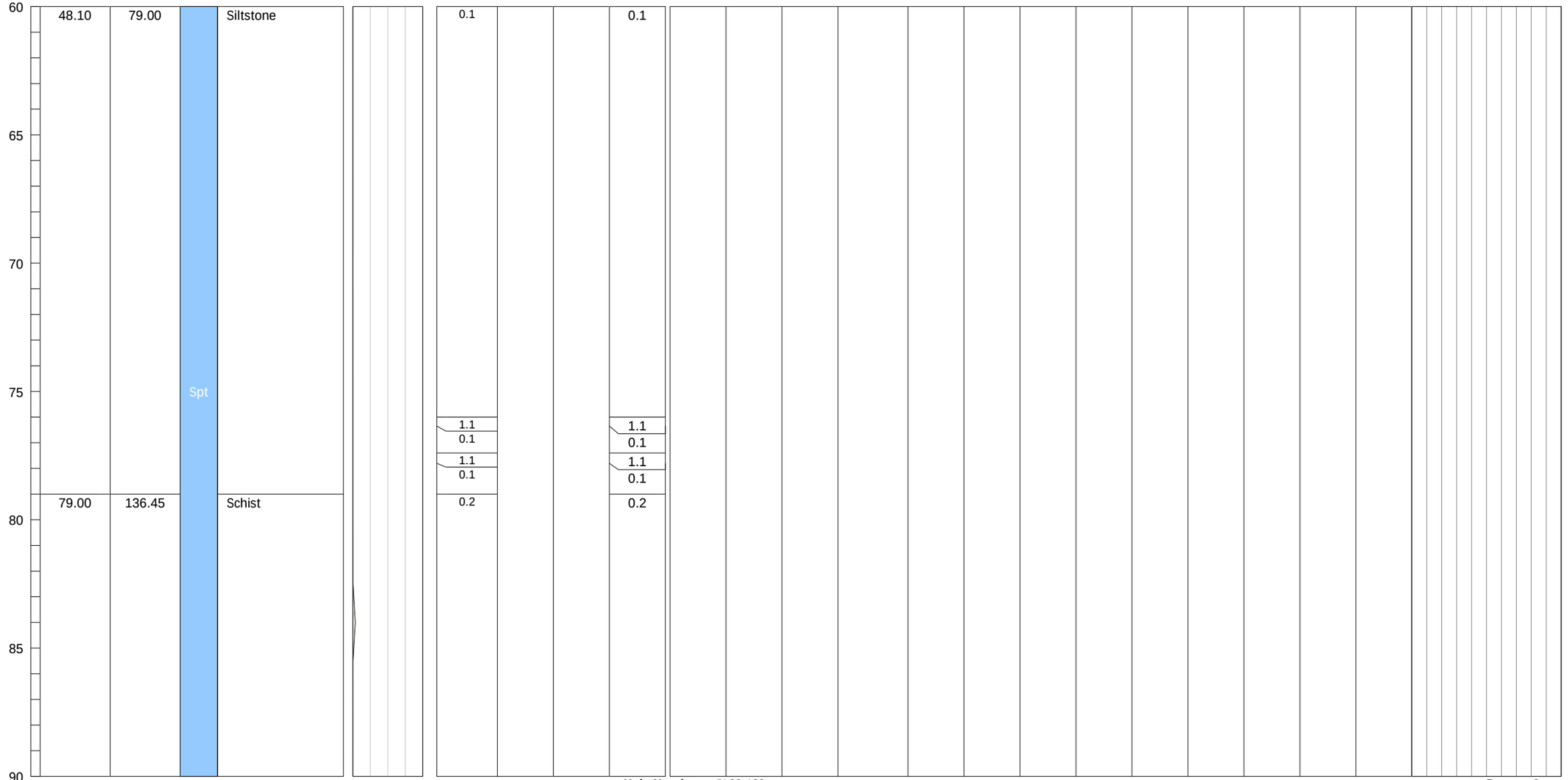
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description
48.10	79.00	Spt	Siltstone
79.00	136.45		Schist



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

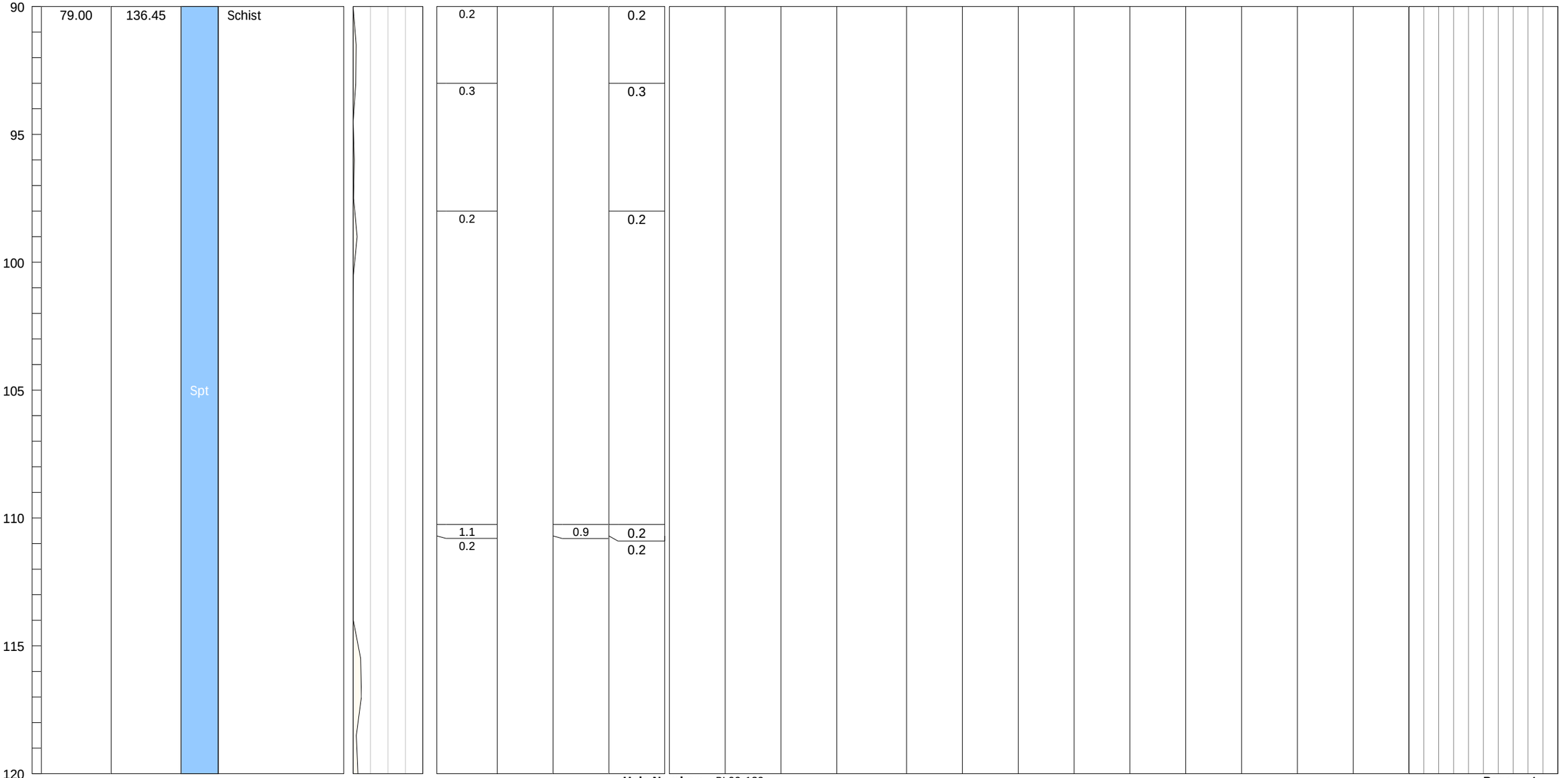
Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50



Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

From m	To m	Code	Rock description
79.00	136.45	Spt	Schist
136.45	138.70	Hg	Hybrid Grey
138.70	145.00	Hr	Hybrid Classic Red
145.00	146.10	Hg	Hybrid Grey
146.10	147.00	Mgvt	Gabbro - VariTextured
147.00	214.00	Upd	Peridotite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.2			0.2
1.2			1.1
1.1			1.1
0.6			0.6
0.5			0.5
1.0	0.5		0.5
1.9	0.5	0.9	0.5
3.4	0.9	2.0	0.5
2.3	0.9	0.9	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
132.45	134.45	2.00	H742187	0.0020	0.002	34	80	0.001	0.250	21	123	2.66
134.45	136.45	2.00	H742188	0.0024	0.002	9	94	0.002	0.250	22	141	
136.45	138.00	1.55	H742189	0.0896	0.086	305	74	0.011	0.250	15	96	
138.00	139.00	1.00	H742191	0.1635	0.159	393	174	0.012	0.250	30	163	
139.00	141.00	2.00	H742192	0.0302	0.020	221	72	0.007	0.250	26	151	
141.00	143.00	2.00	H742193	0.0117	0.007	63	34	0.002	0.250	24	91	
143.00	145.00	2.00	H742194	0.0009	0.001	113	21	0.002	0.250	21	46	2.68
145.00	146.10	1.10	H742195	0.1010	0.077	706	239	0.013	0.250	48	218	
146.10	147.00	0.90	H742196	0.0906	0.077	351	135	0.007	2.200	37	69	
147.00	148.00	1.00	H742197	0.1715	0.163	582	696	0.012	0.500	93	1165	
148.00	150.00	2.00	H742198	0.5300	0.518	1560	997	0.037	1.000	114	1490	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	Lithology To m	Lithology Code	Lithology Rock description
147.00	214.00	Upd	Peridotite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
3.0	2.0	1.0	
2.0	1.0	1.0	
1.0	0.5	0.5	
0.6	0.1	0.5	
1.4	0.5	0.9	
0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	151.00	1.00	H742199	1.7800	1.730	4710	2200	0.100	3.000	171	1895	
151.00	152.00	1.00	H742201	0.9830	0.977	3180	1735	0.068	2.100	151	2010	
152.00	153.00	1.00	H742202	0.5750	0.560	1420	1260	0.039	1.000	129	1965	
153.00	154.00	1.00	H742203	0.3760	0.355	988	1120	0.027	0.900	121	1905	2.96
154.00	155.00	1.00	H742204	0.2910	0.265	784	1155	0.018	0.250	119	1960	
155.00	156.00	1.00	H742205	0.1745	0.169	520	1010	0.011	0.250	117	2120	
156.00	157.00	1.00	H742206	0.1915	0.178	510	1040	0.012	0.250	117	2050	
157.00	159.00	2.00	H742207	0.1145	0.105	310	995	0.009	0.250	118	2070	
159.00	161.00	2.00	H742208	0.0892	0.076	210	1050	0.007	0.250	122	2300	
161.00	163.00	2.00	H742209	0.0575	0.051	152	1065	0.006	0.250	123	2460	
163.00	165.00	2.00	H742211	0.0306	0.027	94	1115	0.003	0.250	128	2610	3.01
165.00	167.00	2.00	H742212	0.0479	0.042	153	1165	0.004	0.250	133	2710	
167.00	169.00	2.00	H742213	0.0870	0.074	195	1170	0.006	0.250	132	2730	
169.00	171.00	2.00	H742214	0.0742	0.064	154	1230	0.006	0.250	141	2740	
171.00	173.00	2.00	H742215	0.0663	0.058	158	1225	0.006	0.250	140	2890	
173.00	175.00	2.00	H742216	0.0834	0.073	181	1310	0.007	0.250	147	3080	2.98
175.00	177.00	2.00	H742217	0.0472	0.040	86	1285	0.003	0.250	144	2940	
177.00	179.00	2.00	H742218	0.0824	0.073	188	1355	0.006	0.250	145	3290	
179.00	181.00	2.00	H742219	0.0733	0.059	119	1305	0.004	0.250	141	3170	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

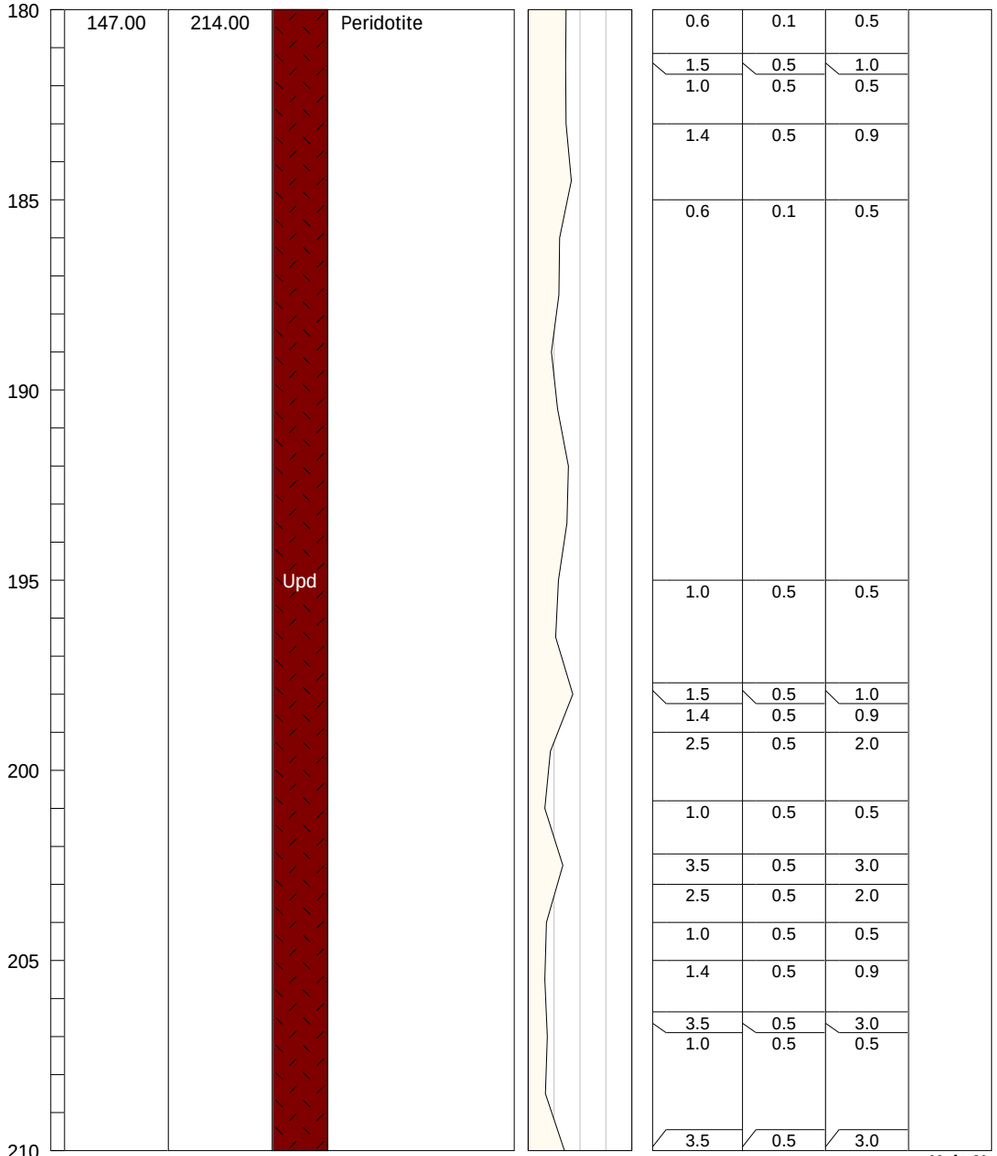
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description
147.00	214.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
1.5	0.5	1.0	
1.0	0.5	0.5	
1.4	0.5	0.9	
0.6	0.1	0.5	
1.0	0.5	0.5	
1.5	0.5	1.0	
1.4	0.5	0.9	
2.5	0.5	2.0	
1.0	0.5	0.5	
3.5	0.5	3.0	
2.5	0.5	2.0	
1.0	0.5	0.5	
1.4	0.5	0.9	
3.5	0.5	3.0	
1.0	0.5	0.5	
3.5	0.5	3.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H742219	0.0733	0.059	119	1305	0.004	0.250	141	3170	
181.00	183.00	2.00	H742220	0.0450	0.035	77	1290	0.002	0.250	143	3240	
183.00	185.00	2.00	H742221	0.0695	0.063	158	1300	0.006	0.250	141	3140	2.91
185.00	187.00	2.00	H742222	0.1790	0.165	385	1400	0.013	0.250	147	3080	
187.00	189.00	2.00	H742223	0.0819	0.072	172	1390	0.006	0.250	147	3090	
189.00	191.00	2.00	H742224	0.0757	0.062	133	1375	0.005	0.250	147	3260	
191.00	193.00	2.00	H742225	0.1040	0.091	204	1345	0.008	0.250	145	3200	
193.00	195.00	2.00	H742226	0.1965	0.178	449	1455	0.013	0.250	151	2990	2.85
195.00	197.00	2.00	H742227	0.0906	0.082	199	1315	0.007	0.250	143	2990	
197.00	199.00	2.00	H742228	0.0628	0.060	132	1325	0.008	0.250	146	3120	
199.00	201.00	2.00	H742229	0.0562	0.047	126	1325	0.004	0.250	144	3200	
201.00	203.00	2.00	H742231	0.1155	0.110	299	1365	0.009	0.250	141	3170	
203.00	205.00	2.00	H742232	0.0943	0.087	217	1340	0.014	0.250	139	3150	2.96
205.00	207.00	2.00	H742233	0.3090	0.300	652	1630	0.022	0.250	149	3280	
207.00	209.00	2.00	H742234	0.1090	0.094	179	1355	0.007	0.250	140	3250	
209.00	211.00	2.00	H742235	0.1755	0.155	309	1395	0.011	0.250	142	3250	

Pt + Pd (ppm)
0 2 4 6 8 10

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description
147.00	214.00	Upd	Peridotite
214.00	254.40	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
3.5	0.5	3.0	
1.0	0.5	0.5	
1.4	0.5	0.9	
1.0	0.5	0.5	
2.5	0.5	2.0	
1.4	0.5	0.9	
1.5	0.5	1.0	
1.0	0.5	0.5	
3.5	0.5	3.0	
0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
209.00	211.00	2.00	H742235	0.1755	0.155	309	1395	0.011	0.250	142	3250		
211.00	213.00	2.00	H742236	0.1850	0.168	341	1460	0.012	0.250	144	3350		
213.00	215.00	2.00	H742237	0.2070	0.188	372	1495	0.013	0.250	140	3630	2.80	
215.00	217.00	2.00	H742238	0.1700	0.151	310	1505	0.011	0.250	136	4160		
217.00	219.00	2.00	H742239	0.4070	0.365	682	1715	0.024	0.250	147	3970		
219.00	221.00	2.00	H742241	0.2290	0.188	443	1515	0.013	0.250	144	3620		
221.00	223.00	2.00	H742242	0.1405	0.118	258	1370	0.009	0.250	137	3230		
223.00	225.00	2.00	H742243	0.1170	0.101	213	1330	0.008	0.250	137	3180	2.90	
225.00	227.00	2.00	H742244	0.1020	0.086	225	1260	0.007	0.250	135	2850		
227.00	229.00	2.00	H742245	0.2280	0.205	494	1355	0.016	0.250	136	2750		
229.00	231.00	2.00	H742246	0.0657	0.050	126	1260	0.005	0.250	134	2880		
231.00	233.00	2.00	H742247	0.0738	0.057	149	1270	0.005	0.250	134	2970		
233.00	235.00	2.00	H742248	0.1010	0.074	228	1270	0.007	0.250	131	3010	2.98	
235.00	237.00	2.00	H742249	0.1280	0.107	298	1250	0.009	0.250	135	2710		
237.00	239.00	2.00	H742251	0.0552	0.044	145	1165	0.005	0.250	133	2580		
239.00	241.00	2.00	H742252	0.0887	0.073	197	1160	0.007	0.250	133	2550		

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description
214.00	254.40	Upd	Peridotite
254.40	266.30	Mgm	Gabbro - Melanocratic
266.30	284.00	SSS	Sandstone to Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
3.6	0.1	3.5	
0.6	0.1	0.5	
1.4	0.5	0.9	
1.0	0.5	0.5	
1.4	0.5	0.9	
1.0	0.5	0.5	
4.0	1.0	2.0	1.0
1.0	0.5	0.5	
1.4	0.5	0.9	
5.0	2.0	2.0	1.0
17.0	3.0		4.0
1.5	0.5		1.5
0.6			0.6
1.6			1.1
0.6			0.6

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H742252	0.0887	0.073	197	1160	0.007	0.250	133	2550	
241.00	243.00	2.00	H742253	0.1620	0.135	367	1160	0.011	0.250	128	2370	
243.00	245.00	2.00	H742254	0.1550	0.128	380	1260	0.011	0.250	122	2990	2.92
245.00	247.00	2.00	H742255	0.0809	0.062	189	1185	0.006	0.250	117	3150	
247.00	249.00	2.00	H742256	0.1210	0.092	238	1230	0.008	0.250	118	3420	
249.00	251.00	2.00	H742257	0.1310	0.095	263	1285	0.009	0.250	123	3360	
251.00	253.00	2.00	H742258	0.0900	0.070	227	1240	0.007	0.250	124	3180	
253.00	255.00	2.00	H742259	0.0888	0.068	214	1165	0.007	0.250	120	2940	2.95
255.00	257.00	2.00	H742260	0.0848	0.063	224	1145	0.006	0.250	122	2800	
257.00	258.00	1.00	H742261	0.0873	0.072	286	1125	0.007	0.250	118	2710	
258.00	259.00	1.00	H742262	0.6490	0.586	1430	1525	0.039	0.250	132	2780	
259.00	260.00	1.00	H742263	1.2100	1.120	2220	1705	0.070	1.100	135	2660	
260.00	261.50	1.50	H742264	0.1670	0.143	375	1065	0.013	0.250	109	2210	
261.50	262.50	1.00	H742265	0.7170	0.633	1790	1670	0.046	0.600	129	2220	
262.50	263.50	1.00	H742266	0.8410	0.711	1940	1610	0.058	0.900	129	1910	
263.50	264.50	1.00	H742267	1.1900	1.110	2830	2140	0.080	1.400	147	2100	2.92
264.50	265.50	1.00	H742268	0.7360	0.650	1890	1815	0.050	1.000	143	2460	
265.50	266.00	0.50	H742269	2.1400	1.990	4860	2690	0.140	1.800	136	1770	
266.00	266.30	0.30	H742271	2.7800	3.130	6460	5080	0.110	2.400	189	1120	
266.30	268.30	2.00	H742272	0.0659	0.075	120	193	0.002	0.250	20	113	
268.30	270.30	2.00	H742273	0.0035	0.003	17	62	0.002	0.250	16	107	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description
266.30	284.00	SSS	Sandstone to Siltstone
284.00	286.45	Fgd	Granodiorite
286.45	298.00	SSS	Sandstone to Siltstone
298.00	303.20	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.2			0.2
0.1			0.1
1.0			1.0
0.1			0.1
0.6			0.6
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
268.30	270.30	2.00	H742273	0.0035	0.003	17	62	0.002	0.250	16	107	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-139

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/08/2009
End Date: 13/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.75
Easting: 358500.27
Elevation: 475.40

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 316.50

Lithology From m	To m	Code	Rock description
298.00	303.20	Fgd	Granodiorite
303.20	313.25	SSS	Sandstone to Siltstone
313.25	315.65	Fgd	Granodiorite
315.65	316.50	SSS	Sandstone to Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

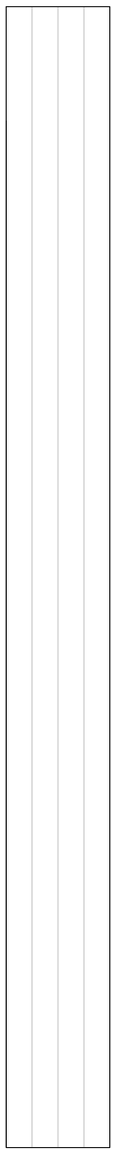
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

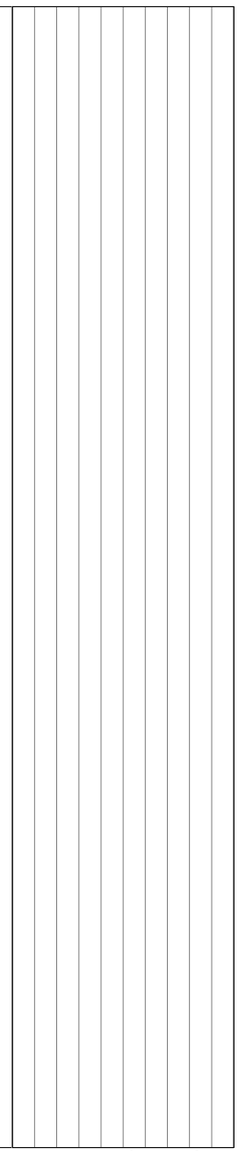
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

Lithology From m	To m	Code	Rock description
0.00	4.50	Ovg	Overburden - Glacial
4.50	7.80	Spt	Siltstone
7.80	8.90	Fgq	Quartz monzonite
8.90	48.90	Spt	Siltstone



Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2	0.1		0.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm



Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

Lithology From m	To m	Code	Rock description
8.90	48.90	Spt	Siltstone
48.90	51.15	Fgr	Granite
51.15	67.20	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

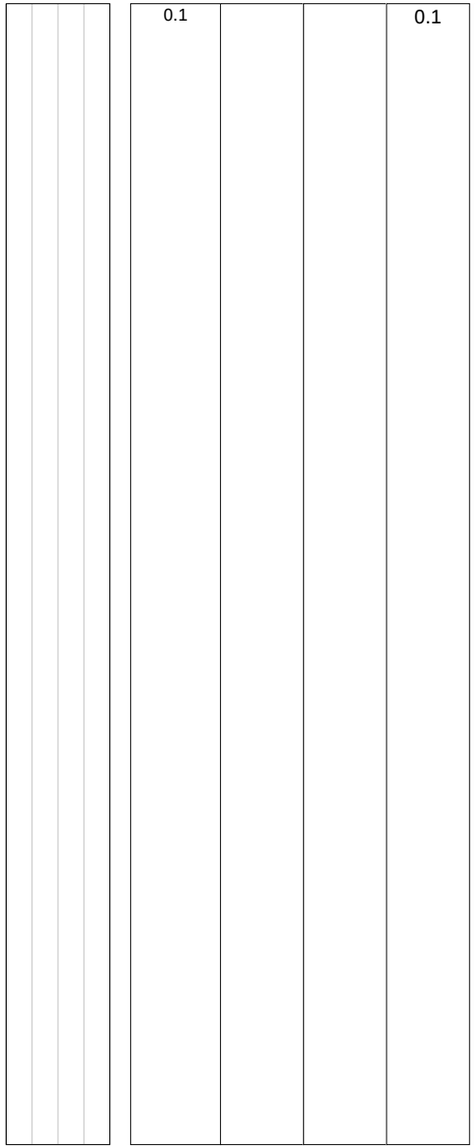
Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00



Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
51.15	67.20	Spt	Siltstone		0.1			0.1														
67.20	71.20	Fgg	Quartz monzonite																			
71.20	82.90	Spt	Siltstone																			
82.90	84.05	Fgr	Granite																			
84.05	91.00	Spt	Siltstone																			

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

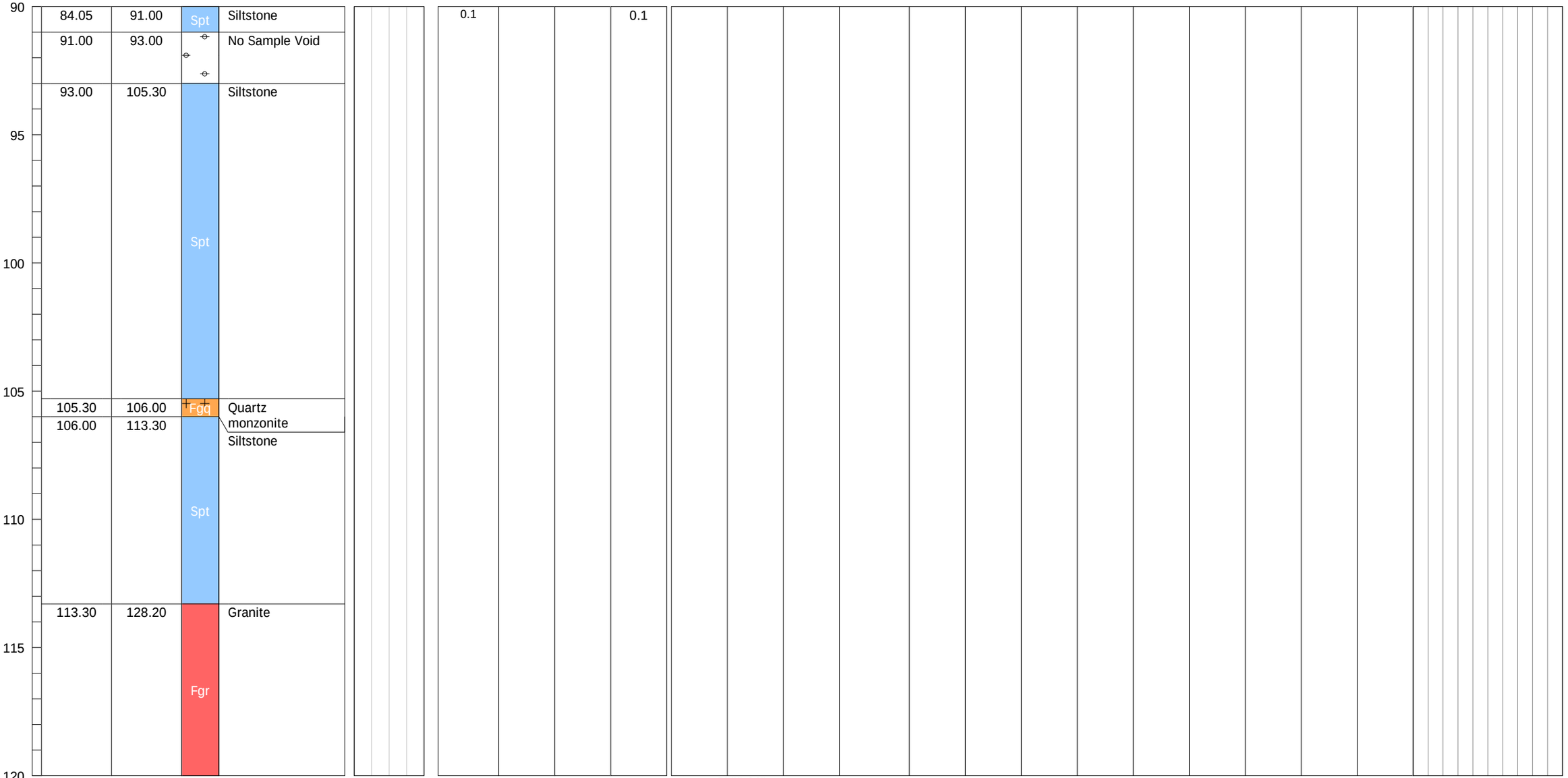
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

From m	To m	Code	Rock description
84.05	91.00	Spt	Siltstone
91.00	93.00		No Sample Void
93.00	105.30	Spt	Siltstone
105.30	106.00	Fgq	Quartz monzonite
106.00	113.30	Spt	Siltstone
113.30	128.20	Fgr	Granite



Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

From m	To m	Code	Rock description
113.30	128.20	Fgr	Granite
128.20	129.35	Spt	Siltstone
129.35	132.65	Fgq	Quartz monzonite
132.65	136.45	SSS	Sandstone to Siltstone
136.45	141.00	Fgr	Granite
141.00	141.30	Hg	Hybrid Grey
141.30	145.10	Spt	Siltstone
145.10	157.80	Hr	Hybrid Classic Red

From m	Sulphide %	Cpy %	Po %	Py %
113.30	0.1			0.1
141.00	3.1			3.1
141.30	0.1			0.1
145.10	5.0			5.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
139.00	141.00	2.00	H742274	0.0016	0.001	14	16	0.001	0.250	6	40	2.61
141.00	141.30	0.30	H742275	0.0109	0.010	55	59	0.002	0.250	19	123	
141.30	143.30	2.00	H742276	0.0022	0.002	38	96	0.002	0.500	26	162	
143.30	145.10	1.80	H742277	0.0020	0.002	42	75	0.001	0.700	25	106	
145.10	147.00	1.90	H742278	0.0387	0.040	134	77	0.004	0.250	29	111	
147.00	149.00	2.00	H742279	0.0179	0.014	68	70	0.003	0.250	25	123	
149.00	151.00	2.00	H742281	0.0087	0.005	13	27	0.003	0.250	20	62	2.74

Hole Number: BL09-140

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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

From m	To m	Code	Rock description
145.10	157.80	Hr	Hybrid Classic Red
157.80	159.80	Hr	Hybrid Classic Red
159.80	163.25	Mgvt	Gabbro - VariTextured
163.25	165.50	Upd	Peridotite
165.50	166.00	Mgl	Gabbro - Leucocratic
166.00	193.35	Upd	Peridotite

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
145.10	157.80	5.0			5.0
157.80	159.80	7.0			7.0
159.80	163.25	3.0			3.0
163.25	165.50	2.0			2.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H742281	0.0087	0.005	13	27	0.003	0.250	20	62	2.74
151.00	153.00	2.00	H742282	0.0024	0.001	21	17	0.002	0.250	20	52	
153.00	155.00	2.00	H742283	0.0007	0.001	3	15	0.001	0.250	27	48	
155.00	157.00	2.00	H742284	0.0007	0.001	73	7	0.002	0.250	22	14	
157.00	158.80	1.80	H742285	0.0015	0.001	307	73	0.002	0.250	31	140	
158.80	159.80	1.00	H742286	0.0023	0.001	216	160	0.003	0.250	40	288	2.86
159.80	161.50	1.70	H742287	0.1170	0.084	881	477	0.021	0.250	69	535	
161.50	163.25	1.75	H742288	0.0302	0.017	247	353	0.008	0.250	57	915	
163.25	164.65	1.40	H742289	0.0472	0.033	182	664	0.005	0.250	90	1470	
164.65	165.50	0.85	H742291	0.0343	0.023	166	791	0.004	0.250	103	1655	
165.50	166.00	0.50	H742292	0.0033	0.002	90	74	0.002	0.250	29	85	
166.00	168.00	2.00	H742293	0.0508	0.044	197	896	0.006	0.250	113	1980	
168.00	170.00	2.00	H742294	0.0348	0.027	130	938	0.005	0.250	115	2110	2.97
170.00	172.00	2.00	H742295	0.0220	0.018	112	969	0.004	0.250	117	2220	
172.00	174.00	2.00	H742296	0.0219	0.018	103	897	0.003	0.250	109	2110	
174.00	176.00	2.00	H742297	0.0198	0.014	73	1040	0.002	0.250	119	2370	
176.00	178.00	2.00	H742298	0.0290	0.021	104	1115	0.003	0.250	127	2560	
178.00	180.00	2.00	H742299	0.0225	0.020	80	1100	0.002	0.250	125	2640	2.96

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

Lithology From m	To m	Code	Rock description
166.00	193.35	Upd	Peridotite
193.35	271.00	Upd	Peridotite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H742300	0.0449	0.039	98	1045	0.003	0.250	122	2490	
182.00	184.00	2.00	H742301	0.0656	0.056	146	1165	0.006	0.250	131	2760	
184.00	186.00	2.00	H742302	0.0856	0.070	149	1180	0.006	0.250	128	2720	
186.00	188.00	2.00	H742303	0.0413	0.035	78	1165	0.004	0.250	135	2750	
188.00	190.00	2.00	H742304	0.0421	0.039	78	1165	0.003	0.250	134	2900	3.03
190.00	192.00	2.00	H742305	0.0469	0.043	103	1140	0.004	0.250	133	2940	
192.00	194.00	2.00	H742306	0.0611	0.054	147	1190	0.004	0.250	132	2870	
194.00	196.00	2.00	H742307	0.0622	0.052	178	1225	0.005	0.250	136	2980	
196.00	198.00	2.00	H742308	0.0730	0.065	221	1255	0.006	0.250	136	2970	
198.00	200.00	2.00	H742309	0.0795	0.067	218	1265	0.007	0.250	137	3100	2.99
200.00	202.00	2.00	H742311	0.0575	0.048	144	1290	0.005	0.250	138	3120	
202.00	204.00	2.00	H742312	0.0458	0.037	110	1245	0.004	0.250	135	3170	
204.00	206.00	2.00	H742313	0.0605	0.053	128	1245	0.004	0.250	140	3020	
206.00	208.00	2.00	H742314	0.0888	0.085	219	1310	0.007	0.250	143	2980	
208.00	210.00	2.00	H742315	0.0517	0.045	127	1325	0.005	0.250	142	3240	2.98

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

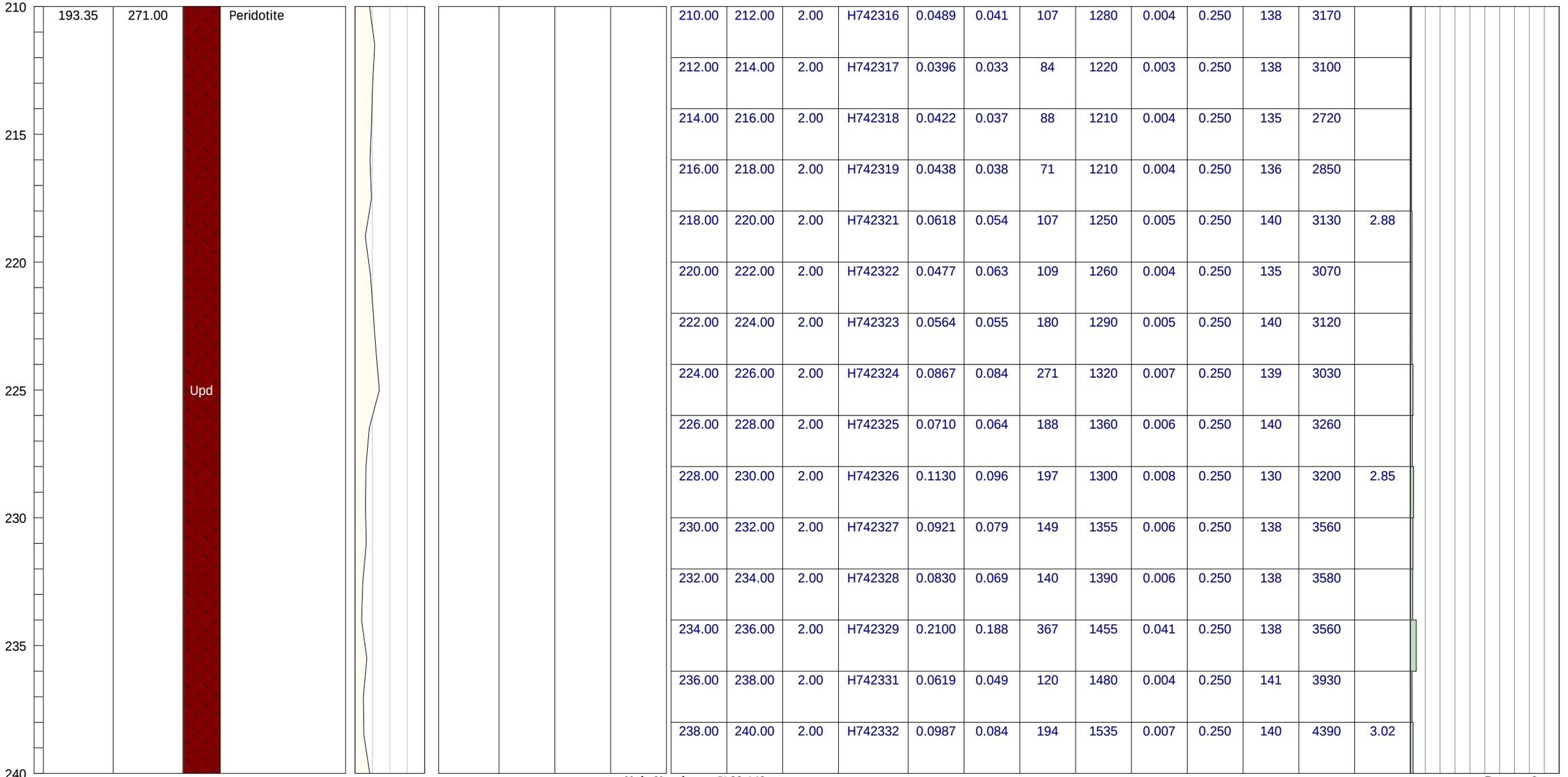
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

Lithology From m	To m	Code	Rock description
193.35	271.00	Upd	Peridotite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H742316	0.0489	0.041	107	1280	0.004	0.250	138	3170	
212.00	214.00	2.00	H742317	0.0396	0.033	84	1220	0.003	0.250	138	3100	
214.00	216.00	2.00	H742318	0.0422	0.037	88	1210	0.004	0.250	135	2720	
216.00	218.00	2.00	H742319	0.0438	0.038	71	1210	0.004	0.250	136	2850	
218.00	220.00	2.00	H742321	0.0618	0.054	107	1250	0.005	0.250	140	3130	2.88
220.00	222.00	2.00	H742322	0.0477	0.063	109	1260	0.004	0.250	135	3070	
222.00	224.00	2.00	H742323	0.0564	0.055	180	1290	0.005	0.250	140	3120	
224.00	226.00	2.00	H742324	0.0867	0.084	271	1320	0.007	0.250	139	3030	
226.00	228.00	2.00	H742325	0.0710	0.064	188	1360	0.006	0.250	140	3260	
228.00	230.00	2.00	H742326	0.1130	0.096	197	1300	0.008	0.250	130	3200	2.85
230.00	232.00	2.00	H742327	0.0921	0.079	149	1355	0.006	0.250	138	3560	
232.00	234.00	2.00	H742328	0.0830	0.069	140	1390	0.006	0.250	138	3580	
234.00	236.00	2.00	H742329	0.2100	0.188	367	1455	0.041	0.250	138	3560	
236.00	238.00	2.00	H742331	0.0619	0.049	120	1480	0.004	0.250	141	3930	
238.00	240.00	2.00	H742332	0.0987	0.084	194	1535	0.007	0.250	140	4390	3.02

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
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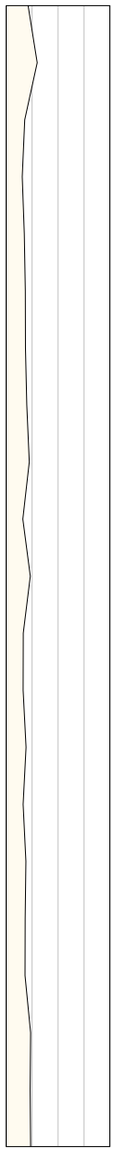
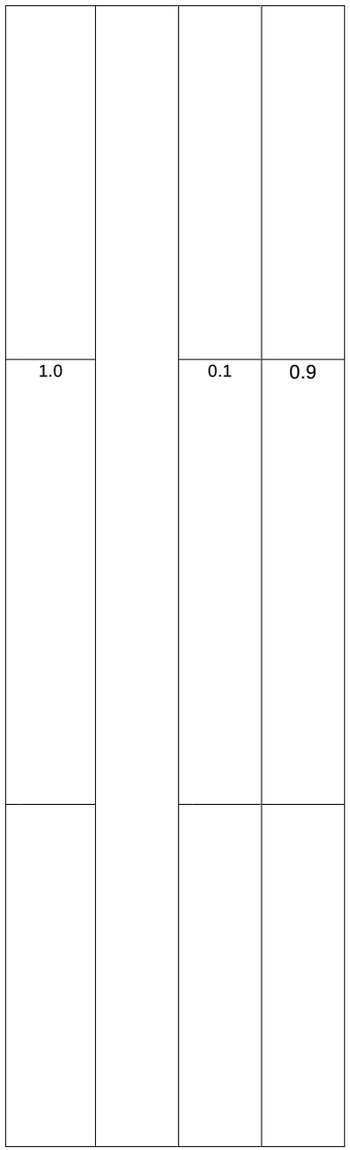
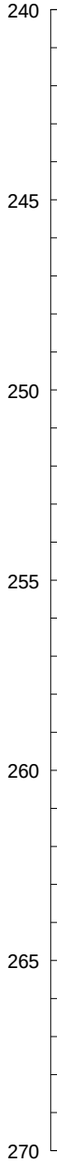
Final Depth: 339.00

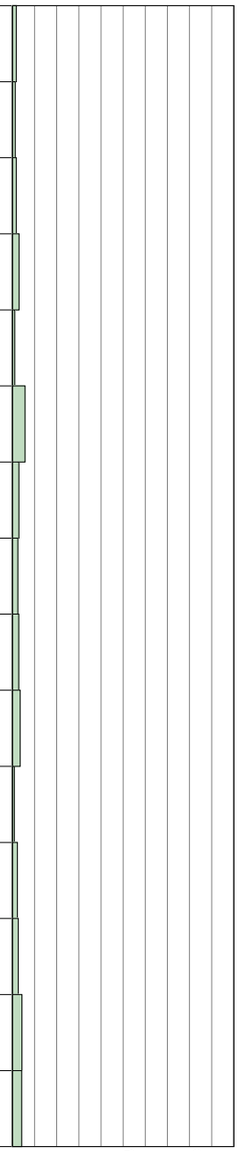
Lithology From m	To m	Code	Rock description
193.35	271.00	Upd	Peridotite







From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H742333	0.0934	0.076	168	1400	0.007	0.250	135	3810	
242.00	244.00	2.00	H742334	0.0690	0.059	130	1375	0.006	0.250	136	3530	
244.00	246.00	2.00	H742335	0.0933	0.078	157	1370	0.006	0.250	140	3240	
246.00	248.00	2.00	H742336	0.1590	0.138	289	1400	0.011	0.250	146	3080	
248.00	250.00	2.00	H742337	0.0569	0.046	97	1275	0.004	0.250	136	3220	2.96
250.00	252.00	2.00	H742338	0.2920	0.279	595	1465	0.018	0.250	138	3250	
252.00	254.00	2.00	H742339	0.1520	0.138	304	1380	0.011	0.250	136	3230	
254.00	256.00	2.00	H742340	0.1300	0.116	308	1380	0.010	0.250	140	3370	
256.00	258.00	2.00	H742341	0.1500	0.136	368	1360	0.011	0.250	143	2940	
258.00	260.00	2.00	H742342	0.1790	0.171	437	1325	0.013	0.250	141	2660	2.96
260.00	262.00	2.00	H742343	0.0463	0.043	249	1270	0.004	0.250	137	2840	
262.00	264.00	2.00	H742344	0.1160	0.108	276	1265	0.009	0.250	132	2790	
264.00	266.00	2.00	H742345	0.1360	0.129	332	1305	0.011	0.250	133	2970	
266.00	268.00	2.00	H742346	0.2200	0.209	540	1375	0.016	0.250	132	2880	
268.00	270.00	2.00	H742347	0.2190	0.196	512	1420	0.015	0.250	126	2830	3.02



Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

From m	To m	Code	Rock description
193.35	271.00		Peridotite
271.00	275.00	Upd	Peridotite
275.00	287.95	Mgm	Gabbro - Melanocratic
287.95	288.30	Hz	Hybrid Classic
288.30	323.90	Spt	Red Siltstone

From m	To m	Sulphide %	Cpy %	Po %	Py %
287.95	288.30	7.0	1.0	1.0	5.0
288.30	289.00	5.0			5.0
289.00	291.00	0.9			0.9

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H742348	0.2110	0.183	476	1365	0.014	0.250	126	3050	
272.00	274.00	2.00	H742349	0.1180	0.100	281	1285	0.009	0.250	121	3030	
274.00	276.00	2.00	H742351	0.1190	0.107	317	1255	0.010	0.250	122	2780	
276.00	278.00	2.00	H742352	0.0556	0.048	184	1140	0.005	0.600	116	2700	
278.00	280.00	2.00	H742353	0.0774	0.065	220	1145	0.006	0.250	117	2870	3.02
280.00	282.00	2.00	H742354	0.0645	0.053	202	1095	0.005	0.250	113	2770	
282.00	284.00	2.00	H742355	0.0556	0.047	183	988	0.005	0.250	106	2390	
284.00	286.00	2.00	H742356	0.1180	0.105	362	915	0.009	0.250	98	1940	2.99
286.00	287.00	1.00	H742357	0.0898	0.079	294	769	0.008	0.250	90	1540	2.94
287.00	287.95	0.95	H742358	0.2020	0.186	623	1090	0.016	0.500	113	2110	2.94
287.95	288.30	0.35	H742359	0.3630	0.360	1315	642	0.034	0.500	49	415	
288.30	289.00	0.70	H742361	0.0641	0.051	597	170	0.004	0.250	29	135	
289.00	291.00	2.00	H742362	0.0035	0.004	34	74	0.002	0.250	20	139	2.70
291.00	293.00	2.00	H742363	0.0017	0.002	11	69	0.001	0.250	19	131	

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

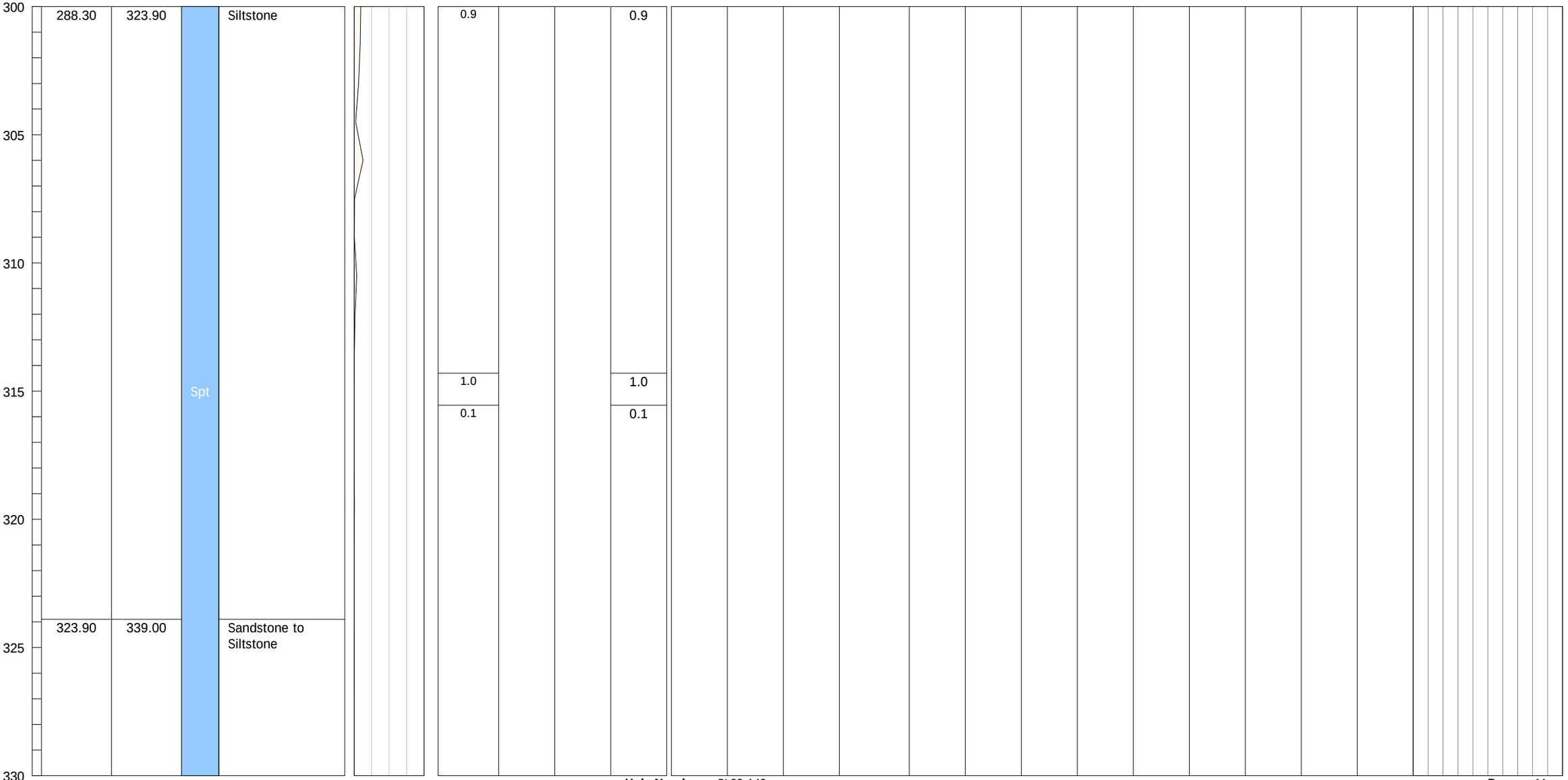
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

Lithology From m	To m	Code	Rock description
288.30	323.90	Spt	Siltstone
323.90	339.00	Spt	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-140

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/08/2009
End Date: 16/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402498.51
Easting: 358600.90
Elevation: 477.50

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 339.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
323.90	339.00	Spt	Sandstone to Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

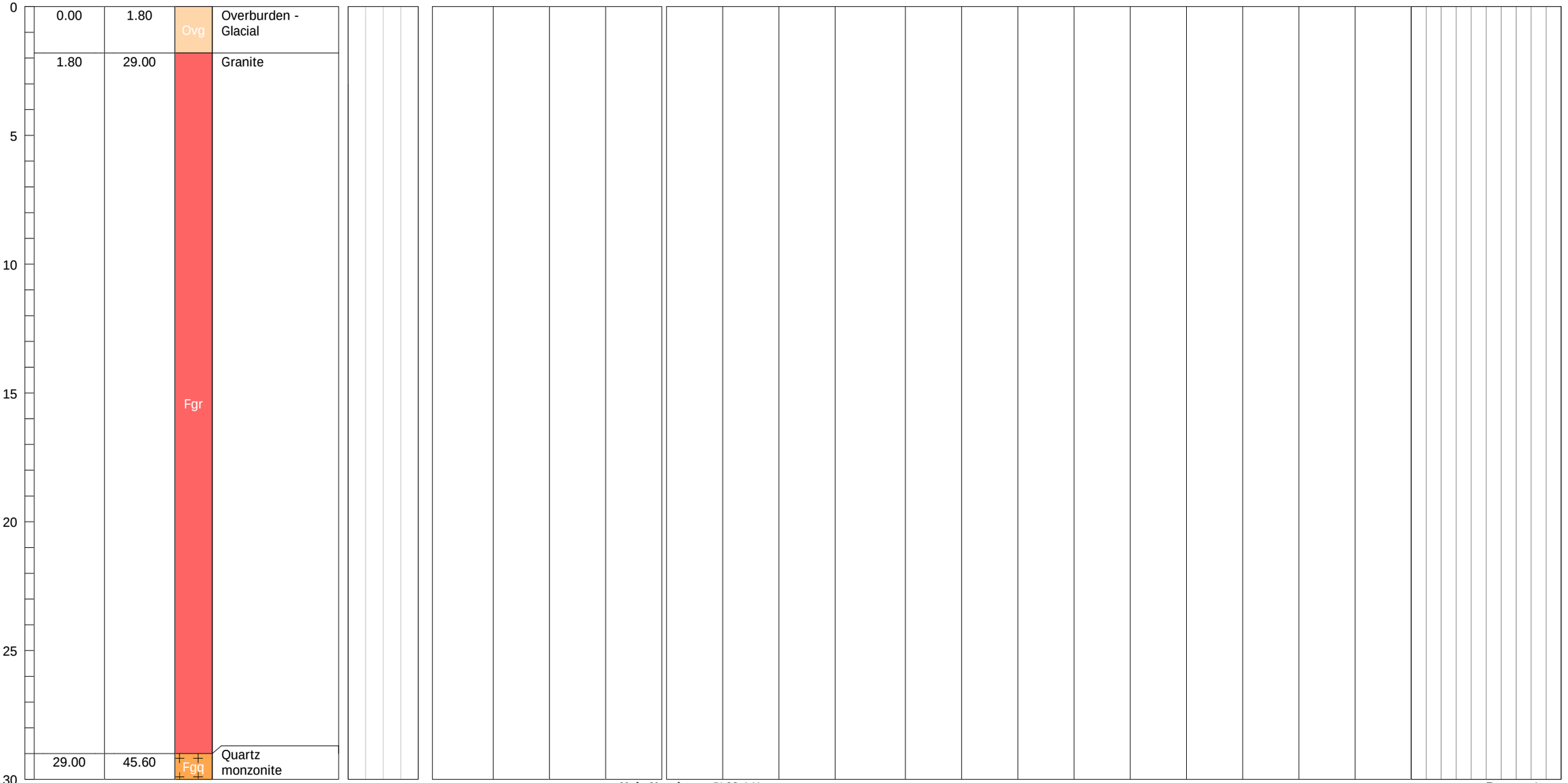
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
0.00	1.80	Ovg	Overburden - Glacial
1.80	29.00	Fgr	Granite
29.00	45.60	Fgq	Quartz monzonite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

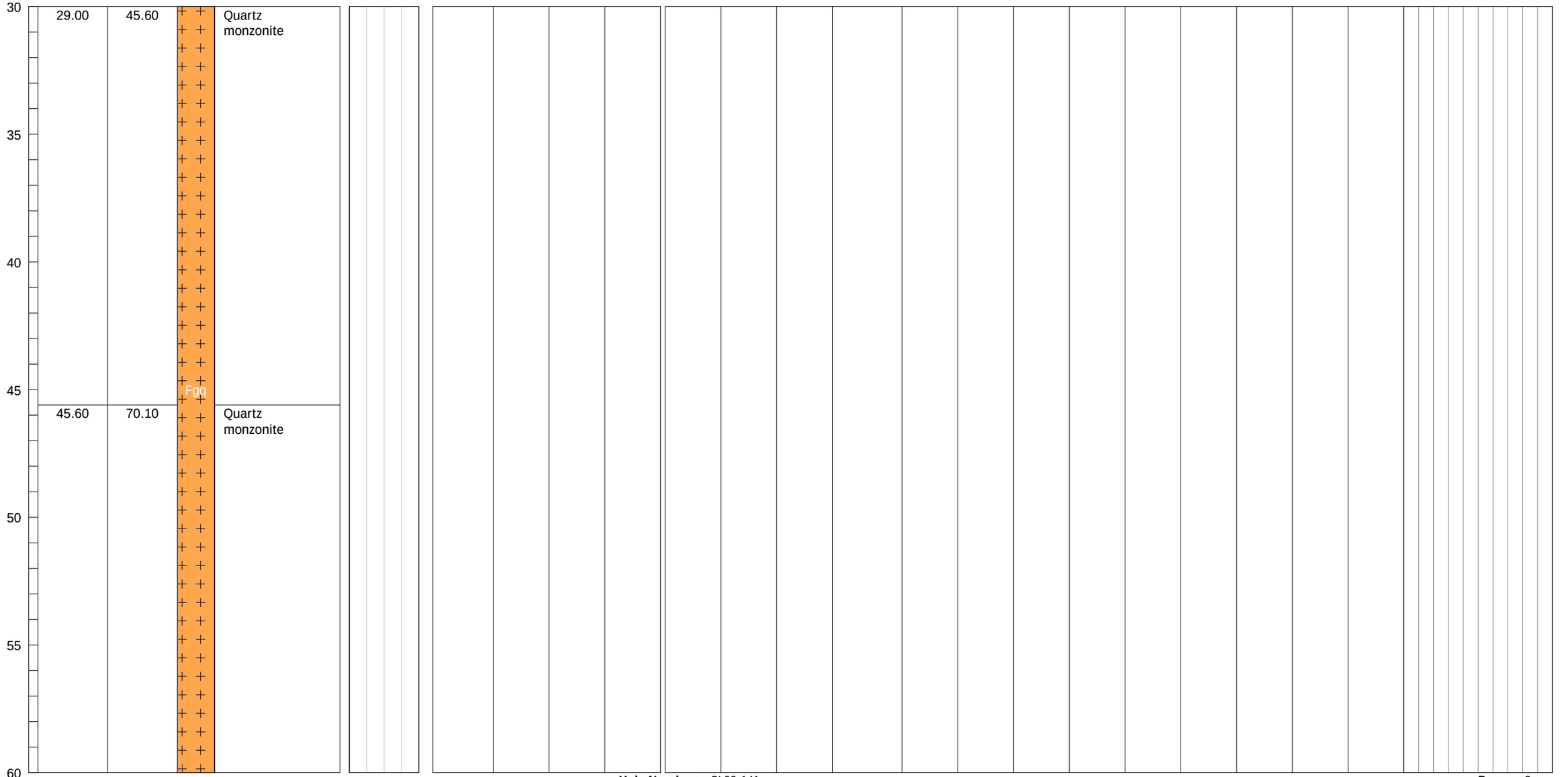
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
29.00	45.60	Fgq	Quartz monzonite
45.60	70.10	Fgq	Quartz monzonite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
45.60	70.10	Fgq	Quartz monzonite																			
70.10	71.90		Quartz monzonite																			
71.90	79.00	Fgr	Granite																			
79.00	80.90	Fgq	Quartz monzonite																			
80.90	125.80	Fgr	Granite																			

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

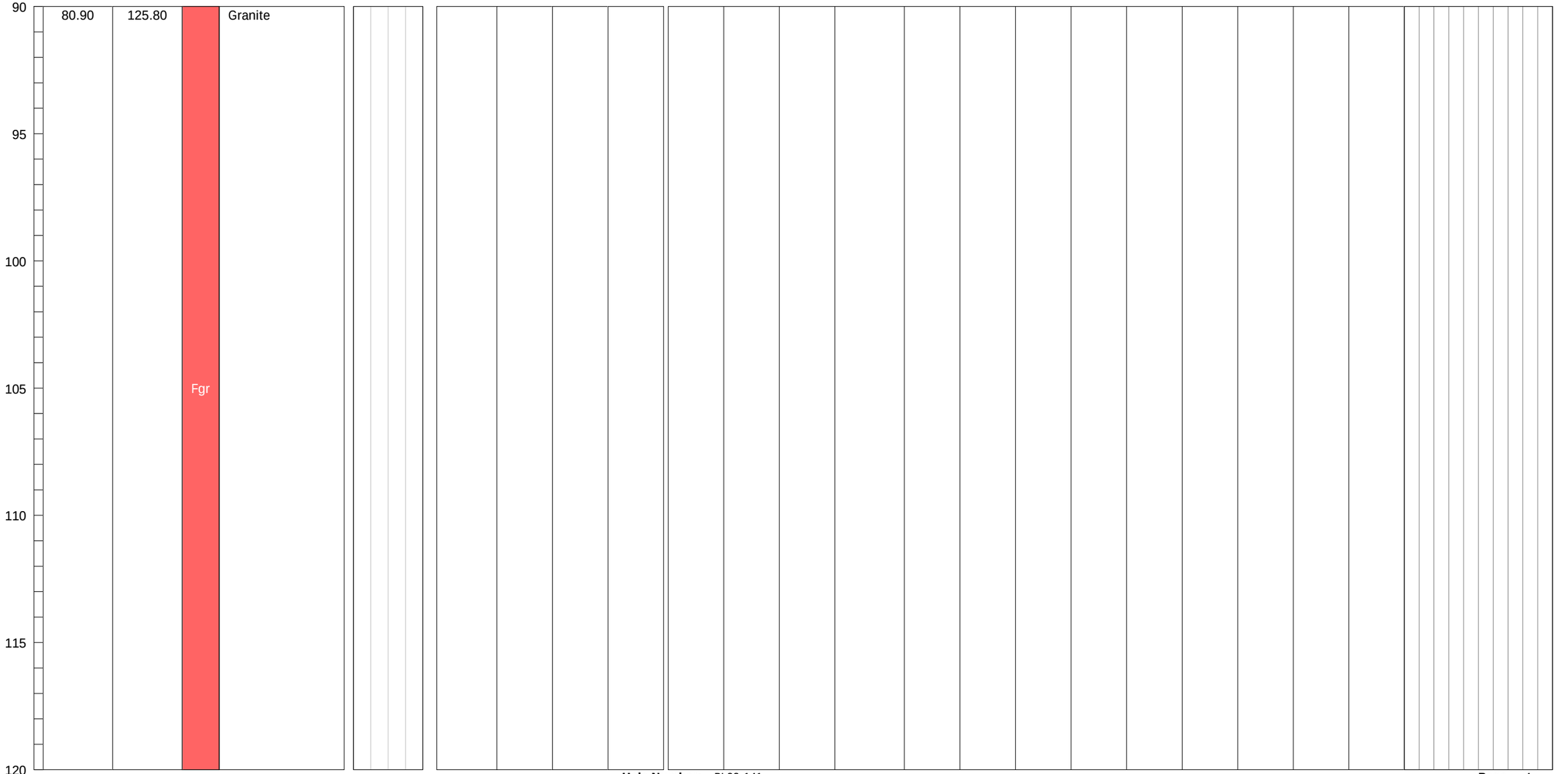
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
80.90	125.80	Fgr	Granite																			



Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
80.90	125.80	Fgr	Granite
125.80	131.80	Fgr	Granite
131.80	144.15	Fgr	Granite
144.15	155.55	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.1			
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description	Magsus (0 100 200)	Sulphide %	Cpy %	Po %	Py %
144.15	155.55	Spt	Siltstone		0.1			0.1
155.55	158.50	Fgr	Granite					
158.50	163.25	Spt	Siltstone					
163.25	167.25	Fgr	Granite					
167.25	170.55	Mgvt	Gabbro - VariTextured					
170.55	236.00	Mgm	Gabbro - Melanocratic		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
163.25	165.25	2.00	H742364	0.0010	0.001	57	26	0.001	0.250	9	41	2.59
165.25	167.25	2.00	H742365	0.0006	0.001	15	9	0.001	0.250	4	15	
167.25	169.00	1.75	H742366	0.0613	0.049	250	210	0.003	0.250	46	441	
169.00	170.55	1.55	H742367	0.0244	0.014	138	317	0.002	0.250	56	614	
170.55	172.00	1.45	H742368	0.0242	0.013	115	617	0.004	0.500	91	1390	
172.00	174.00	2.00	H742369	0.0263	0.018	127	747	0.004	0.500	103	1790	2.97
174.00	176.00	2.00	H742371	0.0266	0.019	132	806	0.003	0.700	105	1850	
176.00	178.00	2.00	H742372	0.0256	0.019	107	847	0.003	0.700	106	2010	
178.00	180.00	2.00	H742373	0.0391	0.031	124	940	0.004	0.600	115	2310	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

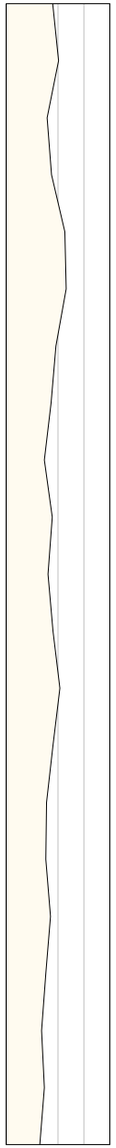
Drill Hole Logs

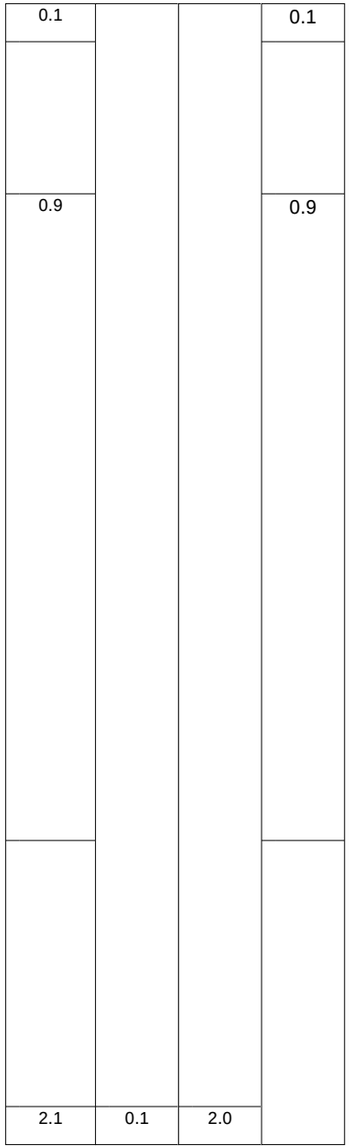
Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

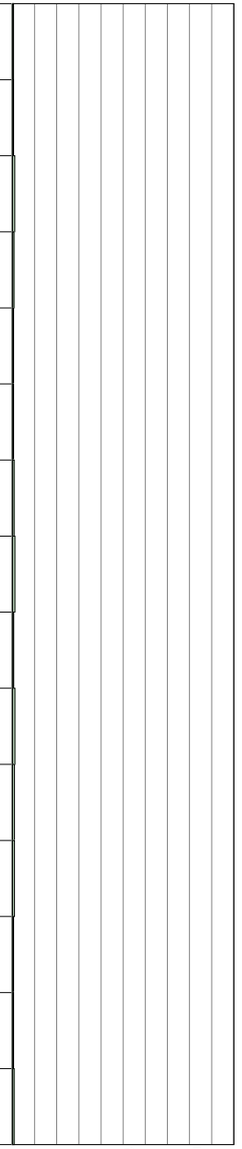
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
170.55	236.00	Mgm	Gabbro - Melanocratic





From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H742374	0.0240	0.022	117	987	0.003	0.700	121	2330	
182.00	184.00	2.00	H742375	0.0282	0.022	131	1010	0.004	0.700	120	2360	2.94
184.00	186.00	2.00	H742376	0.0558	0.047	181	1050	0.009	0.600	125	2540	
186.00	188.00	2.00	H742377	0.0401	0.034	163	1050	0.004	0.600	124	2480	
188.00	190.00	2.00	H742378	0.0290	0.021	114	1035	0.003	0.500	126	2540	
190.00	192.00	2.00	H742379	0.0306	0.025	114	1075	0.002	0.500	130	2500	
192.00	194.00	2.00	H742380	0.0434	0.037	144	1060	0.003	0.250	128	2450	2.95
194.00	196.00	2.00	H742381	0.0588	0.052	203	1100	0.004	0.250	130	2320	
196.00	198.00	2.00	H742382	0.0366	0.025	182	1090	0.004	0.600	126	2590	
198.00	200.00	2.00	H742383	0.0595	0.050	246	1130	0.006	0.700	131	2720	
200.00	202.00	2.00	H742384	0.0526	0.042	183	1090	0.005	1.200	131	2570	
202.00	204.00	2.00	H742385	0.0494	0.042	191	1130	0.005	0.700	134	2510	2.94
204.00	206.00	2.00	H742386	0.0288	0.022	135	1120	0.003	0.250	136	2530	
206.00	208.00	2.00	H742387	0.0315	0.024	125	1125	0.004	0.500	134	2580	
208.00	210.00	2.00	H742388	0.0412	0.036	158	1155	0.004	0.700	135	2660	



Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
170.55	236.00	Mgm	Gabbro - Melanocratic
236.00	268.00	Upd	Peridotite

Sulphide %	Cpy %	Po %	Py %
2.1	0.1	2.0	
0.5		0.5	
0.2		0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H742389	0.0323	0.025	137	1140	0.003	0.250	132	2750	
212.00	214.00	2.00	H742391	0.0280	0.021	132	1150	0.007	0.500	130	2820	2.97
214.00	216.00	2.00	H742392	0.0475	0.044	155	1200	0.004	0.500	136	2890	
216.00	218.00	2.00	H742393	0.0456	0.035	135	1260	0.004	0.800	141	3030	
218.00	220.00	2.00	H742394	0.0379	0.034	128	1300	0.003	0.800	143	3120	
220.00	222.00	2.00	H742395	0.0472	0.039	125	1270	0.004	0.250	138	3040	
222.00	224.00	2.00	H742396	0.0310	0.023	92	1300	0.002	0.250	140	3170	2.97
224.00	226.00	2.00	H742397	0.0596	0.047	125	1310	0.004	0.500	138	3200	
226.00	228.00	2.00	H742398	0.0669	0.055	139	1360	0.005	0.800	141	3310	
228.00	230.00	2.00	H742399	0.0509	0.038	110	1325	0.003	0.700	133	3270	
230.00	232.00	2.00	H742401	0.0502	0.040	121	1410	0.004	0.700	134	3880	
232.00	234.00	2.00	H742402	0.1110	0.094	215	1485	0.008	0.600	137	4190	3.00
234.00	236.00	2.00	H742403	0.0962	0.075	161	1445	0.007	0.900	143	3790	
236.00	238.00	2.00	H742404	0.0333	0.023	82	1360	0.002	0.600	140	3330	
238.00	240.00	2.00	H742405	0.0333	0.025	88	1335	0.002	0.500	136	3250	

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
236.00	268.00	Upd	Peridotite
268.00	281.10	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.2		0.1	0.1
0.1		0.1	
2.0		1.0	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H742406	0.0833	0.070	168	1335	0.006	0.250	145	3170	
242.00	244.00	2.00	H742407	0.0386	0.029	84	1275	0.003	0.600	139	2940	
244.00	246.00	2.00	H742408	0.0470	0.040	105	1225	0.004	0.250	130	2830	3.03
246.00	248.00	2.00	H742409	0.0771	0.072	142	1265	0.006	0.250	131	2990	
248.00	250.00	2.00	H742411	0.0436	0.032	97	1300	0.003	0.900	135	3110	
250.00	252.00	2.00	H742412	0.0795	0.065	147	1255	0.006	0.900	133	3000	
252.00	254.00	2.00	H742413	0.0389	0.030	97	1230	0.003	0.600	138	2830	
254.00	256.00	2.00	H742414	0.0544	0.047	131	1275	0.004	0.800	145	2860	3.04
256.00	258.00	2.00	H742415	0.0668	0.058	156	1225	0.005	0.500	132	2760	
258.00	260.00	2.00	H742416	0.0663	0.050	136	1245	0.004	0.600	136	2940	
260.00	262.00	2.00	H742417	0.0547	0.046	142	1240	0.004	0.800	131	2930	
262.00	264.00	2.00	H742418	0.0781	0.070	191	1255	0.013	0.500	130	2970	
264.00	266.00	2.00	H742419	0.1110	0.101	255	1310	0.007	0.900	132	2950	2.97
266.00	267.00	1.00	H742420	0.0628	0.051	168	1260	0.005	0.900	133	2930	
267.00	268.00	1.00	H742421	0.1070	0.083	231	1275	0.009	1.000	128	2930	
268.00	269.00	1.00	H742422	0.1180	0.097	272	1270	0.010	0.500	127	2940	
269.00	270.00	1.00	H742423	0.1050	0.085	254	1235	0.009	0.800	128	2960	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

From m	To m	Code	Rock description
268.00	281.10	Mgm	Gabbro - Melanocratic
281.10	289.50	Sg	Sedimentary Gneiss
289.50	294.75	Fgr	Granite
294.75	300.00	Fgr	Granite

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
268.00	281.10	0.1		0.1	
281.10	289.50	3.4	0.5	0.9	2.0
289.50	294.75	1.0			1.0
294.75	300.00	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H742424	0.1050	0.092	245	1200	0.009	0.500	120	2880	
272.00	274.00	2.00	H742425	0.1090	0.089	246	1175	0.009	0.250	119	2990	
274.00	276.00	2.00	H742426	0.0879	0.064	202	1090	0.008	0.250	112	2810	2.96
276.00	278.00	2.00	H742427	0.0837	0.066	237	1040	0.008	0.250	108	2660	
278.00	279.00	1.00	H742428	0.0432	0.031	141	774	0.005	0.600	89	2080	2.89
279.00	280.00	1.00	H742429	0.0469	0.036	155	684	0.005	0.250	81	1850	2.91
280.00	281.10	1.10	H742431	0.1240	0.105	375	712	0.013	0.500	84	1650	2.89
281.10	282.00	0.90	H742432	0.0076	0.006	176	104	0.003	0.250	27	135	
282.00	284.00	2.00	H742433	0.0020	0.002	4	70	0.003	0.250	18	97	
284.00	286.00	2.00	H742434	0.0019	0.002	30	75	0.003	0.250	22	107	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
300.00	317.75	SSS	Sandstone to Siltstone
317.75	319.35	Fgt	Tonalite
319.35	337.00	SSS	Sandstone to Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.7	0.1	0.1	0.5
0.5			0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H742435	0.0015	0.001	7	84	0.002	0.250	23	127	
302.00	303.00	1.00	H742436	0.0022	0.002	77	78	0.002	0.700	22	121	
303.00	305.00	2.00	H742437	0.0018	0.002	74	86	0.002	0.250	27	125	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-141

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/08/2009
End Date: 20/08/2009

Magma Metals (Canada) Ltd.

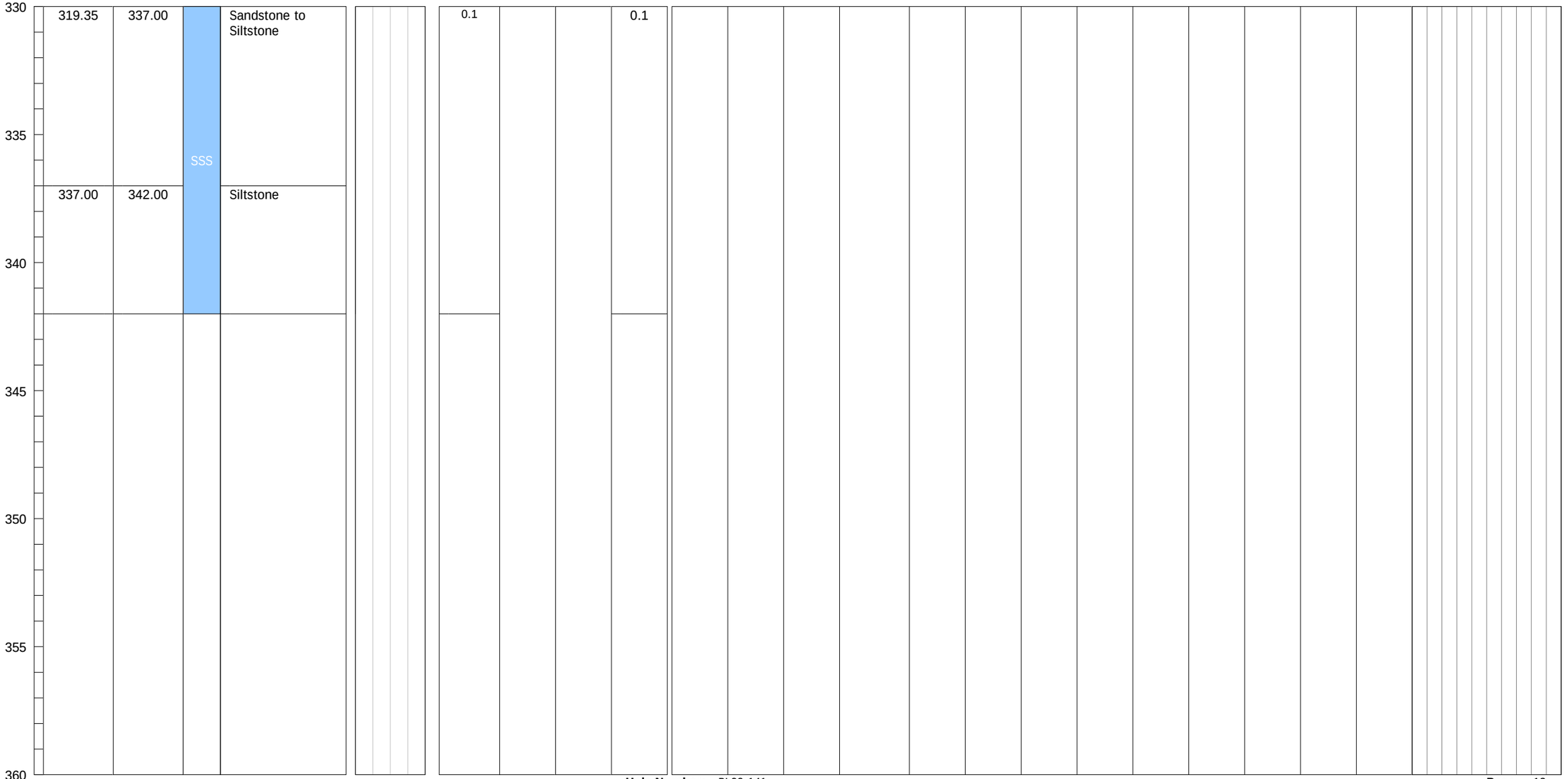
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.44
Easting: 358602.92
Elevation: 483.26

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 342.00

Lithology From m	To m	Code	Rock description
319.35	337.00	SSS	Sandstone to Siltstone
337.00	342.00	SSS	Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description	Magsus (0 100 200)	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) (0 2 4 6 8 10)
0.00	3.00	Ovg	Overburden - Glacial																			
3.00	4.50	Fgr	Granite																			
4.50	11.60	Spt	Siltstone																			
11.60	12.20	Fgr	Granite																			
12.20	17.80	Spt	Siltstone		5.0			5.0														
17.80	23.00	Spt	Sedimentary Gneiss																			
23.00	99.90	Spt	Sandstone		3.0			3.0														
					0.1			0.1														

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

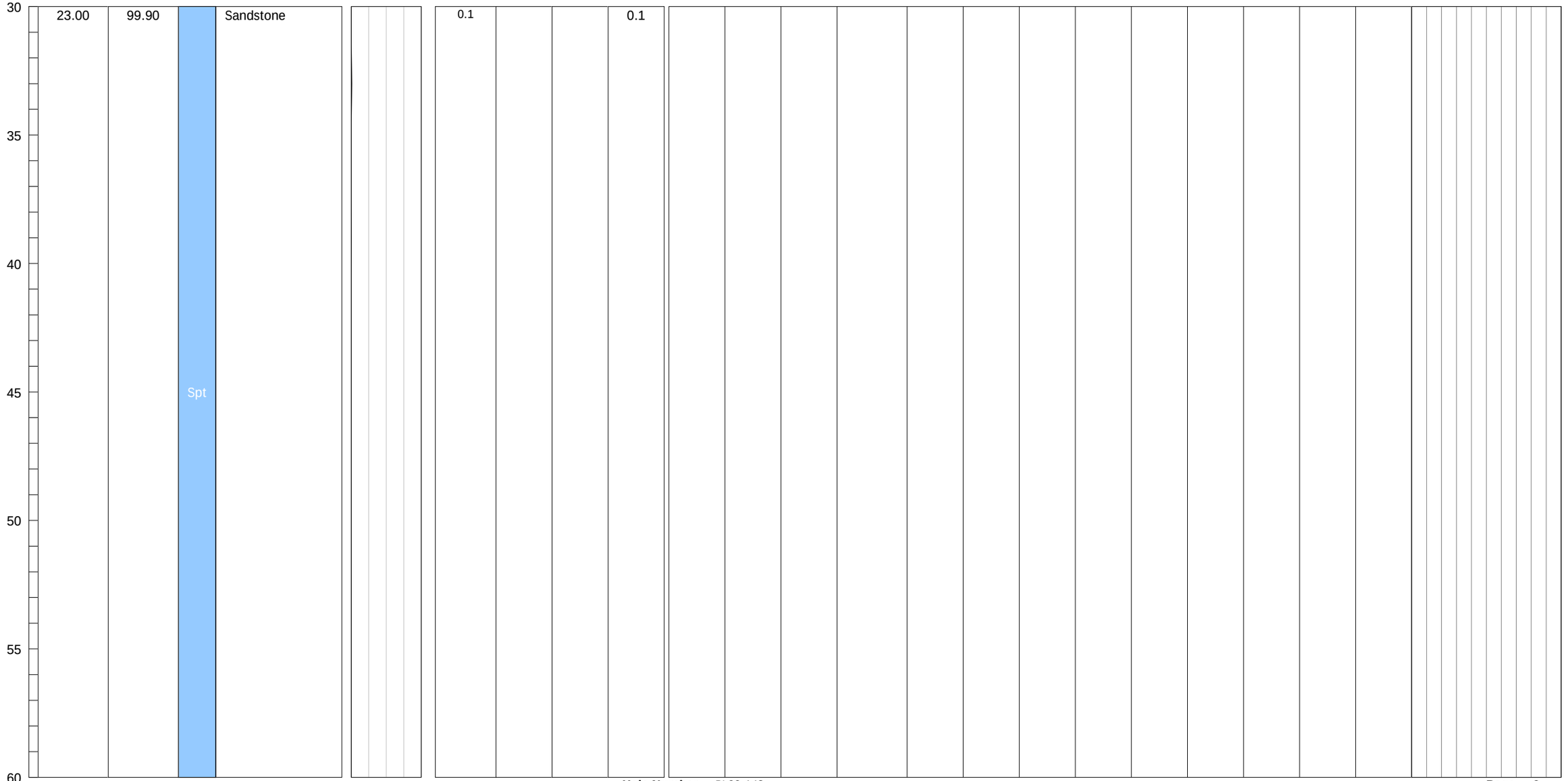
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description
23.00	99.90	Spt	Sandstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

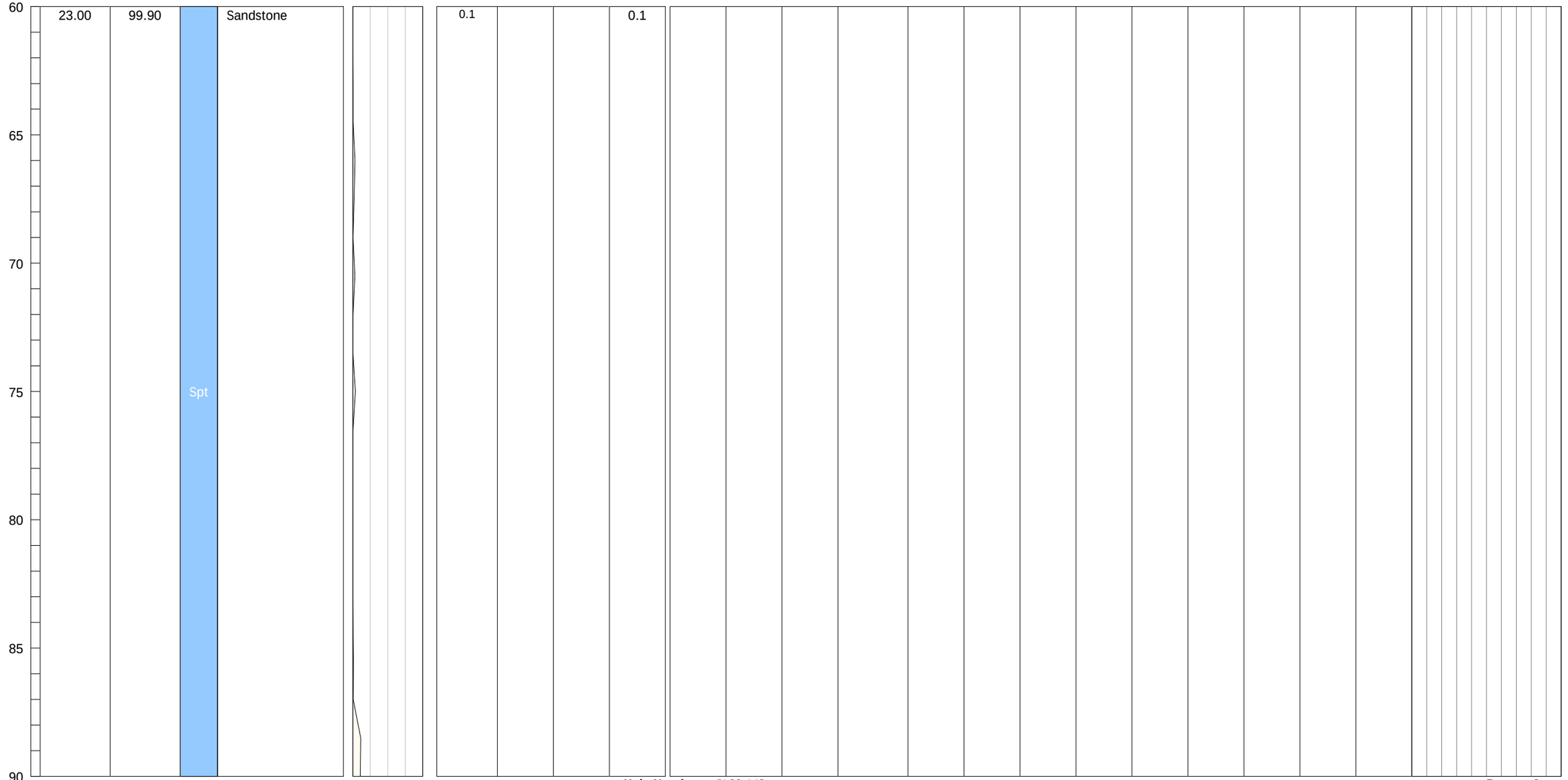
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description
23.00	99.90	Spt	Sandstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

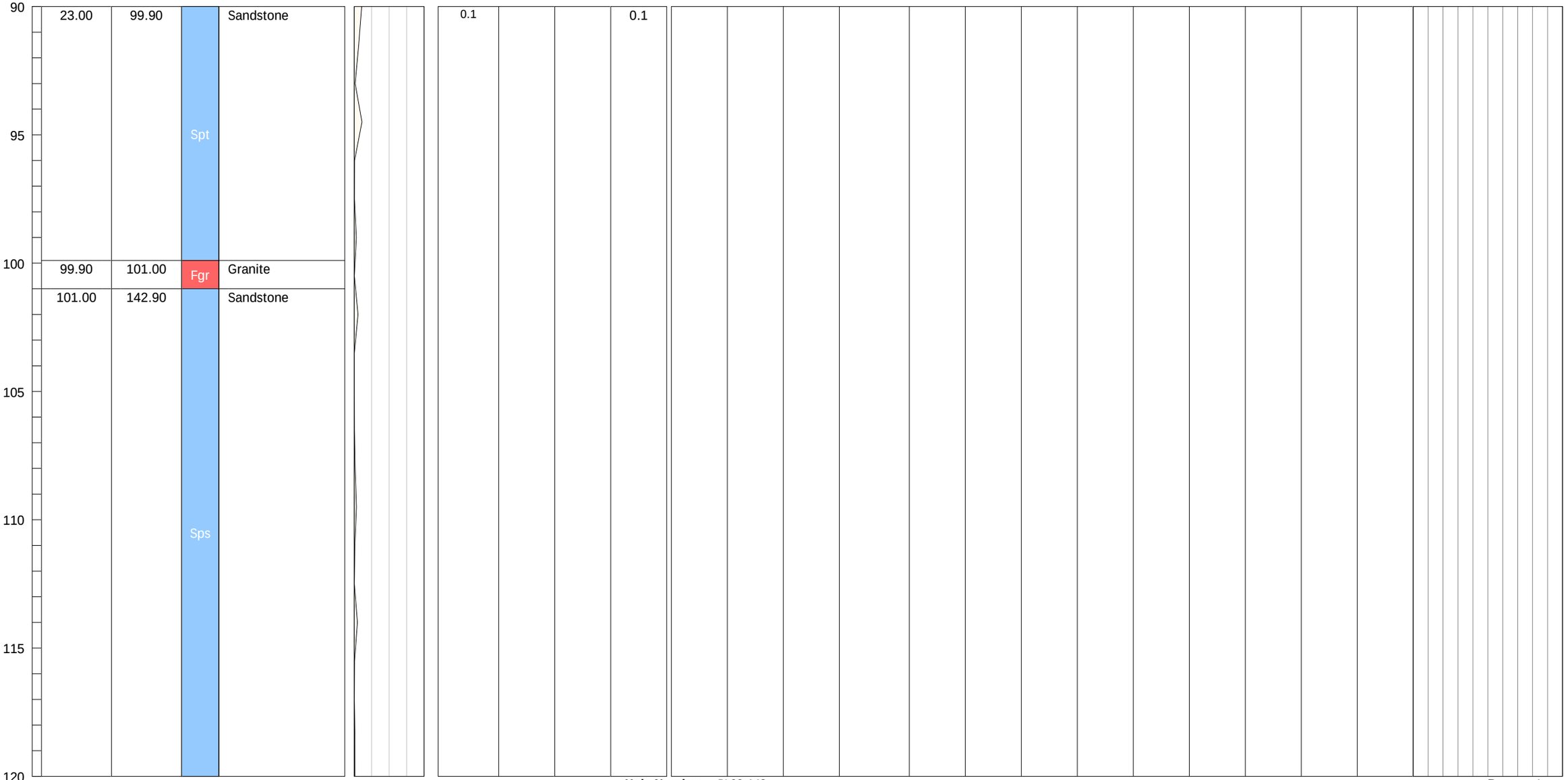
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

From m	To m	Code	Rock description
23.00	99.90	Spt	Sandstone
99.90	101.00	Fgr	Granite
101.00	142.90	Sps	Sandstone



Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description
101.00	142.90	Sps	Sandstone
142.90	146.65	Hg	Hybrid Grey
146.65	147.80	Hg	Hybrid Grey
147.80	150.00	Hg	Hybrid Grey

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
1.0			1.0
0.1			0.1
1.0			1.0
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
139.00	141.00	2.00	H742438	0.0020	0.002	19	77	0.002	0.250	22	115	
141.00	142.90	1.90	H742439	0.0015	0.002	7	58	0.002	0.250	17	96	2.66
142.90	144.00	1.10	H742441	0.0003	0.001	10	6	0.001	0.250	18	3	
144.00	146.00	2.00	H742442	0.0003	0.001	1	2	0.001	0.250	25	2	
146.00	148.00	2.00	H742443	0.0014	0.001	6	11	0.002	0.250	25	13	
148.00	150.00	2.00	H742444	0.0003	0.001	6	6	0.002	0.250	21	3	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

From m	To m	Code	Rock description
150.00	153.70	Hr	Hybrid Classic Red
153.70	154.60	Mgvt	Gabbro - VariTextured
154.60	155.10		Peridotite
155.10	166.85		Peridotite
166.85	224.10	Upd	Peridotite

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
150.00	153.70	0.5			0.5
153.70	154.60	0.1			0.1
154.60	155.10	2.1	1.0	1.0	0.1
155.10	166.85	0.2		0.1	0.1
166.85	224.10	0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H742445	0.0009	0.001	11	5	0.001	0.250	17	4	
152.00	153.70	1.70	H742446	0.0119	0.008	1	25	0.002	0.250	22	29	2.66
153.70	154.60	0.90	H742447	0.0038	0.002	345	183	0.002	0.250	41	552	
154.60	155.10	0.50	H742448	0.8860	0.763	2780	1115	0.070	0.250	114	634	
155.10	157.00	1.90	H742449	0.1780	0.156	528	864	0.013	0.250	106	1660	
157.00	159.00	2.00	H742451	0.1550	0.134	465	955	0.012	0.250	110	1890	
159.00	161.00	2.00	H742452	0.0390	0.032	162	692	0.005	0.250	88	1410	
161.00	163.00	2.00	H742453	0.0379	0.029	127	875	0.005	0.250	106	1880	2.91
163.00	165.00	2.00	H742454	0.0604	0.052	175	974	0.006	0.250	118	2100	
165.00	166.85	1.85	H742455	0.0649	0.056	183	1005	0.006	0.250	120	2130	
166.85	168.00	1.15	H742456	0.0733	0.058	172	1105	0.006	0.250	130	2370	
168.00	170.00	2.00	H742457	0.0626	0.053	197	1065	0.005	0.250	126	2340	
170.00	172.00	2.00	H742458	0.0490	0.044	154	1140	0.005	0.250	132	2480	
172.00	174.00	2.00	H742459	0.0929	0.080	215	1190	0.008	0.250	133	2590	3.01
174.00	176.00	2.00	H742460	0.0643	0.051	153	1190	0.005	0.250	135	2800	
176.00	178.00	2.00	H742461	0.0415	0.034	121	1165	0.004	0.250	131	2740	
178.00	180.00	2.00	H742462	0.0576	0.046	135	1205	0.005	0.250	136	2750	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

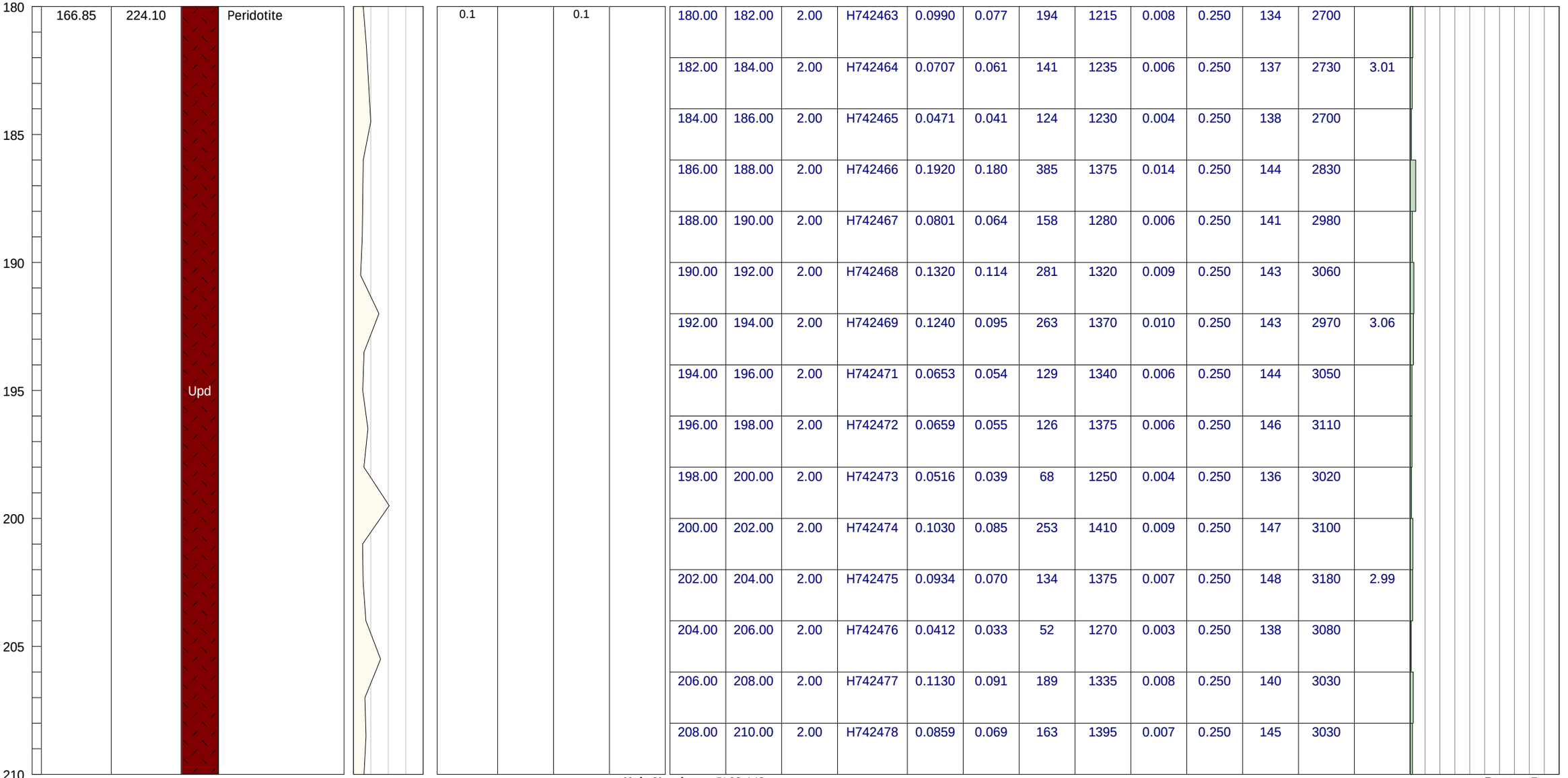
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description
166.85	224.10	Upd	Peridotite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H742463	0.0990	0.077	194	1215	0.008	0.250	134	2700	
182.00	184.00	2.00	H742464	0.0707	0.061	141	1235	0.006	0.250	137	2730	3.01
184.00	186.00	2.00	H742465	0.0471	0.041	124	1230	0.004	0.250	138	2700	
186.00	188.00	2.00	H742466	0.1920	0.180	385	1375	0.014	0.250	144	2830	
188.00	190.00	2.00	H742467	0.0801	0.064	158	1280	0.006	0.250	141	2980	
190.00	192.00	2.00	H742468	0.1320	0.114	281	1320	0.009	0.250	143	3060	
192.00	194.00	2.00	H742469	0.1240	0.095	263	1370	0.010	0.250	143	2970	3.06
194.00	196.00	2.00	H742471	0.0653	0.054	129	1340	0.006	0.250	144	3050	
196.00	198.00	2.00	H742472	0.0659	0.055	126	1375	0.006	0.250	146	3110	
198.00	200.00	2.00	H742473	0.0516	0.039	68	1250	0.004	0.250	136	3020	
200.00	202.00	2.00	H742474	0.1030	0.085	253	1410	0.009	0.250	147	3100	
202.00	204.00	2.00	H742475	0.0934	0.070	134	1375	0.007	0.250	148	3180	2.99
204.00	206.00	2.00	H742476	0.0412	0.033	52	1270	0.003	0.250	138	3080	
206.00	208.00	2.00	H742477	0.1130	0.091	189	1335	0.008	0.250	140	3030	
208.00	210.00	2.00	H742478	0.0859	0.069	163	1395	0.007	0.250	145	3030	

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description
166.85	224.10		Peridotite
224.10	232.60	Upd	Peridotite
232.60	272.00		Peridotite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
0.9		0.9	
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H742479	0.0525	0.048	78	1365	0.004	0.250	144	3350	
212.00	214.00	2.00	H742481	0.1020	0.083	174	1390	0.008	0.250	146	3270	2.95
214.00	216.00	2.00	H742482	0.0668	0.051	110	1345	0.005	0.250	149	3090	
216.00	218.00	2.00	H742483	0.0705	0.062	151	1310	0.006	0.250	143	2880	
218.00	220.00	2.00	H742484	0.0667	0.053	136	1330	0.006	0.250	144	3080	
220.00	222.00	2.00	H742485	0.0671	0.058	146	1395	0.006	0.250	148	3100	
222.00	224.00	2.00	H742486	0.0760	0.060	137	1300	0.006	0.250	139	3020	2.96
224.00	226.00	2.00	H742487	0.0558	0.047	107	1145	0.005	0.250	125	2790	
226.00	228.00	2.00	H742488	0.0625	0.050	118	1075	0.006	0.250	113	2500	
228.00	230.00	2.00	H742489	0.0705	0.057	128	1055	0.007	0.250	113	2540	
230.00	232.00	2.00	H742491	0.0812	0.063	123	1150	0.006	0.250	123	2860	2.84
232.00	234.00	2.00	H742492	0.1040	0.089	200	1315	0.008	0.250	133	3030	
234.00	236.00	2.00	H742493	0.1110	0.093	186	1415	0.008	0.250	141	3320	
236.00	238.00	2.00	H742494	0.0731	0.056	116	1380	0.005	0.250	138	3460	
238.00	240.00	2.00	H742495	0.0998	0.078	130	1215	0.007	0.250	118	3010	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

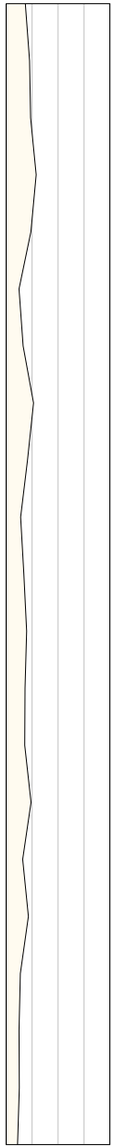
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

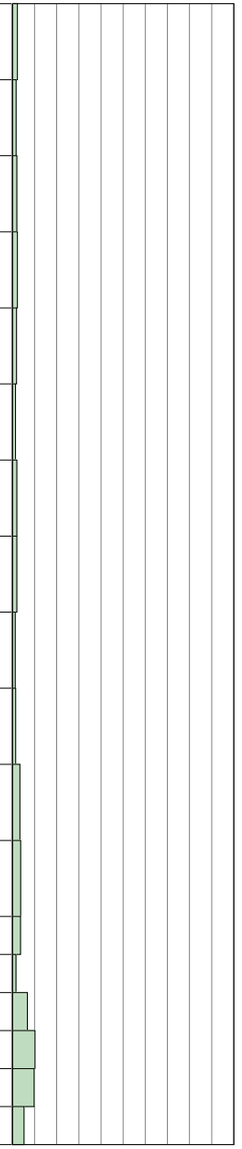
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description
232.60	272.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
1.5	0.1	0.9	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H742496	0.1220	0.102	240	1450	0.008	0.250	132	3640	
242.00	244.00	2.00	H742497	0.0937	0.075	191	1540	0.008	0.250	137	4240	2.84
244.00	246.00	2.00	H742498	0.1100	0.087	210	1515	0.008	0.250	138	3950	
246.00	248.00	2.00	H742499	0.1250	0.098	267	1460	0.010	0.250	140	3520	
248.00	250.00	2.00	H742500	0.1040	0.083	183	1385	0.007	0.250	136	3230	
250.00	252.00	2.00	H742501	0.0772	0.061	152	1300	0.006	0.250	134	3080	
252.00	254.00	2.00	H742502	0.1100	0.088	212	1335	0.008	0.250	139	3120	2.91
254.00	256.00	2.00	H742503	0.1060	0.092	217	1305	0.009	0.250	135	2910	2.94
256.00	258.00	2.00	H742504	0.0679	0.058	142	1270	0.006	0.250	134	2940	
258.00	260.00	2.00	H742505	0.0805	0.064	147	1330	0.006	0.250	138	3050	
260.00	262.00	2.00	H742506	0.1770	0.158	418	1450	0.013	0.250	142	3080	
262.00	264.00	2.00	H742507	0.1990	0.171	424	1460	0.014	0.250	144	3110	2.82
264.00	265.00	1.00	H742508	0.1950	0.169	459	1440	0.015	0.250	146	2980	3.05
265.00	266.00	1.00	H742509	0.0876	0.071	209	1270	0.007	0.250	143	2840	
266.00	267.00	1.00	H742511	0.3570	0.318	864	1500	0.024	0.500	151	2850	
267.00	268.00	1.00	H742512	0.5260	0.496	1325	1645	0.036	0.800	153	2820	
268.00	269.00	1.00	H742513	0.5070	0.471	1145	1560	0.036	1.100	154	2690	
269.00	270.00	1.00	H742514	0.2770	0.247	643	1410	0.021	0.500	146	2640	3.00



Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

From m	To m	Code	Rock description
232.60	272.00	Upd	Peridotite
272.00	282.00	Upd	Peridotite
282.00	293.70	Mgm	Gabbro - Melanocratic
293.70	293.90	Hg	Hybrid Grey
293.90	296.60	Spt	Siltstone
296.60	313.50	Spt	Sandstone

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
232.60	272.00	1.5	0.1	0.9	0.5
272.00	282.00	0.1		0.1	
282.00	293.70	0.1		0.1	
293.70	293.90	4.9	2.0	0.9	2.0
293.90	296.60	2.3	0.9	0.9	0.5
		1.1	0.1		1.0
296.60	313.50	1.0			1.0
		0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	271.00	1.00	H742515	0.2200	0.200	530	1345	0.018	0.500	143	2620	
271.00	272.00	1.00	H742516	0.2350	0.222	617	1425	0.018	0.250	149	2690	
272.00	274.00	2.00	H742517	0.3180	0.284	792	1495	0.023	0.600	139	2820	3.07
274.00	276.00	2.00	H742518	0.2810	0.232	650	1545	0.020	0.500	135	3430	
276.00	278.00	2.00	H742519	0.2580	0.203	530	1485	0.017	0.250	133	3550	
278.00	280.00	2.00	H742521	0.1460	0.116	347	1320	0.011	0.700	128	3280	2.98
280.00	282.00	2.00	H742522	0.0976	0.079	268	1205	0.008	0.250	123	2920	
282.00	284.00	2.00	H742523	0.0823	0.068	248	1180	0.007	0.250	124	2990	2.99
284.00	286.00	2.00	H742524	0.1320	0.115	365	1170	0.010	0.500	121	2740	
286.00	288.00	2.00	H742525	0.0686	0.055	214	986	0.006	0.250	112	2400	
288.00	290.00	2.00	H742526	0.0954	0.078	292	954	0.008	0.250	110	2240	
290.00	291.40	1.40	H742527	0.0425	0.030	158	799	0.005	0.250	100	1940	
291.40	292.40	1.00	H742528	0.3860	0.312	993	847	0.037	0.700	100	1610	2.96
292.40	293.40	1.00	H742529	1.2900	1.320	4960	1415	0.180	2.800	111	1490	2.95
293.40	293.90	0.50	H742531	5.3100	3.960	14400	1400	0.520	5.500	90	690	2.90
293.90	294.40	0.50	H742532	0.0708	0.056	165	84	0.011	0.250	20	114	2.92
294.40	296.40	2.00	H742533	0.0105	0.008	24	64	0.003	0.250	20	121	2.91
296.40	298.40	2.00	H742534	0.0028	0.003	8	116	0.003	0.250	25	244	2.96

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

From m	To m	Code	Rock description
296.60	313.50	Spt	Sandstone
313.50	322.50	Spt	Siltstone
322.50	325.00	Fgr	Granite
325.00	339.80	SSS	Sandstone to Siltstone

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-142

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/08/2009
End Date: 23/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402448.64
Easting: 358601.36
Elevation: 475.80

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 345.00

Lithology From m	To m	Code	Rock description
325.00	339.80	SSS	Sandstone to Siltstone
339.80	345.00	Fgt	Tonalite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

0.5 | 0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

330 335 340 345 350 355 360

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
0.00	2.70	Ovm	Overburden - Mud
2.70	39.30	Sps	Sandstone

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

Sulphide	Py
0.1	0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
2.70	39.30	Sps	Sandstone		0.1			0.1														
39.30	41.60	Fgr	Granite																			
41.60	67.50	Sps	Sandstone																			

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
41.60	67.50	Sps	Sandstone
67.50	86.95	Sps	Sandstone to Siltstone
86.95	88.60	Fgr	Granite
88.60	139.65	SSS	Sandstone to Siltstone

Magsus 0 100 200 | Sulphide % 0.1 | Cpy % | Po % | Py % 0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

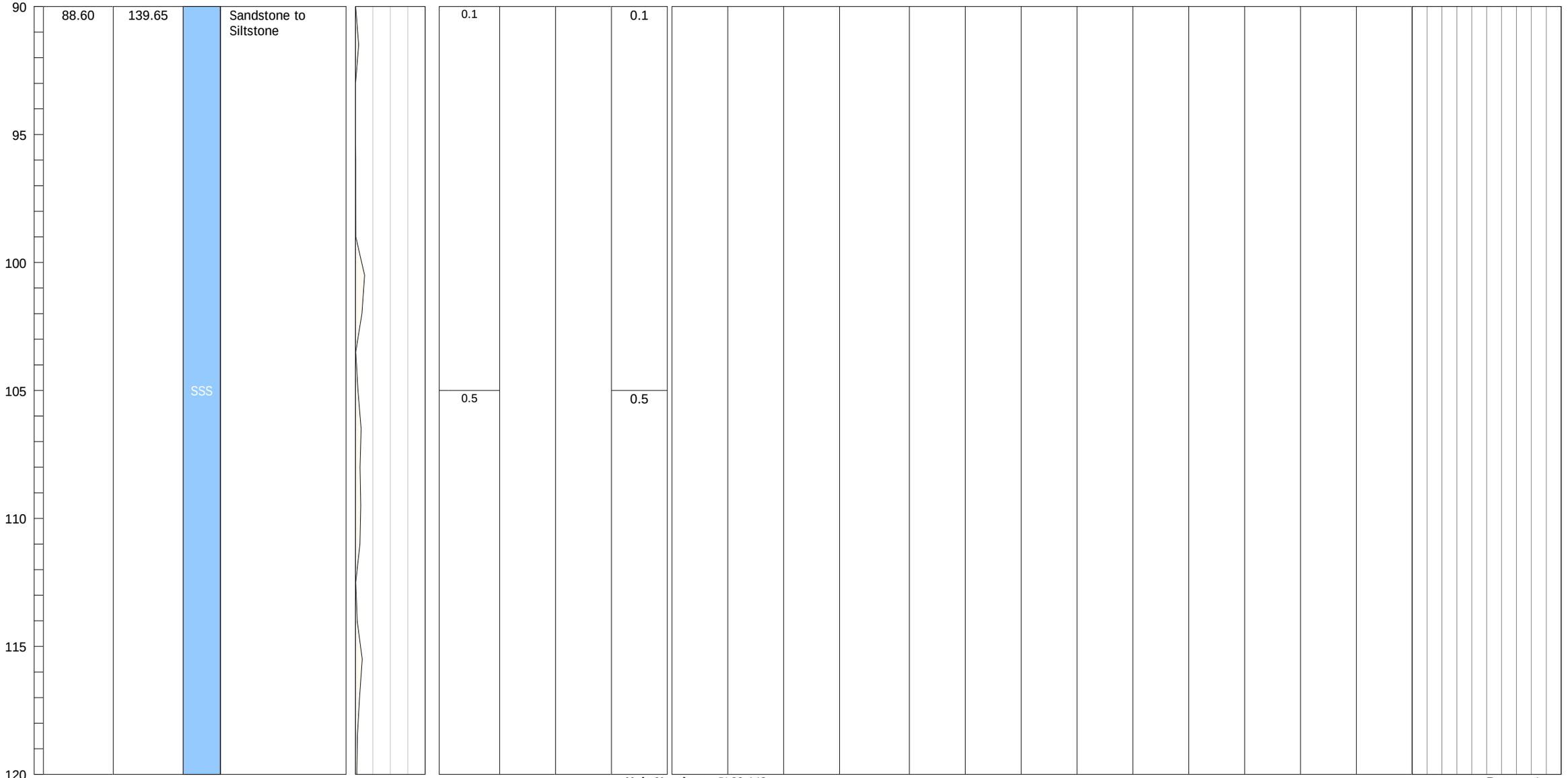
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
88.60	139.65	SSS	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
88.60	139.65	SSS	Sandstone to Siltstone
139.65	140.70	Fgr	Granite
140.70	152.00	Sps	Sandstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.6	0.1		0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
146.00	148.00	2.00	H742535	0.0012	0.001	60	71	0.001	0.500	22	132	2.93
148.00	150.00	2.00	H742536	0.0016	0.001	45	62	0.001	0.500	20	113	2.95

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

From m	To m	Code	Rock description
140.70	152.00	Sps	Sandstone
152.00	153.35	Hr	Hybrid Classic Red
153.35	157.50	Hr	Hybrid Classic Red
157.50	160.70	Hr	Hybrid Classic Red
160.70	175.20	Hr	Hybrid Classic Red
175.20	176.20	Mgvt	Gabbro - VariTextured
176.20	196.00	Upd	Peridotite

From m	To m	Sulphide %	Cpy %	Po %	Py %
140.70	152.00	0.6	0.1		0.5
152.00	153.35	0.9			0.9
153.35	157.50	3.0			3.0
157.50	160.70				
160.70	175.20	0.9			0.9
175.20	176.20	1.2	0.1	0.1	1.0
176.20	196.00	1.1	0.1		1.0
		0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H742537	0.0023	0.002	121	69	0.001	0.700	21	121	2.93
152.00	153.50	1.50	H742538	0.0739	0.060	74	80	0.004	0.700	19	103	2.92
153.50	155.00	1.50	H742539	0.0278	0.024	188	73	0.002	0.800	33	166	2.88
155.00	157.00	2.00	H742540	0.0128	0.009	230	49	0.002	0.500	32	150	2.67
157.00	159.00	2.00	H742541	0.0119	0.007	136	49	0.002	0.500	23	115	2.93
159.00	161.00	2.00	H742542	0.0118	0.005	117	55	0.001	0.500	27	98	
161.00	163.00	2.00	H742543	0.0031	0.001	10	23	0.001	0.250	24	45	
163.00	165.00	2.00	H742544	0.0006	0.001	1	22	0.001	0.250	27	40	
165.00	167.00	2.00	H742545	0.0003	0.001	41	13	0.001	0.600	24	19	2.69
167.00	169.00	2.00	H742546	0.0005	0.001	2	16	0.001	0.250	26	51	
169.00	171.00	2.00	H742547	0.0007	0.001	1	10	0.001	0.250	25	29	
171.00	173.00	2.00	H742548	0.0014	0.001	12	17	0.001	0.250	29	36	
173.00	174.10	1.10	H742549	0.0050	0.003	70	3	0.001	0.250	35	11	
174.10	175.20	1.10	H742551	0.0010	0.001	81	26	0.001	0.250	47	31	2.97
175.20	176.20	1.00	H742552	0.1445	0.100	937	499	0.021	0.800	85	452	2.94
176.20	177.50	1.30	H742553	0.2790	0.240	1200	930	0.032	1.800	98	1035	
177.50	179.00	1.50	H742554	0.1300	0.120	353	724	0.009	0.600	109	1510	
179.00	181.00	2.00	H742555	0.2730	0.241	988	1075	0.025	0.600	123	1800	

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

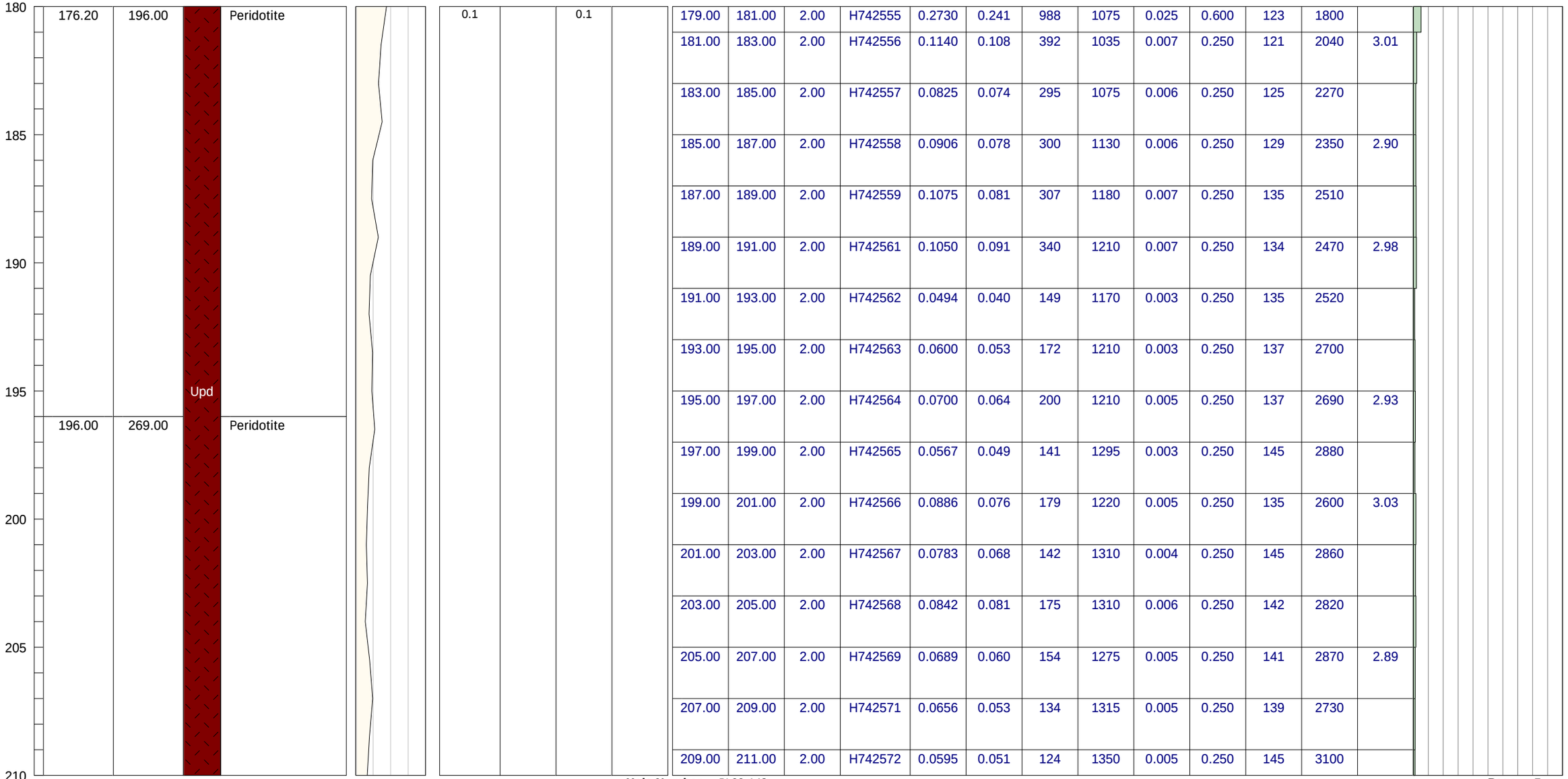
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
176.20	196.00	Upd	Peridotite
196.00	269.00	Upd	Peridotite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H742555	0.2730	0.241	988	1075	0.025	0.600	123	1800	
181.00	183.00	2.00	H742556	0.1140	0.108	392	1035	0.007	0.250	121	2040	3.01
183.00	185.00	2.00	H742557	0.0825	0.074	295	1075	0.006	0.250	125	2270	
185.00	187.00	2.00	H742558	0.0906	0.078	300	1130	0.006	0.250	129	2350	2.90
187.00	189.00	2.00	H742559	0.1075	0.081	307	1180	0.007	0.250	135	2510	
189.00	191.00	2.00	H742561	0.1050	0.091	340	1210	0.007	0.250	134	2470	2.98
191.00	193.00	2.00	H742562	0.0494	0.040	149	1170	0.003	0.250	135	2520	
193.00	195.00	2.00	H742563	0.0600	0.053	172	1210	0.003	0.250	137	2700	
195.00	197.00	2.00	H742564	0.0700	0.064	200	1210	0.005	0.250	137	2690	2.93
197.00	199.00	2.00	H742565	0.0567	0.049	141	1295	0.003	0.250	145	2880	
199.00	201.00	2.00	H742566	0.0886	0.076	179	1220	0.005	0.250	135	2600	3.03
201.00	203.00	2.00	H742567	0.0783	0.068	142	1310	0.004	0.250	145	2860	
203.00	205.00	2.00	H742568	0.0842	0.081	175	1310	0.006	0.250	142	2820	
205.00	207.00	2.00	H742569	0.0689	0.060	154	1275	0.005	0.250	141	2870	2.89
207.00	209.00	2.00	H742571	0.0656	0.053	134	1315	0.005	0.250	139	2730	
209.00	211.00	2.00	H742572	0.0595	0.051	124	1350	0.005	0.250	145	3100	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	Lithology To m	Lithology Code	Rock description
196.00	269.00	Upd	Peridotite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H742572	0.0595	0.051	124	1350	0.005	0.250	145	3100	
211.00	213.00	2.00	H742573	0.0386	0.031	75	1325	0.003	0.250	145	3000	3.04
213.00	215.00	2.00	H742574	0.0526	0.047	104	1305	0.004	0.250	143	2920	
215.00	217.00	2.00	H742575	0.0516	0.045	125	1295	0.004	0.250	142	2820	3.01
217.00	219.00	2.00	H742576	0.0738	0.069	177	1370	0.005	0.250	145	2810	
219.00	221.00	2.00	H742577	0.0605	0.050	159	1365	0.004	0.250	148	3080	
221.00	223.00	2.00	H742578	0.1710	0.153	349	1405	0.013	0.250	144	3110	2.99
223.00	225.00	2.00	H742579	0.0684	0.056	155	1310	0.005	0.250	146	2890	
225.00	227.00	2.00	H742580	0.0521	0.045	117	1270	0.004	0.250	143	2720	3.04
227.00	229.00	2.00	H742581	0.0350	0.028	86	1235	0.003	0.250	138	2950	
229.00	231.00	2.00	H742582	0.0581	0.050	124	1265	0.004	0.250	138	2880	
231.00	233.00	2.00	H742583	0.0430	0.033	79	1295	0.003	0.250	143	3000	
233.00	235.00	2.00	H742584	0.0552	0.048	136	1355	0.005	0.250	146	3190	
235.00	237.00	2.00	H742585	0.0726	0.066	177	1360	0.006	0.250	144	3080	2.98
237.00	239.00	2.00	H742586	0.1035	0.094	256	1400	0.008	0.250	144	3200	2.99
239.00	241.00	2.00	H742587	0.0802	0.073	155	1380	0.005	0.250	143	3300	

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	Lithology To m	Lithology Code	Rock description	Magsus (0 100 200)	Sulphide %	Cpy %	Po %	Py %
196.00	269.00	Upd	Peridotite		0.1		0.1	
269.00	296.00		Peridotite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H742587	0.0802	0.073	155	1380	0.005	0.250	143	3300	
241.00	243.00	2.00	H742588	0.1385	0.124	266	1370	0.009	0.250	137	3170	
243.00	245.00	2.00	H742589	0.1535	0.140	311	1475	0.010	0.250	145	3400	
245.00	247.00	2.00	H742591	0.1515	0.131	323	1455	0.010	0.250	140	3240	
247.00	249.00	2.00	H742592	0.1245	0.110	239	1500	0.008	0.250	140	3470	2.68
249.00	251.00	2.00	H742593	0.0867	0.069	194	1605	0.007	0.250	143	4280	
251.00	253.00	2.00	H742594	0.1040	0.085	189	1515	0.007	0.250	139	3790	
253.00	255.00	2.00	H742595	0.0629	0.047	144	1455	0.005	0.250	143	3630	
255.00	257.00	2.00	H742596	0.0724	0.062	141	1410	0.005	0.250	140	3270	
257.00	259.00	2.00	H742597	0.1055	0.092	216	1365	0.008	0.250	140	3170	
259.00	261.00	2.00	H742598	0.0895	0.078	189	1330	0.008	0.250	140	3010	3.05
261.00	263.00	2.00	H742599	0.0502	0.042	104	1345	0.004	0.250	140	3020	
263.00	265.00	2.00	H742601	0.0801	0.069	205	1400	0.006	0.250	139	3040	
265.00	267.00	2.00	H742602	0.1495	0.124	320	1405	0.012	0.250	139	3030	
267.00	269.00	2.00	H742603	0.1110	0.092	255	1290	0.009	0.250	134	2840	2.89
269.00	271.00	2.00	H742604	0.0984	0.079	197	1265	0.007	0.250	136	2740	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
269.00	296.00	Upd	Peridotite
296.00	314.75	Mgm	Gabbro - Melanocratic

Magsus 0 100 200 | Sulphide % 0.1 | Cpy % | Po % 0.1 | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
269.00	271.00	2.00	H742604	0.0984	0.079	197	1265	0.007	0.250	136	2740	
271.00	273.00	2.00	H742605	0.0660	0.054	161	1265	0.005	0.250	136	2770	
273.00	275.00	2.00	H742606	0.0789	0.069	199	1305	0.007	0.250	135	2950	
275.00	277.00	2.00	H742607	0.0791	0.067	167	1335	0.006	0.250	136	3050	
277.00	279.00	2.00	H742608	0.0712	0.059	175	1325	0.005	0.250	134	2980	2.94
279.00	281.00	2.00	H742609	0.1170	0.100	284	1385	0.009	0.250	134	3070	
281.00	283.00	2.00	H742611	0.1010	0.083	246	1410	0.008	0.250	137	3100	
283.00	285.00	2.00	H742612	0.1010	0.085	228	1390	0.009	0.250	134	3220	
285.00	287.00	2.00	H742613	0.1850	0.159	425	1475	0.014	0.250	134	3250	
287.00	289.00	2.00	H742614	0.1955	0.168	447	1470	0.014	0.500	133	3430	2.89
289.00	291.00	2.00	H742615	0.2620	0.221	663	1630	0.016	0.250	142	3980	
291.00	293.00	2.00	H742616	0.1330	0.114	363	1460	0.009	0.250	143	3530	
293.00	294.50	1.50	H742617	0.0780	0.066	194	1420	0.005	0.250	144	3600	
294.50	296.00	1.50	H742618	0.0783	0.065	227	1350	0.005	0.250	144	3400	
296.00	298.00	2.00	H742619	0.0446	0.032	134	1340	0.002	0.250	140	3540	2.93
298.00	300.00	2.00	H742620	0.1015	0.085	276	1340	0.006	0.250	135	3250	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
296.00	314.75	Mgm	Gabbro - Melanocratic
314.75	314.95		Hybrid Classic Red Granite
314.95	319.90	Fgr	
319.90	346.50	SSS	Sandstone to Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
0.9		0.9	
2.0	1.0	1.0	
1.9	0.5	0.5	0.9
4.4	0.9	0.5	3.0
1.4	0.5		0.9
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H742621	0.0699	0.059	206	1270	0.004	0.250	134	3080	
302.00	304.00	2.00	H742622	0.1015	0.088	375	1250	0.007	0.250	133	2850	
304.00	306.00	2.00	H742623	0.0625	0.048	181	1200	0.004	0.250	128	2930	
306.00	308.00	2.00	H742624	0.0483	0.039	180	1120	0.003	0.250	125	2660	
308.00	309.00	1.00	H742625	0.0719	0.062	229	1100	0.006	0.250	120	2600	2.90
309.00	310.00	1.00	H742626	0.0631	0.057	224	925	0.003	0.250	106	2300	2.92
310.00	311.00	1.00	H742627	1.0400	0.940	2540	1860	0.070	1.100	136	2420	2.94
311.00	312.00	1.00	H742628	0.2790	0.248	675	1050	0.020	0.250	110	2400	2.92
312.00	313.00	1.00	H742629	0.0476	0.037	186	848	0.003	0.250	101	2020	2.99
313.00	314.00	1.00	H742631	0.0941	0.082	355	857	0.006	0.250	100	1965	2.95
314.00	314.95	0.95	H742632	0.1010	0.094	370	681	0.013	0.250	85	1420	2.86
314.95	316.00	1.05	H742633	0.0180	0.022	65	35	0.001	0.250	4	21	2.57
316.00	318.00	2.00	H742634	0.0012	0.001	4	16	0.001	0.250	5	31	
318.00	319.90	1.90	H742635	0.0010	0.001	8	19	0.001	0.250	6	42	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-143

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/08/2009
End Date: 27/08/2009

Magma Metals (Canada) Ltd.

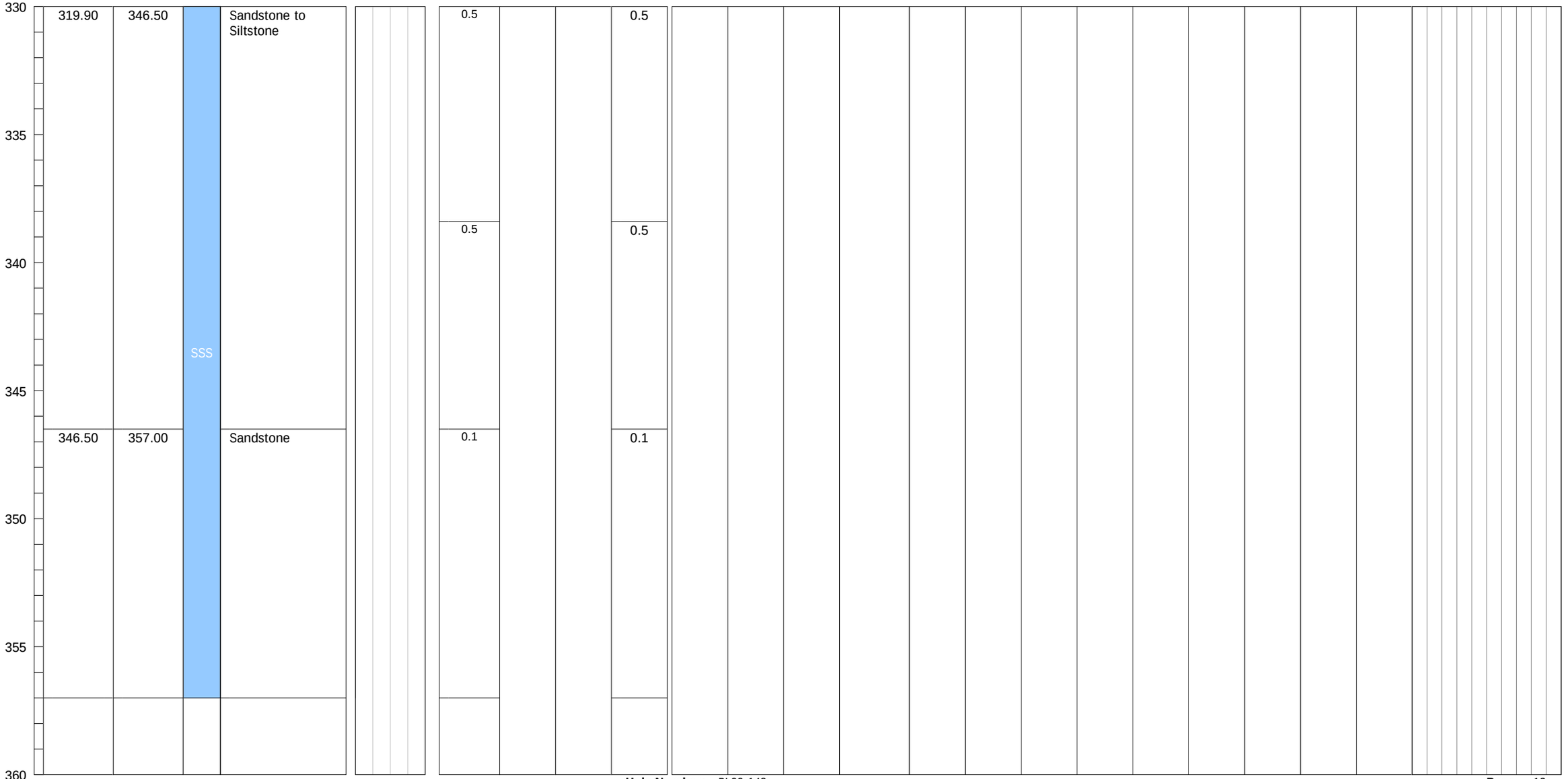
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402399.46
Easting: 358601.25
Elevation: 475.60

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 357.00

Lithology From m	To m	Code	Rock description
319.90	346.50	SSS	Sandstone to Siltstone
346.50	357.00	SSS	Sandstone



Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

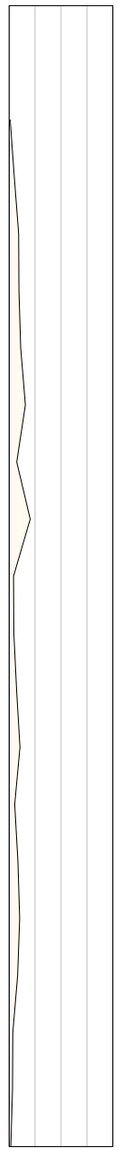
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

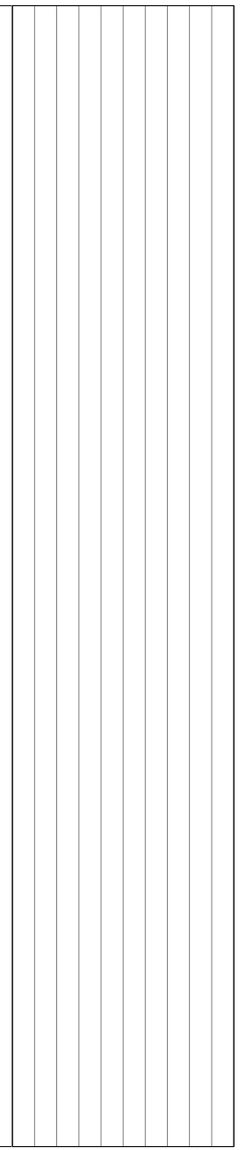
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

From m	To m	Code	Rock description
0.00	3.00	Ovg	Overburden - Glacial
3.00	46.80	Sps	Sandstone



From m	Sulphide %	Cpy %	Po %	Py %
3.00	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm



Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

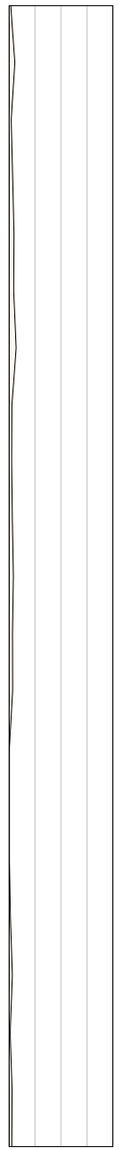
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

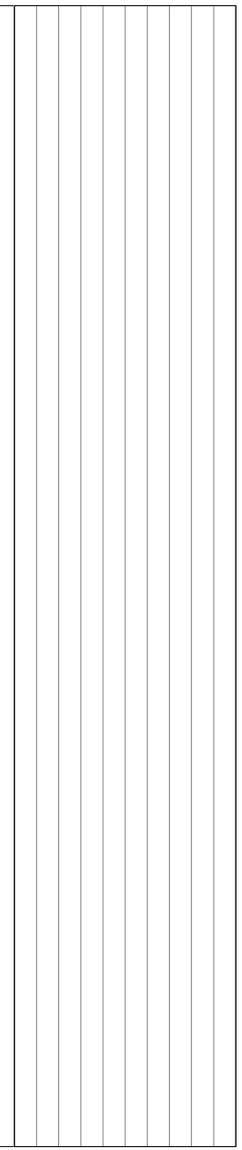
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
3.00	46.80	Sps	Sandstone
46.80	151.95	Sps	Sandstone to Siltstone



Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm



Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

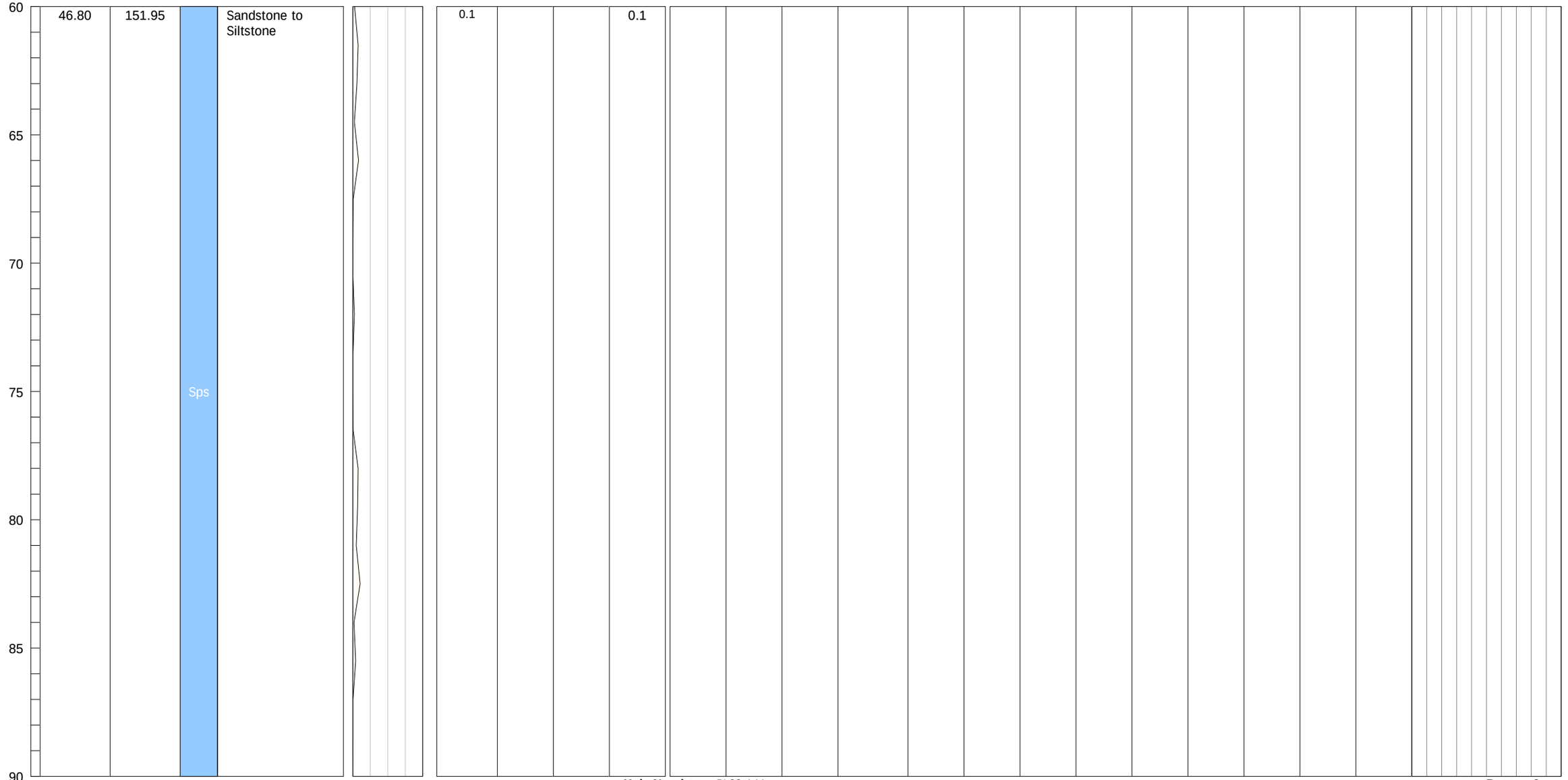
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
46.80	151.95	Sps	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

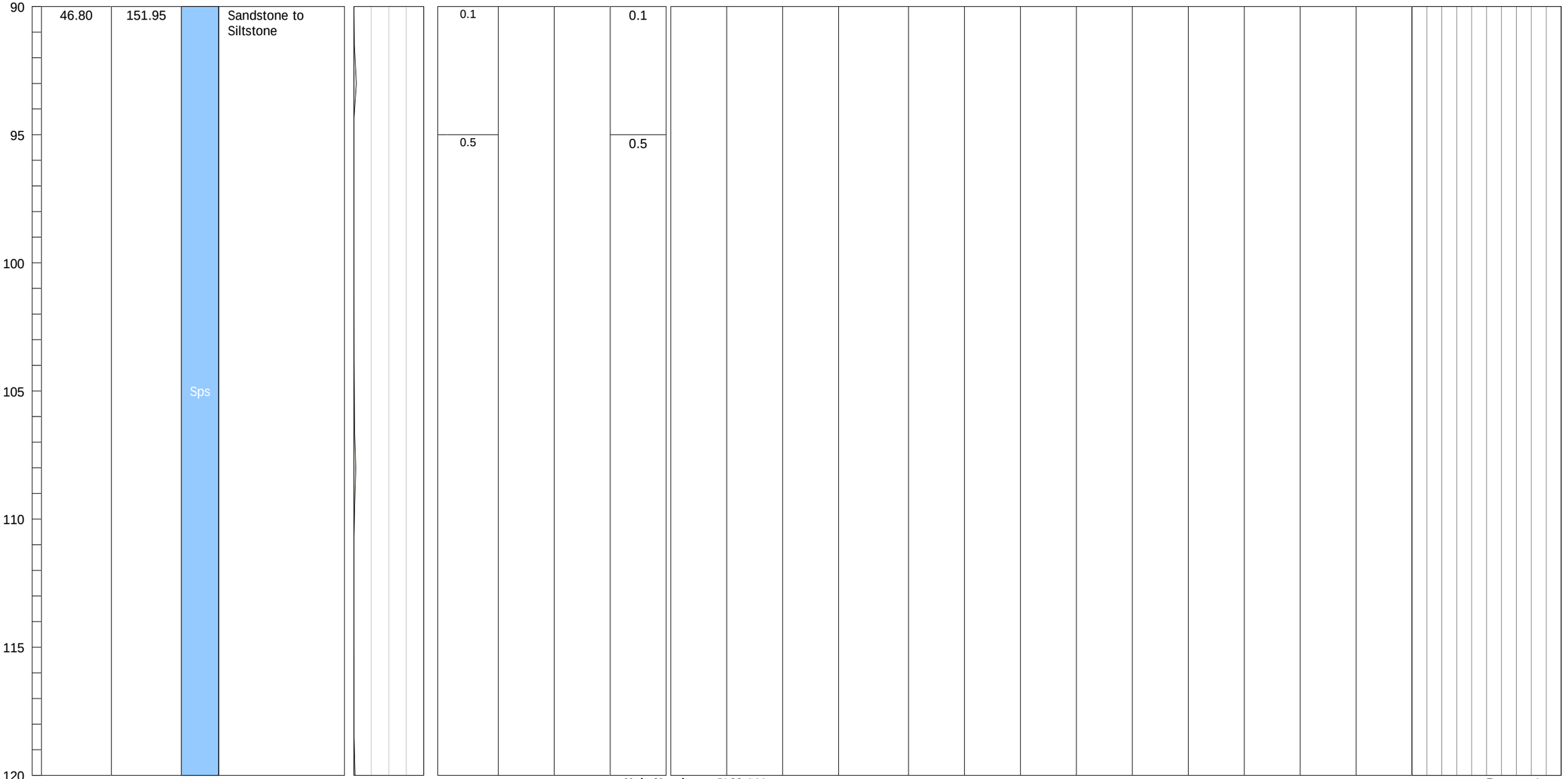
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
46.80	151.95	Sps	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

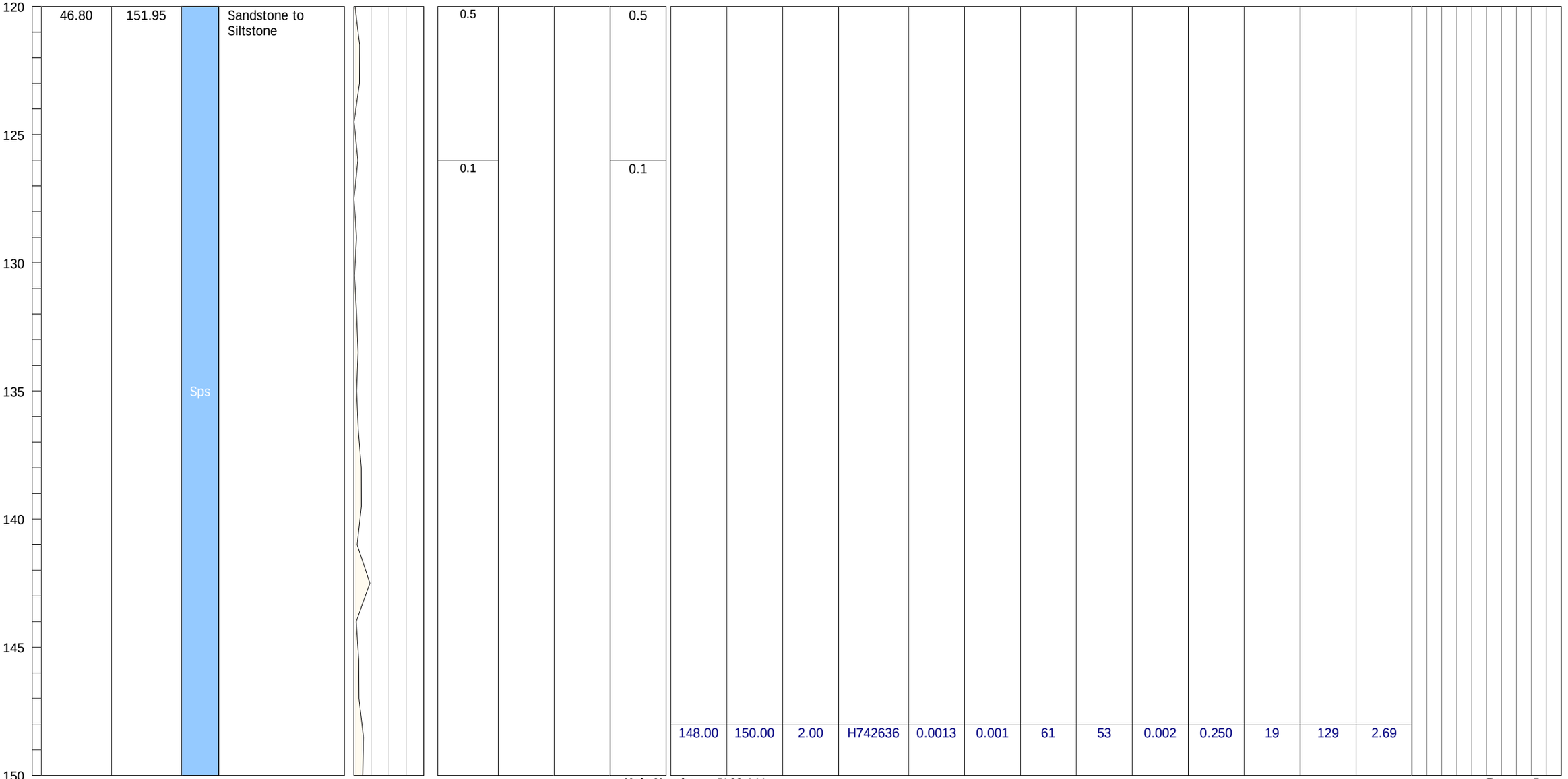
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
46.80	151.95	Sps	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
148.00	150.00	2.00	H742636	0.0013	0.001	61	53	0.002	0.250	19	129	2.69

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

From m	To m	Code	Rock description
46.80	151.95	Sps	Sandstone to Siltstone
151.95	153.10	Hr	Hybrid Classic Red
153.10	156.05	Hr	Hybrid Classic Red
156.05	161.90	Hr	Hybrid Classic Red
161.90	166.70	Hr	Hybrid Classic Red
166.70	172.90	Hr	Hybrid Classic Red
172.90	176.15	Hr	Hybrid Classic Red
176.15	177.15	Mgvt	Gabbro - VariTextured
177.15	196.00	Upd	Peridotite

From m	Sulphide %	Cpy %	Po %	Py %
46.80	0.1			0.1
151.95	3.5	0.5		3.0
153.10	2.0			2.0
156.05	0.6	0.1		0.5
161.90	0.1			0.1
166.70				
172.90	1.0			1.0
176.15	4.0	0.5	0.5	3.0
177.15	1.0	0.1	0.9	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	151.95	1.95	H742637	0.0019	0.002	77	47	0.003	0.250	17	119	
151.95	153.10	1.15	H742638	0.1790	0.165	488	139	0.018	0.250	24	142	
153.10	154.60	1.50	H742639	0.0086	0.007	76	51	0.003	0.250	29	153	
154.60	156.05	1.45	H742641	0.0077	0.005	42	46	0.003	0.250	29	153	
156.05	158.00	1.95	H742642	0.0091	0.006	124	41	0.003	0.250	15	101	
158.00	160.00	2.00	H742643	0.0066	0.003	11	33	0.003	0.250	16	71	2.61
160.00	161.90	1.90	H742644	0.0051	0.003	3	23	0.002	0.250	16	36	
161.90	164.00	2.10	H742645	0.0019	0.001	3	28	0.002	0.250	24	40	
164.00	166.00	2.00	H742646	0.0013	0.001	1	9	0.002	0.250	25	16	
166.00	168.00	2.00	H742647	0.0006	0.001	1	11	0.002	0.250	21	15	
168.00	170.00	2.00	H742648	0.0370	0.025	4	42	0.003	0.250	26	80	2.66
170.00	172.00	2.00	H742649	0.0021	0.001	1	15	0.001	0.250	27	24	
172.00	174.00	2.00	H742651	0.0011	0.001	1	12	0.002	0.250	30	23	
174.00	175.00	1.00	H742652	0.0006	0.001	71	6	0.002	0.250	40	8	
175.00	176.15	1.15	H742653	0.0017	0.001	137	22	0.002	0.250	56	17	
176.15	177.15	1.00	H742654	0.1710	0.139	983	552	0.021	0.600	90	482	
177.15	179.00	1.85	H742655	0.1100	0.093	458	730	0.010	0.600	100	1340	
179.00	181.00	2.00	H742656	0.0611	0.052	267	799	0.006	0.250	112	1560	2.95

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
177.15	196.00	Upd	Peridotite
196.00	215.80	Upd	Peridotite

Magsus (0 – 100 – 200)

Sulphide %	Cpy %	Po %	Py %
1.0	0.1	0.9	
0.6		0.5	0.1
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H742656	0.0611	0.052	267	799	0.006	0.250	112	1560	2.95
181.00	183.00	2.00	H742657	0.1630	0.151	451	992	0.012	0.250	122	1880	
183.00	185.00	2.00	H742658	0.0869	0.078	278	1010	0.007	0.250	123	2110	
185.00	187.00	2.00	H742659	0.1075	0.096	315	1080	0.008	0.250	126	2140	
187.00	189.00	2.00	H742660	0.1945	0.173	507	1230	0.013	0.250	136	2580	2.99
189.00	191.00	2.00	H742661	0.1055	0.096	330	1150	0.008	0.250	134	2490	
191.00	193.00	2.00	H742662	0.0843	0.070	309	1150	0.008	0.250	135	2490	
193.00	195.00	2.00	H742663	0.0734	0.063	272	1240	0.007	0.250	143	2820	
195.00	197.00	2.00	H742664	0.0864	0.073	271	1280	0.007	0.500	142	2850	
197.00	199.00	2.00	H742665	0.0568	0.047	167	1250	0.005	0.250	141	2790	
199.00	201.00	2.00	H742666	0.0893	0.077	249	1270	0.008	0.250	143	2690	3.00
201.00	203.00	2.00	H742667	0.0592	0.050	143	1270	0.005	0.250	143	2830	
203.00	205.00	2.00	H742668	0.0742	0.065	198	1290	0.005	0.250	143	2940	
205.00	207.00	2.00	H742669	0.0860	0.072	201	1340	0.007	0.250	145	3000	
207.00	209.00	2.00	H742671	0.0772	0.066	204	1360	0.007	0.250	147	3120	
209.00	211.00	2.00	H742672	0.0936	0.076	183	1430	0.007	0.250	155	3190	2.98

Pt + Pd (ppm) (0 – 2 – 4 – 6 – 8 – 10)

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
196.00	215.80	Upd	Peridotite		0.1		0.1	
215.80	216.20		No Sample Void					
216.20	277.00	Upd	Peridotite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H742672	0.0936	0.076	183	1430	0.007	0.250	155	3190	2.98
211.00	213.00	2.00	H742673	0.0643	0.055	141	1310	0.005	0.250	149	3160	
213.00	215.00	2.00	H742674	0.1480	0.134	351	1390	0.011	0.250	148	3030	
215.00	217.00	2.00	H742675	0.1915	0.156	370	1310	0.013	0.250	144	2890	
217.00	219.00	2.00	H742676	0.1160	0.102	263	1380	0.010	0.250	146	2910	
219.00	221.00	2.00	H742677	0.0836	0.070	190	1360	0.007	0.250	145	2970	2.92
221.00	223.00	2.00	H742678	0.0750	0.062	176	1350	0.006	0.250	148	3180	
223.00	225.00	2.00	H742679	0.0519	0.041	132	1290	0.004	0.250	145	2900	
225.00	227.00	2.00	H742681	0.0747	0.064	187	1310	0.006	0.250	148	2940	
227.00	229.00	2.00	H742682	0.0678	0.059	189	1260	0.006	0.250	140	2880	
229.00	231.00	2.00	H742683	0.0739	0.066	236	1290	0.006	0.250	144	3040	2.93
231.00	233.00	2.00	H742684	0.1100	0.101	301	1360	0.012	0.250	142	2950	
233.00	235.00	2.00	H742685	0.0770	0.067	190	1340	0.007	0.250	141	3030	
235.00	237.00	2.00	H742686	0.0583	0.050	163	1310	0.005	0.250	140	3000	
237.00	239.00	2.00	H742687	0.0716	0.060	182	1350	0.005	0.250	141	3130	
239.00	241.00	2.00	H742688	0.0834	0.070	215	1515	0.006	0.250	155	3700	2.87

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

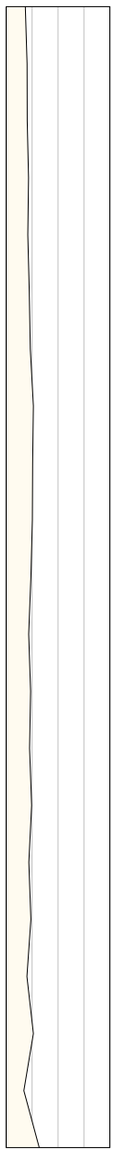
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

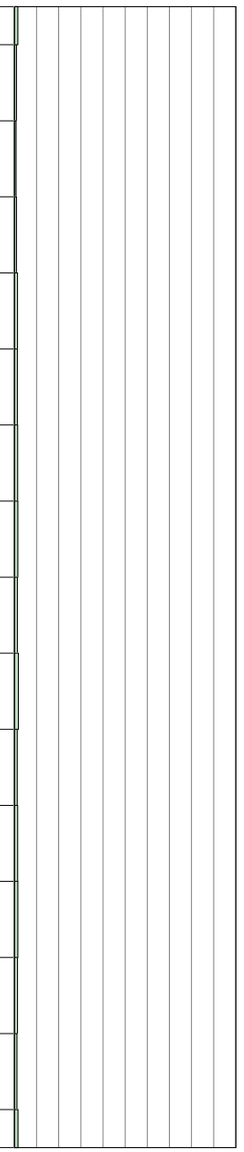
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	Lithology To m	Lithology Code	Rock description
216.20	277.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
1.1	0.1	1.0	
1.0		1.0	
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
239.00	241.00	2.00	H742688	0.0834	0.070	215	1515	0.006	0.250	155	3700	2.87
241.00	243.00	2.00	H742689	0.0504	0.042	91	1400	0.004	0.250	140	3470	
243.00	245.00	2.00	H742691	0.0433	0.031	76	1400	0.004	0.250	139	3540	
245.00	247.00	2.00	H742692	0.0530	0.041	110	1455	0.004	0.250	142	3700	
247.00	249.00	2.00	H742693	0.0736	0.064	151	1460	0.007	0.250	135	3820	
249.00	251.00	2.00	H742694	0.0770	0.057	174	1525	0.007	0.250	142	4320	2.93
251.00	253.00	2.00	H742695	0.0807	0.064	132	1410	0.006	0.250	139	3630	
253.00	255.00	2.00	H742696	0.0841	0.065	130	1450	0.006	0.250	148	3540	
255.00	257.00	2.00	H742697	0.0731	0.061	141	1380	0.006	0.250	142	3630	
257.00	259.00	2.00	H742698	0.0937	0.082	189	1425	0.008	0.250	147	3130	
259.00	261.00	2.00	H742699	0.0655	0.057	157	1470	0.006	0.250	150	3260	3.00
261.00	263.00	2.00	H742700	0.0788	0.065	175	1355	0.007	0.250	139	3140	
263.00	265.00	2.00	H742701	0.0831	0.067	183	1375	0.007	0.250	149	3160	
265.00	267.00	2.00	H742702	0.0759	0.065	183	1410	0.007	0.250	157	3260	
267.00	269.00	2.00	H742703	0.0618	0.053	128	1375	0.006	0.250	145	3130	
269.00	271.00	2.00	H742704	0.0869	0.074	191	1350	0.007	0.250	138	3090	3.04



Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
216.20	277.00		Peridotite
277.00	289.00	Upd	Peridotite
289.00	306.90	Mgm	Gabbro - Melanocratic

Magsus 0 100 200 | Sulphide % 0.1 | Cpy % | Po % 0.1 | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
269.00	271.00	2.00	H742704	0.0869	0.074	191	1350	0.007	0.250	138	3090	3.04
271.00	273.00	2.00	H742705	0.0914	0.073	200	1465	0.007	0.250	145	3350	
273.00	275.00	2.00	H742706	0.0862	0.068	182	1420	0.007	0.250	142	3280	
275.00	277.00	2.00	H742707	0.1310	0.106	305	1455	0.010	0.250	137	3280	
277.00	279.00	2.00	H742708	0.1080	0.086	259	1465	0.009	0.250	138	3400	
279.00	281.00	2.00	H742709	0.0637	0.051	202	1410	0.005	0.250	135	3410	2.87
281.00	283.00	2.00	H742711	0.0776	0.059	187	1420	0.006	0.250	129	3700	
283.00	285.00	2.00	H742712	0.0809	0.061	183	1275	0.006	0.250	122	3210	
285.00	287.00	2.00	H742713	0.1190	0.095	287	1345	0.009	0.250	132	3160	
287.00	289.00	2.00	H742714	0.0784	0.065	210	1305	0.007	0.250	132	3140	
289.00	291.00	2.00	H742715	0.0964	0.083	269	1315	0.008	0.250	130	3230	2.82
291.00	293.00	2.00	H742716	0.1290	0.111	343	1315	0.010	0.250	129	2960	
293.00	295.00	2.00	H742717	0.0697	0.054	193	1200	0.006	0.250	125	2770	
295.00	297.00	2.00	H742718	0.0723	0.059	198	1120	0.006	0.250	122	2510	
297.00	299.00	2.00	H742719	0.0691	0.058	227	1100	0.006	0.250	118	2370	
299.00	301.00	2.00	H742721	0.0673	0.056	215	1035	0.006	0.250	113	2350	2.99

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
289.00	306.90	Mgm	Gabbro - Melanocratic
306.90	343.50	SSS	Sandstone to Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1		0.1	
1.4	0.5	0.9	
1.9	0.9		1.0
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
299.00	301.00	2.00	H742721	0.0673	0.056	215	1035	0.006	0.250	113	2350	2.99
301.00	303.00	2.00	H742722	0.0778	0.064	243	1020	0.007	0.600	111	2280	
303.00	304.00	1.00	H742723	0.0727	0.053	197	860	0.006	0.250	97	2190	2.99
304.00	305.00	1.00	H742724	0.0596	0.047	193	837	0.006	0.250	99	2080	2.99
305.00	306.00	1.00	H742725	0.0351	0.027	151	712	0.005	0.250	90	1700	2.99
306.00	306.90	0.90	H742726	0.0721	0.058	341	679	0.008	0.250	76	1500	2.93
306.90	308.00	1.10	H742727	0.0372	0.043	184	101	0.006	0.250	43	83	2.71
308.00	310.00	2.00	H742728	0.0015	0.001	6	43	0.002	0.250	14	78	
310.00	312.00	2.00	H742729	0.0015	0.001	15	44	0.002	0.250	17	81	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-144

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 27/08/2009
End Date: 29/08/2009

Magma Metals (Canada) Ltd.

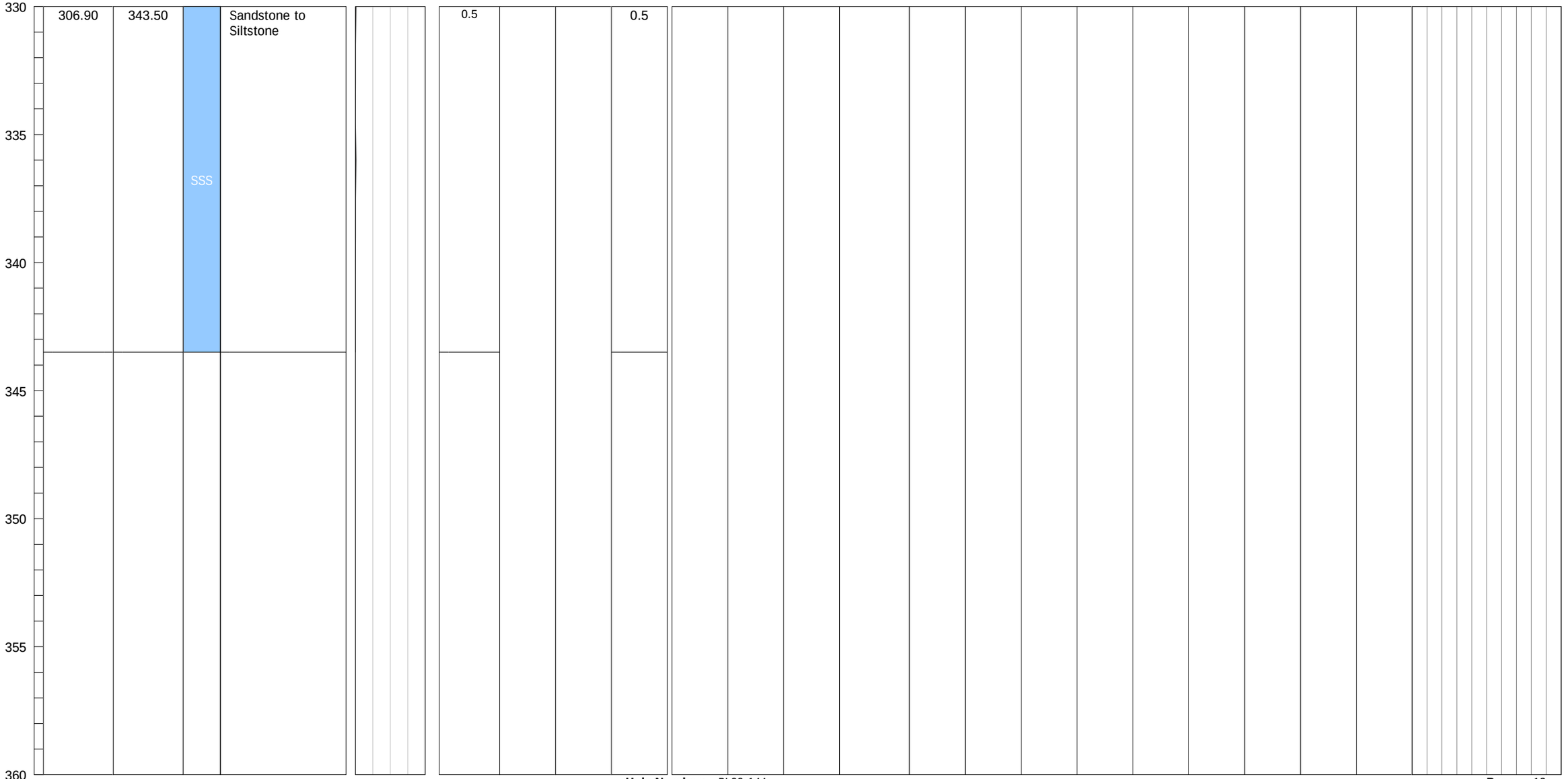
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402349.52
Easting: 358600.53
Elevation: 473.41

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 343.50

Lithology From m	To m	Code	Rock description
306.90	343.50	SSS	Sandstone to Siltstone



Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

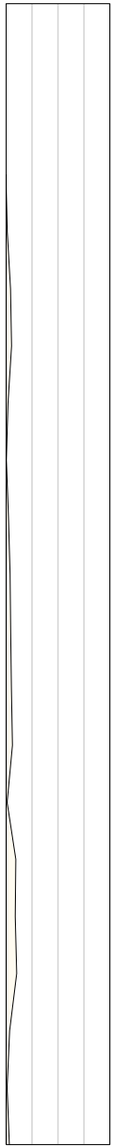
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

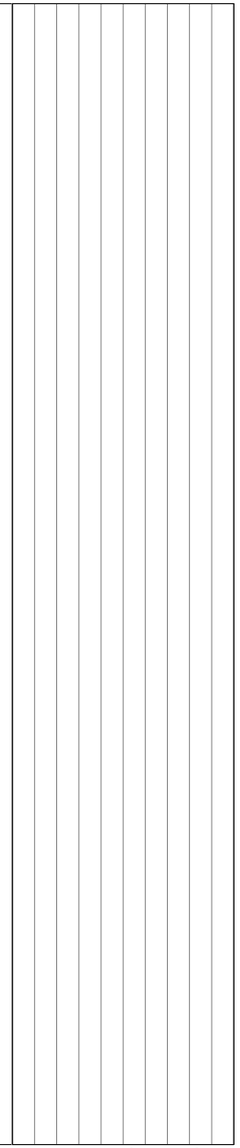
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

From m	To m	Code	Rock description
0.00	4.00	Ovg	Overburden - Glacial
4.00	5.50	Fgr	Granite
5.50	44.00	SSS	Sandstone to Siltstone



From m	Sulphide %	Cpy %	Po %	Py %
5.50	0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm



Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

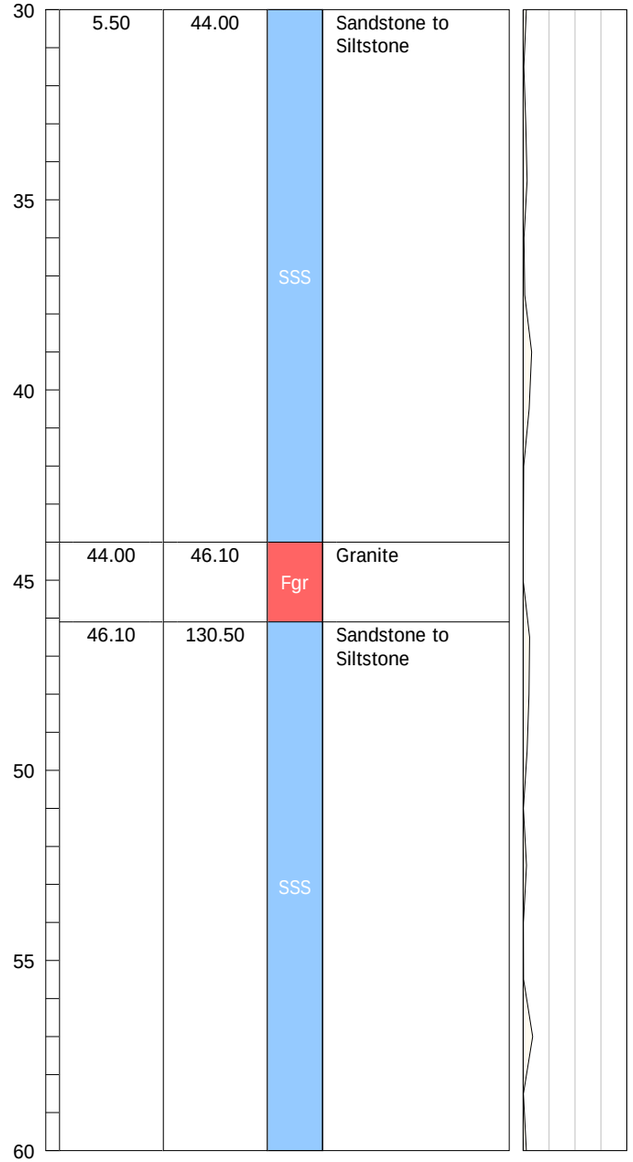
Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

From m	To m	Code	Rock description
5.50	44.00	SSS	Sandstone to Siltstone
44.00	46.10	Fgr	Granite
46.10	130.50	SSS	Sandstone to Siltstone

Lithology

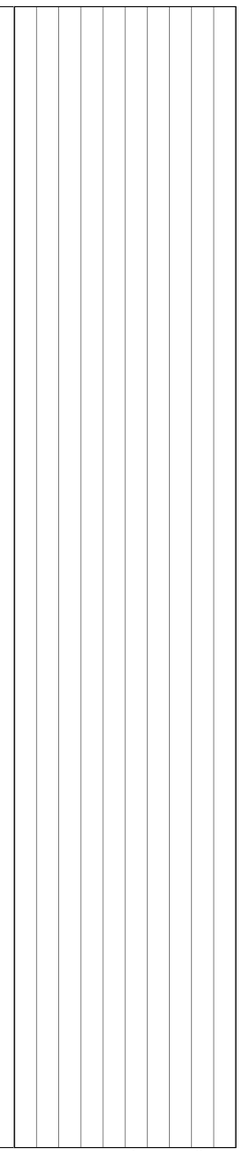


Magsus

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm)



Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

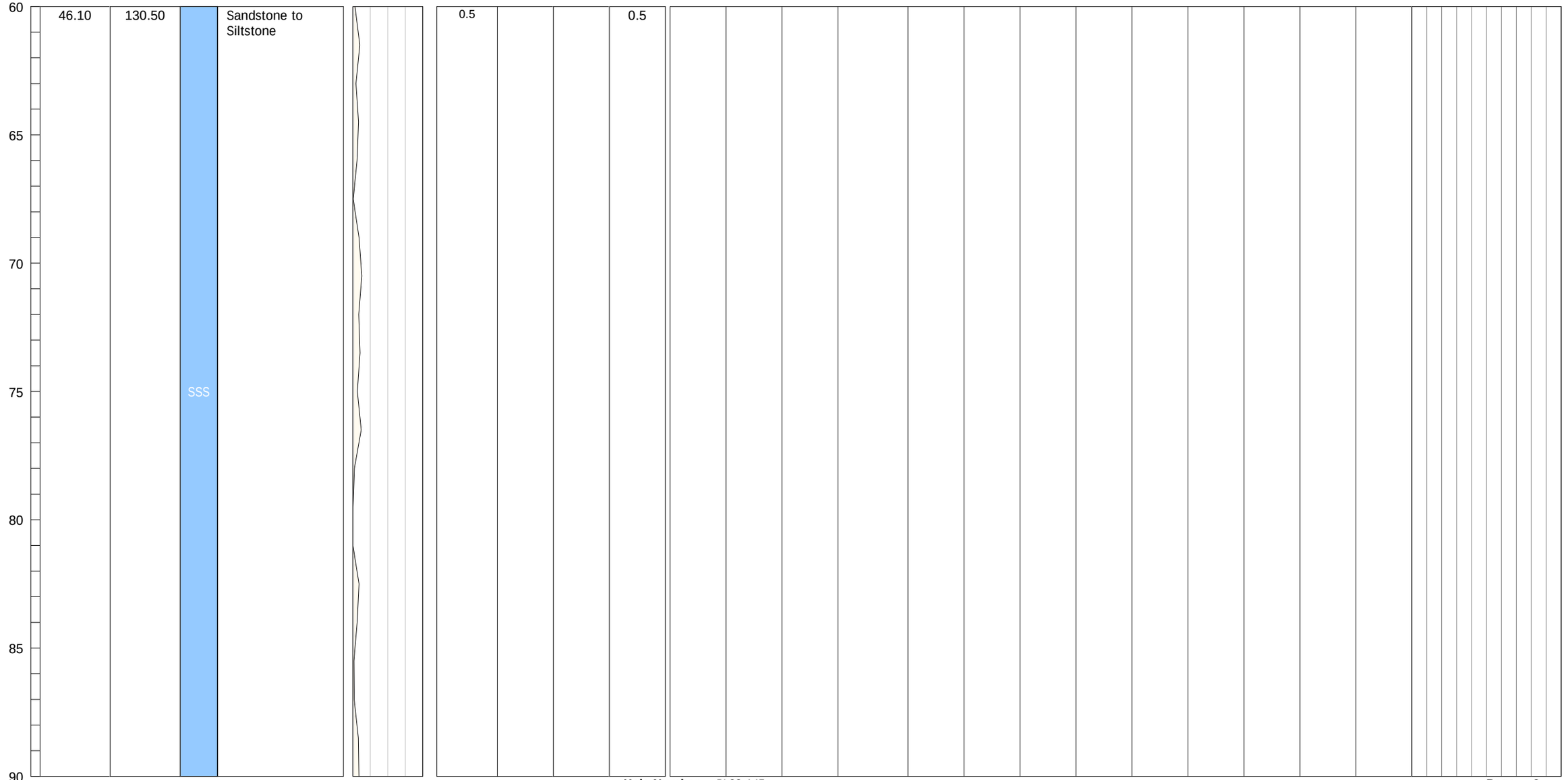
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
46.10	130.50	SSS	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

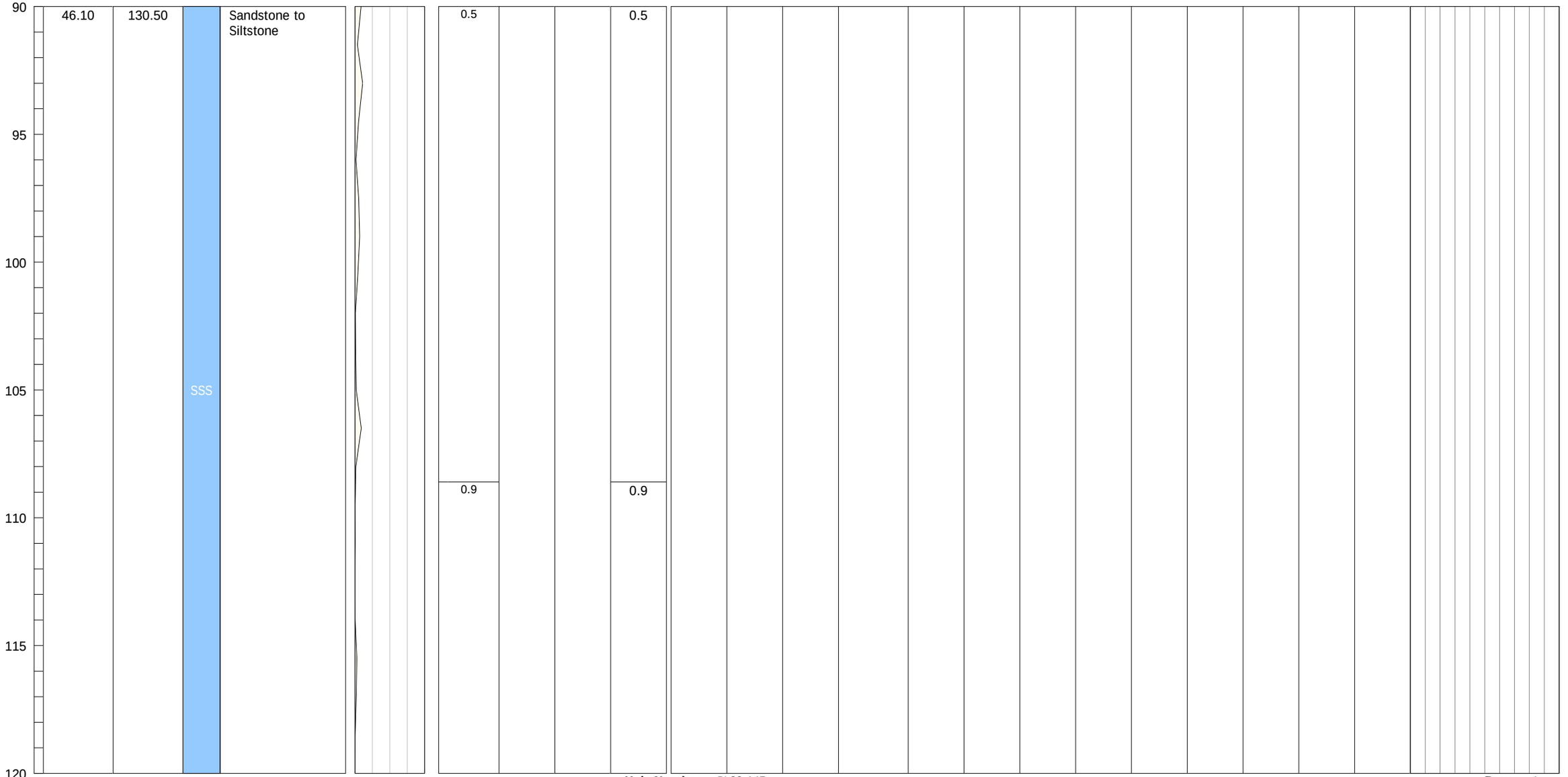
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
46.10	130.50	SSS	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
46.10	130.50	SSS	Sandstone to Siltstone		0.9			0.9
130.50	160.55	SSS	Siltstone		1.0			1.0

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

From m	To m	Code	Rock description
130.50	160.55	SSS	Siltstone
160.55	164.60	Hg	Hybrid Grey
164.60	170.00	Hc	Hybrid Classic Red
170.00	173.35	Hc	Hybrid Classic Red
173.35	174.50	Mgm	Gabbro - Melanocratic
174.50	206.00	Upd	Peridotite

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
130.50	1.0			1.0
160.55	2.0			2.0
164.60	5.0			5.0
170.00				
173.35	5.1	0.1		5.0
174.50	0.2	0.1	0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
156.60	158.60	2.00	H742731	0.0020	0.002	6	51	0.003	0.250	19	115	
158.60	160.60	2.00	H742732	0.0011	0.001	5	35	0.002	0.250	21	65	
160.60	162.60	2.00	H742733	0.0010	0.001	3	8	0.002	0.250	23	17	
162.60	164.60	2.00	H742734	0.0003	0.001	2	1	0.002	0.250	21	7	
164.60	166.60	2.00	H742735	0.0003	0.001	2	2	0.002	0.250	22	8	
166.60	168.60	2.00	H742736	0.0003	0.001	2	1	0.002	0.250	21	7	
168.60	170.60	2.00	H742737	0.0009	0.001	1	3	0.002	0.250	21	8	
170.60	171.90	1.30	H742738	0.0011	0.001	1	6	0.002	0.250	36	9	
171.90	173.35	1.45	H742739	0.0008	0.001	42	17	0.002	0.250	46	16	
173.35	174.50	1.15	H742740	0.1025	0.040	1050	541	0.022	0.250	103	432	
174.50	176.00	1.50	H742741	0.1200	0.114	398	674	0.011	0.250	93	1130	
176.00	178.00	2.00	H742742	0.0338	0.033	290	787	0.003	0.250	105	1440	
178.00	180.00	2.00	H742743	0.1295	0.124	406	890	0.010	0.250	112	1540	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
174.50	206.00	Upd	Peridotite
206.00	266.00		Peridotite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.2	0.1	0.1	
1.4	0.5	0.9	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H742744	0.1195	0.114	351	759	0.009	0.250	98	1430	
182.00	184.00	2.00	H742745	0.0945	0.088	316	1010	0.008	0.250	124	1830	
184.00	186.00	2.00	H742746	0.0693	0.064	207	900	0.006	0.250	116	1790	
186.00	188.00	2.00	H742747	0.0570	0.052	213	1060	0.006	0.250	128	2180	
188.00	190.00	2.00	H742748	0.0625	0.057	230	1010	0.006	0.250	123	2030	
190.00	192.00	2.00	H742749	0.1160	0.110	395	1190	0.010	0.250	133	2310	
192.00	194.00	2.00	H742751	0.1045	0.099	370	1230	0.009	0.250	137	2520	
194.00	196.00	2.00	H742752	0.1690	0.153	514	1270	0.014	0.250	138	2460	
196.00	198.00	2.00	H742753	0.1540	0.138	481	1320	0.012	0.250	144	2650	
198.00	200.00	2.00	H742754	0.0506	0.041	186	1170	0.006	0.250	135	2580	
200.00	202.00	2.00	H742755	0.0894	0.078	287	1200	0.008	0.250	136	2560	
202.00	204.00	2.00	H742756	0.0549	0.048	194	1150	0.005	0.250	131	2400	
204.00	206.00	2.00	H742757	0.0393	0.033	115	1200	0.004	0.250	139	2580	
206.00	208.00	2.00	H742758	0.0574	0.052	167	1210	0.005	0.250	139	2730	
208.00	210.00	2.00	H742759	0.0648	0.059	231	1270	0.007	0.250	140	2840	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

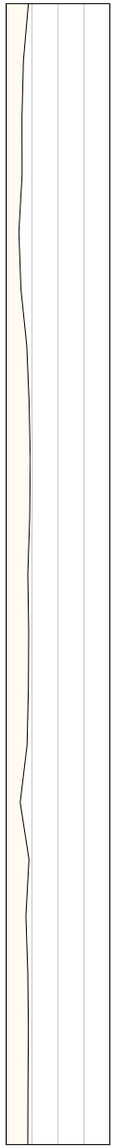
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

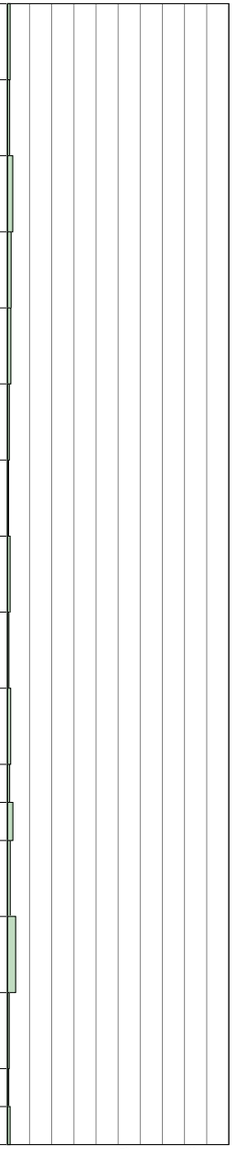
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
206.00	266.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
1.4	0.5	0.9	
0.6	0.1	0.5	
1.0		1.0	
0.1		0.1	
2.0		2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H742761	0.0635	0.053	151	1280	0.006	0.250	143	2890	
212.00	214.00	2.00	H742762	0.0553	0.047	131	1320	0.004	0.250	148	2840	
214.00	216.00	2.00	H742763	0.1245	0.115	318	1390	0.010	0.250	150	2820	
216.00	218.00	2.00	H742764	0.0905	0.076	221	1350	0.007	0.250	149	2960	
218.00	220.00	2.00	H742765	0.0806	0.072	216	1380	0.008	0.250	149	3020	
220.00	222.00	2.00	H742766	0.0467	0.037	104	1300	0.005	0.250	140	3360	
222.00	224.00	2.00	H742767	0.0276	0.023	59	1270	0.003	0.250	141	3120	
224.00	226.00	2.00	H742768	0.0631	0.058	126	1280	0.005	0.250	139	3070	
226.00	228.00	2.00	H742769	0.0356	0.029	76	1260	0.003	0.250	139	3090	
228.00	230.00	2.00	H742771	0.0733	0.071	181	1290	0.007	0.250	141	3110	
230.00	231.00	1.00	H742772	0.0541	0.047	136	1270	0.005	0.250	137	3070	
231.00	232.00	1.00	H742773	0.1240	0.121	318	1320	0.011	0.250	136	2970	
232.00	234.00	2.00	H742774	0.0662	0.057	144	1280	0.006	0.250	137	3080	
234.00	236.00	2.00	H742775	0.2010	0.171	469	1440	0.018	0.250	146	3290	
236.00	238.00	2.00	H742776	0.0388	0.038	85	1270	0.004	0.250	140	3050	
238.00	239.00	1.00	H742777	0.0326	0.025	74	1220	0.002	0.250	138	3030	
239.00	240.00	1.00	H742778	0.0656	0.052	132	1260	0.005	0.250	142	2990	



Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
206.00	266.00	Upd	Peridotite
266.00	300.00		Peridotite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Magsus	Sulphide %	Cpy %	Po %	Py %
240.00	241.00	1.00	H742779	0.0293	0.023	79	1250	0.003	0.250	141	2950			2.0		2.0	
241.00	242.00	1.00	H742780	0.0313	0.024	78	1260	0.003	0.250	143	2880						
242.00	244.00	2.00	H742781	0.0478	0.040	106	1250	0.004	0.250	143	2850			0.1		0.1	
244.00	245.00	1.00	H742782	0.0458	0.041	156	1240	0.004	0.250	141	3000						
245.00	246.00	1.00	H742783	0.3100	0.304	959	1540	0.028	0.250	145	2950			2.0		2.0	
246.00	248.00	2.00	H742784	0.1335	0.117	331	1400	0.011	0.250	147	3120			0.1		0.1	
248.00	250.00	2.00	H742785	0.0376	0.034	85	1330	0.004	0.250	147	3160						
250.00	251.00	1.00	H742786	0.0222	0.017	68	1340	0.002	0.250	148	3180						
251.00	252.00	1.00	H742787	0.0407	0.034	89	1290	0.003	0.250	141	3080			2.0		2.0	
252.00	253.00	1.00	H742788	0.0422	0.036	122	1340	0.003	0.250	146	3150						
253.00	254.00	1.00	H742789	0.0653	0.059	200	1300	0.007	0.250	137	3100						
254.00	255.00	1.00	H742791	0.0717	0.063	206	1250	0.007	0.250	133	3040						
255.00	256.00	1.00	H742792	0.0349	0.030	108	1290	0.003	0.250	138	3150						
256.00	257.00	1.00	H742793	0.0451	0.037	148	1330	0.005	0.250	143	3400						
257.00	258.00	1.00	H742794	0.0927	0.080	231	1300	0.008	0.250	134	3130						
258.00	259.00	1.00	H742795	0.0469	0.040	115	1300	0.004	0.250	138	3210						
259.00	260.00	1.00	H742796	0.0523	0.044	141	1350	0.005	0.250	142	3350			0.1		0.1	
260.00	262.00	2.00	H742797	0.0873	0.079	214	1370	0.008	0.250	140	3220						
262.00	264.00	2.00	H742798	0.0602	0.053	127	1390	0.005	0.250	142	3400						
264.00	266.00	2.00	H742799	0.0929	0.082	181	1370	0.008	0.250	137	3300						
266.00	268.00	2.00	H742801	0.0514	0.041	88	1370	0.004	0.250	135	3270						
268.00	270.00	2.00	H742802	0.0546	0.042	114	1370	0.005	0.250	131	3440						

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

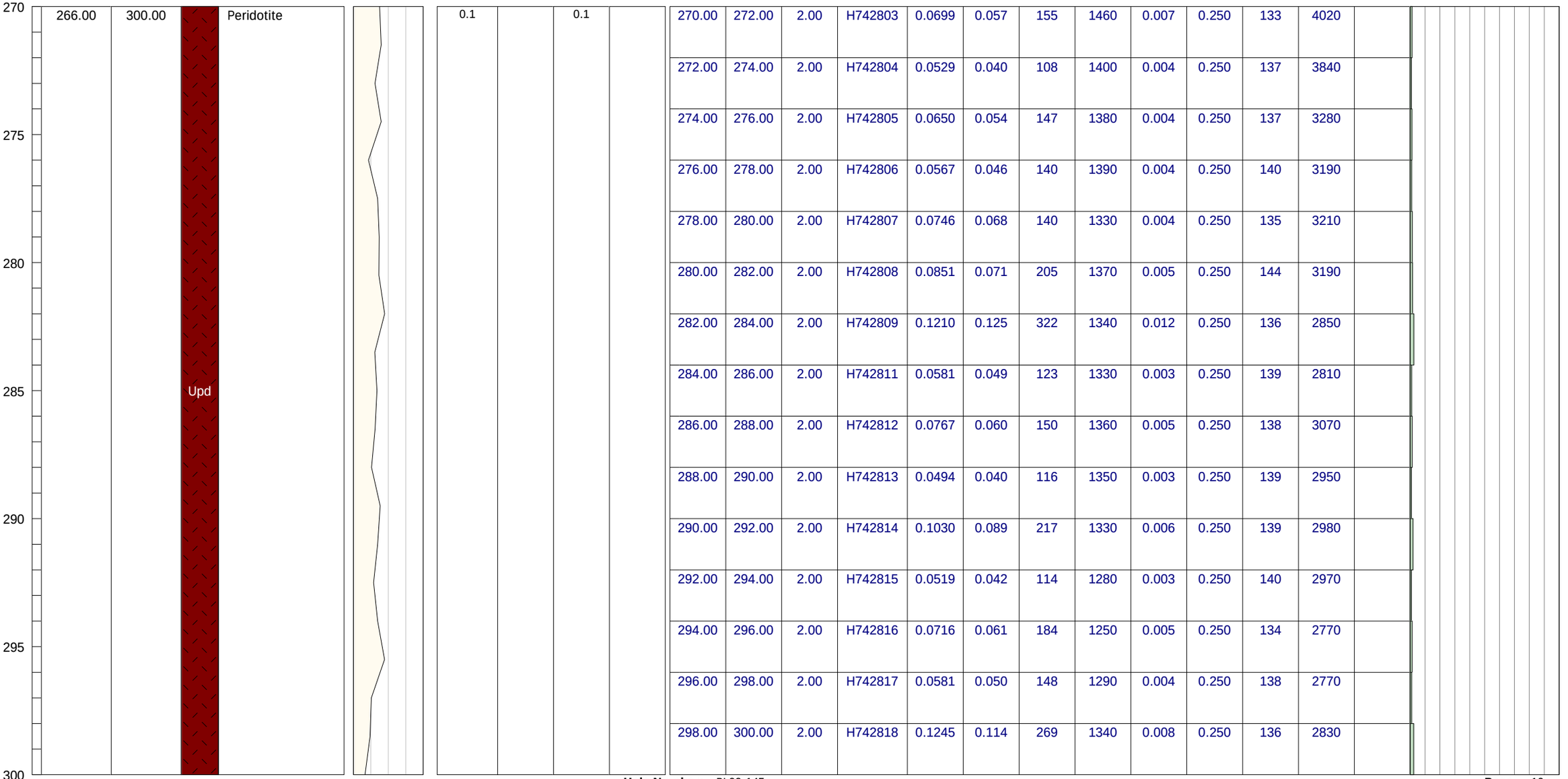
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
266.00	300.00	Upd	Peridotite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H742803	0.0699	0.057	155	1460	0.007	0.250	133	4020	
272.00	274.00	2.00	H742804	0.0529	0.040	108	1400	0.004	0.250	137	3840	
274.00	276.00	2.00	H742805	0.0650	0.054	147	1380	0.004	0.250	137	3280	
276.00	278.00	2.00	H742806	0.0567	0.046	140	1390	0.004	0.250	140	3190	
278.00	280.00	2.00	H742807	0.0746	0.068	140	1330	0.004	0.250	135	3210	
280.00	282.00	2.00	H742808	0.0851	0.071	205	1370	0.005	0.250	144	3190	
282.00	284.00	2.00	H742809	0.1210	0.125	322	1340	0.012	0.250	136	2850	
284.00	286.00	2.00	H742811	0.0581	0.049	123	1330	0.003	0.250	139	2810	
286.00	288.00	2.00	H742812	0.0767	0.060	150	1360	0.005	0.250	138	3070	
288.00	290.00	2.00	H742813	0.0494	0.040	116	1350	0.003	0.250	139	2950	
290.00	292.00	2.00	H742814	0.1030	0.089	217	1330	0.006	0.250	139	2980	
292.00	294.00	2.00	H742815	0.0519	0.042	114	1280	0.003	0.250	140	2970	
294.00	296.00	2.00	H742816	0.0716	0.061	184	1250	0.005	0.250	134	2770	
296.00	298.00	2.00	H742817	0.0581	0.050	148	1290	0.004	0.250	138	2770	
298.00	300.00	2.00	H742818	0.1245	0.114	269	1340	0.008	0.250	136	2830	

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

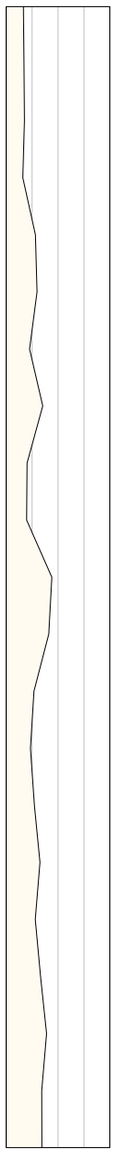
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

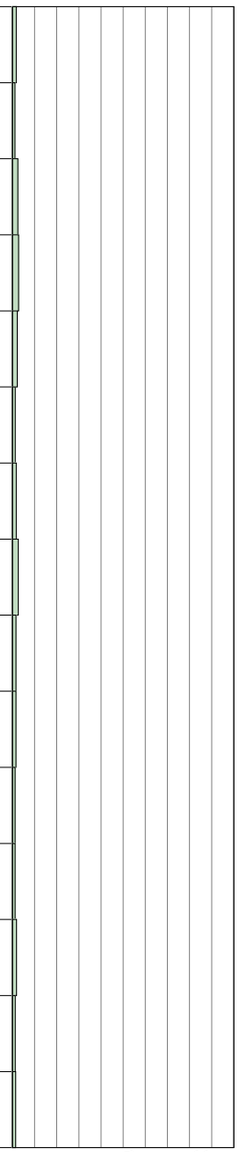
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
300.00	352.05	Mgm	Gabbro - Melanocratic



Sulphide %	Cpy %	Po %	Py %
0.9		0.9	
0.5		0.5	
0.1		0.1	
0.9		0.9	
1.0		1.0	
0.5		0.5	
1.0		1.0	
0.9		0.9	
0.5		0.5	
2.0		2.0	
1.0		1.0	
0.9		0.9	
0.5		0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H742819	0.0927	0.078	200	1380	0.005	0.250	138	3030	
302.00	304.00	2.00	H742820	0.0622	0.049	136	1380	0.003	0.250	140	3160	
304.00	306.00	2.00	H742821	0.1315	0.112	347	1480	0.009	0.250	141	3030	
306.00	308.00	2.00	H742822	0.1505	0.129	405	1510	0.010	0.250	140	3200	
308.00	310.00	2.00	H742823	0.1195	0.097	288	1440	0.008	0.250	137	3230	
310.00	312.00	2.00	H742824	0.0699	0.057	139	1410	0.004	0.250	135	3390	
312.00	314.00	2.00	H742825	0.0961	0.077	194	1460	0.005	0.250	139	3610	
314.00	316.00	2.00	H742826	0.1430	0.119	354	1570	0.009	0.250	140	4100	
316.00	318.00	2.00	H742827	0.0896	0.070	213	1430	0.005	0.250	137	3610	
318.00	320.00	2.00	H742828	0.0868	0.070	225	1440	0.006	0.250	141	3540	
320.00	322.00	2.00	H742829	0.0643	0.052	172	1380	0.004	0.250	139	3550	
322.00	324.00	2.00	H742831	0.0632	0.054	170	1330	0.004	0.250	134	3350	
324.00	326.00	2.00	H742832	0.0989	0.088	295	1340	0.006	0.250	136	3040	
326.00	328.00	2.00	H742833	0.0677	0.056	197	1230	0.004	0.250	127	2800	
328.00	330.00	2.00	H742834	0.0790	0.066	218	1280	0.005	0.250	133	2850	



Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
300.00	352.05	Mgm	Gabbro - Melanocratic
352.05	402.00	SSS	Sandstone to Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5		0.5	
0.1		0.1	
0.6	0.1	0.5	
1.1	0.1	0.5	0.5
4.4	0.9	0.5	3.0
0.5			0.5
2.0	1.0	0.5	1.0
1.5	0.5		0.5
1.0			1.0
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
330.00	332.00	2.00	H742835	0.0428	0.032	144	1270	0.002	0.250	135	3050	
332.00	334.00	2.00	H742836	0.0649	0.053	197	1260	0.004	0.250	131	2960	
334.00	336.00	2.00	H742837	0.0694	0.069	237	1240	0.008	0.250	129	2940	
336.00	338.00	2.00	H742838	0.0796	0.067	263	1220	0.005	0.250	126	2790	
338.00	340.00	2.00	H742839	0.0681	0.056	198	1120	0.004	0.250	122	2800	
340.00	342.00	2.00	H742841	0.0745	0.066	214	1170	0.005	0.250	124	2900	
342.00	344.00	2.00	H742842	0.0712	0.059	215	1130	0.004	0.250	120	3020	
344.00	346.00	2.00	H742843	0.0602	0.047	187	1140	0.003	0.250	118	2900	
346.00	347.50	1.50	H742844	0.0443	0.041	168	1060	0.006	0.250	114	2430	
347.50	348.50	1.00	H742845	0.0460	0.041	161	911	0.005	0.250	102	2140	
348.50	349.30	0.80	H742846	0.6830	0.748	2540	1860	0.059	1.600	136	2080	
349.30	350.30	1.00	H742847	0.0711	0.073	311	816	0.008	0.250	98	1860	
350.30	351.00	0.70	H742848	0.7400	0.791	3000	830	0.070	1.900	88	1375	
351.00	352.05	1.05	H742849	0.1280	0.109	434	648	0.008	0.250	81	1385	
352.05	354.00	1.95	H742851	0.0057	0.005	106	73	0.003	0.250	21	122	
354.00	356.00	2.00	H742852	0.0020	0.002	33	72	0.002	0.250	21	109	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

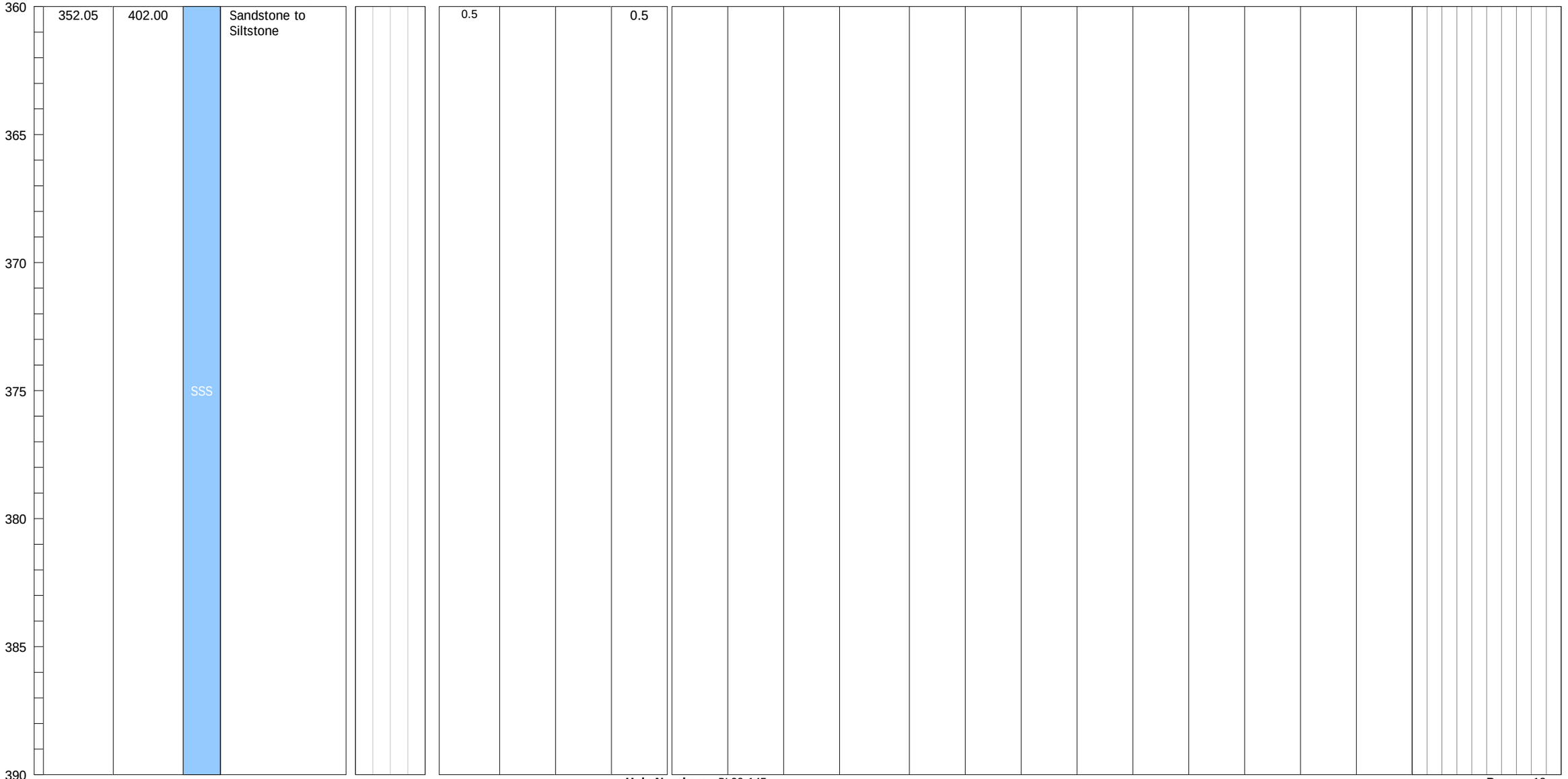
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
352.05	402.00	SSS	Sandstone to Siltstone



Hole Number: BL09-145

Project: TBN
Claim #: 4210157
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 29/08/2009
End Date: 31/08/2009

Magma Metals (Canada) Ltd.

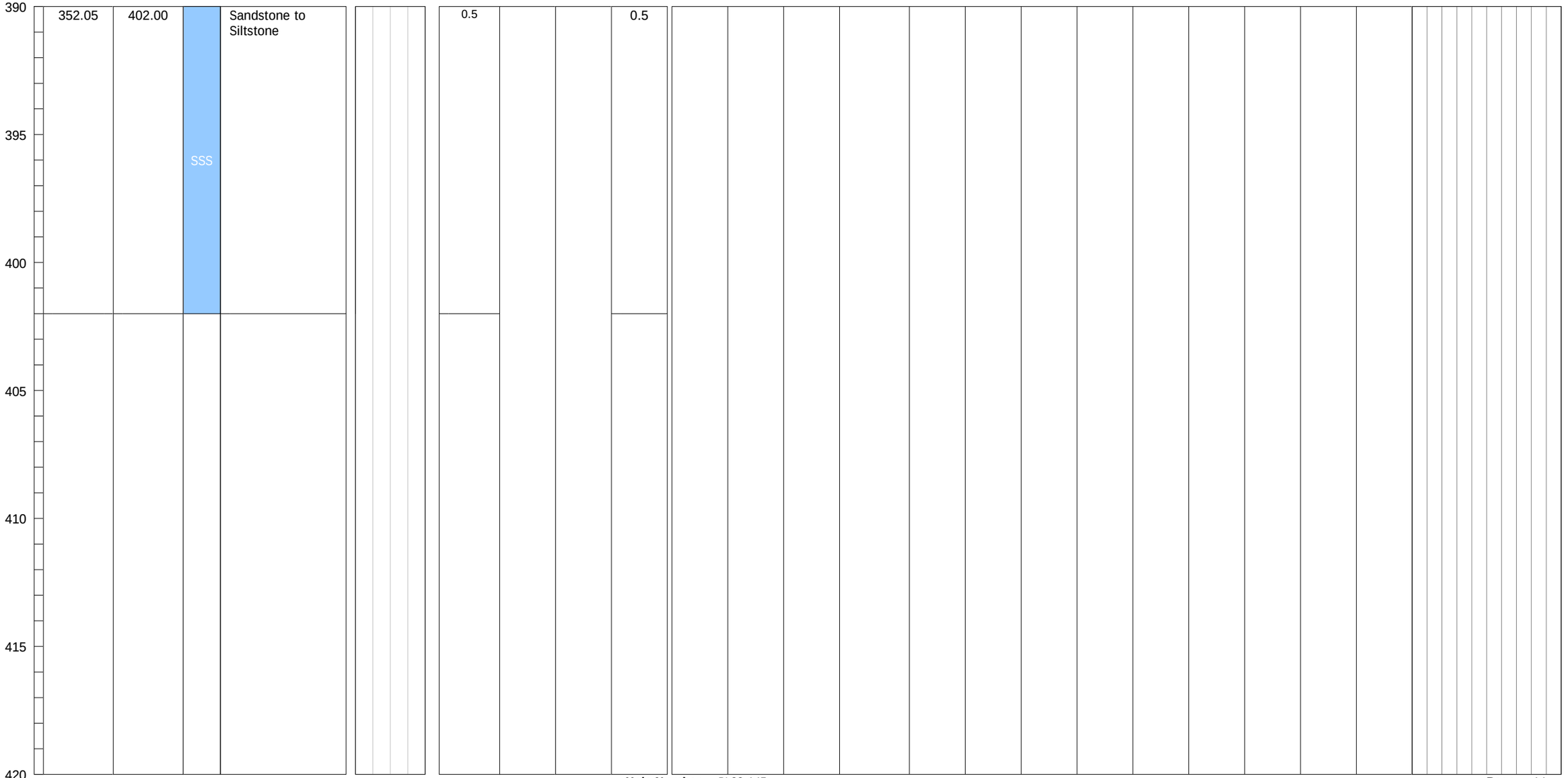
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402354.61
Easting: 358701.95
Elevation: 472.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 402.00

Lithology From m	To m	Code	Rock description
352.05	402.00	SSS	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
0.00	3.00	Ovg	Overburden - Glacial
3.00	12.00	Spt	Siltstone
12.00	13.00	Fg	Granite - Undifferentiated
13.00	39.70	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
30.6			30.6
0.6			0.6
1.5			1.5
0.6			0.6
1.5			1.5
0.6			0.6

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
13.00	39.70	Spt	Siltstone		0.6			0.6														
39.70	41.00	Fg	Granite - Undifferentiated																			
41.00	111.00	Spt	Siltstone																			

30 35 40 45 50 55 60

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
41.00	111.00	Spt	Siltstone		0.6			0.6														

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
41.00	111.00	Spt	Siltstone
111.00	111.90	Fg	Granite - Undifferentiated
111.90	154.20	SSS	Sandstone to Siltstone

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm)
												0 2 4 6 8 10

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

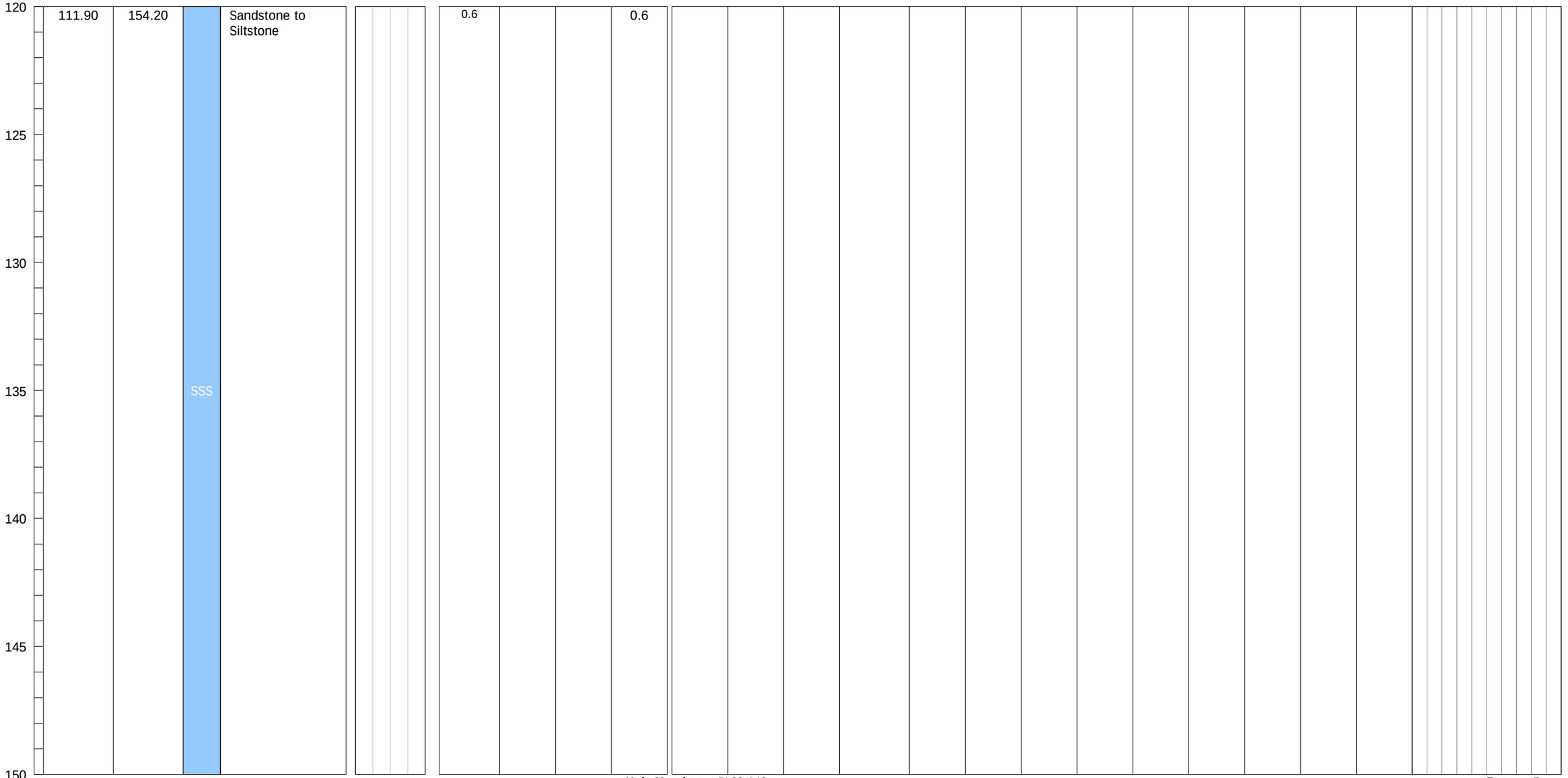
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
111.90	154.20	SSS	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

From m	To m	Code	Rock description
111.90	154.20	SSS	Sandstone to Siltstone
154.20	156.10	Hr	Hybrid Classic Red
156.10	157.50	Spt	Siltstone
157.50	169.90	Hr	Hybrid Classic Red
169.90	290.00	Upd	Peridotite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.6			0.6
2.0			2.0
0.5			0.5
0.9			0.9
1.4	0.5		0.9
1.0	0.5		0.5
1.0	0.5	0.5	
1.5	0.5	0.5	0.5
1.0	0.5	0.5	
2.0			2.0
0.5			0.5
0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.20	152.20	2.00	H742853	0.0011	0.001	7	49	0.001	0.250	16	105	2.65
152.20	154.20	2.00	H742854	0.0010	0.001	3	42	0.001	0.250	15	89	
154.20	156.10	1.90	H742855	0.0005	0.001	4	8	0.001	0.250	20	14	
156.10	157.50	1.40	H742856	0.0013	0.001	1	54	0.001	0.250	16	94	
157.50	159.00	1.50	H742857	0.0009	0.001	1	8	0.001	0.250	23	27	
159.00	160.00	1.00	H742858	0.0003	0.001	1	1	0.002	0.250	24	9	
160.00	162.00	2.00	H742859	0.0003	0.001	1	1	0.001	0.250	21	5	2.70
162.00	164.00	2.00	H742860	0.0003	0.001	1	5	0.001	0.250	21	18	
164.00	166.00	2.00	H742861	0.0006	0.001	1	7	0.002	0.250	29	11	
166.00	168.00	2.00	H742862	0.0015	0.002	1	8	0.002	0.250	29	13	
168.00	169.90	1.90	H742863	0.0005	0.001	117	15	0.002	0.250	45	18	
169.90	171.00	1.10	H742864	0.3810	0.301	2180	987	0.064	2.800	131	687	2.88
171.00	173.00	2.00	H742865	0.2120	0.203	774	785	0.018	0.250	103	1330	
173.00	175.00	2.00	H742866	0.0685	0.060	296	711	0.007	0.250	101	1450	
175.00	177.00	2.00	H742867	0.0828	0.073	306	865	0.008	0.250	114	1830	
177.00	179.00	2.00	H742868	0.0872	0.080	277	765	0.008	0.250	102	1490	
179.00	181.00	2.00	H742869	0.0760	0.067	292	980	0.007	0.250	123	2070	2.95

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
169.90	290.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.2	0.1	0.1	
1.1	0.1	1.0	
0.6	0.1	0.5	
0.1		0.1	
0.5		0.5	
0.1		0.1	
0.5		0.5	
0.1		0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H742869	0.0760	0.067	292	980	0.007	0.250	123	2070	2.95
181.00	183.00	2.00	H742871	0.1070	0.097	370	1010	0.010	0.250	122	2180	
183.00	185.00	2.00	H742872	0.0716	0.061	251	992	0.007	0.250	124	2240	
185.00	187.00	2.00	H742873	0.0901	0.080	317	1125	0.009	0.250	132	2370	
187.00	189.00	2.00	H742874	0.0419	0.036	161	967	0.005	0.250	119	2250	
189.00	191.00	2.00	H742875	0.1070	0.098	285	1075	0.010	0.250	127	2360	2.98
191.00	193.00	2.00	H742876	0.0923	0.081	257	1175	0.007	0.250	138	2580	
193.00	195.00	2.00	H742877	0.0761	0.067	223	1115	0.007	0.250	135	2510	
195.00	197.00	2.00	H742878	0.0725	0.067	221	1170	0.007	0.250	137	2640	
197.00	199.00	2.00	H742879	0.0587	0.049	165	1180	0.006	0.250	142	2870	
199.00	201.00	2.00	H742881	0.0638	0.056	186	1210	0.006	0.250	143	2830	2.98
201.00	203.00	2.00	H742882	0.0367	0.031	100	1170	0.003	0.250	139	2880	
203.00	205.00	2.00	H742883	0.0532	0.044	125	1195	0.005	0.250	142	2870	
205.00	207.00	2.00	H742884	0.0562	0.048	120	1180	0.005	0.250	139	2720	
207.00	209.00	2.00	H742885	0.0787	0.066	190	1225	0.007	0.250	141	2810	
209.00	211.00	2.00	H742886	0.0653	0.056	177	1220	0.006	0.250	142	2920	3.00

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

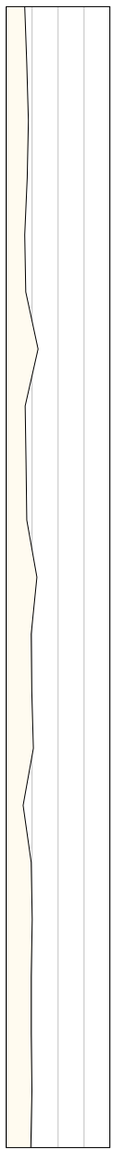
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

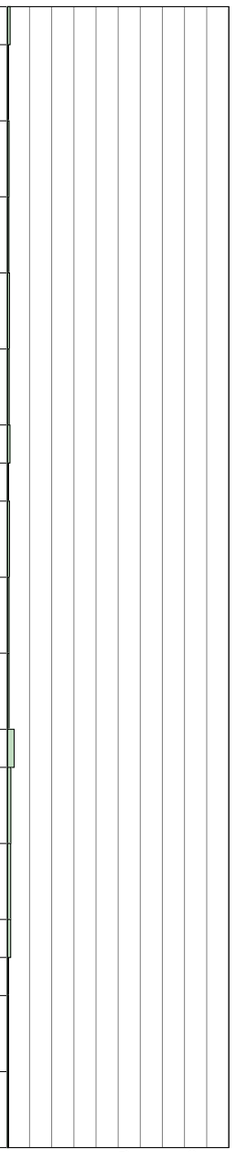
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
169.90	290.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
2.0		2.0	
0.5		0.5	
0.9		0.9	
0.5		0.5	
0.6	0.1	0.5	
1.1	0.1	1.0	
0.6	0.1	0.5	
2.1	0.1	2.0	
0.6	0.1	0.5	
1.1	0.1	1.0	
0.6	0.1	0.5	
1.0	0.1	0.9	
5.1	0.1	5.0	
1.0	0.1	0.9	
1.1	0.1	1.0	
3.1	0.1	3.0	
1.0	0.1	0.9	
0.6	0.1	0.5	
1.1	0.1	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H742886	0.0653	0.056	177	1220	0.006	0.250	142	2920	3.00
211.00	213.00	2.00	H742887	0.0276	0.023	80	1265	0.002	0.250	146	3050	
213.00	215.00	2.00	H742888	0.0380	0.034	92	1225	0.004	0.250	139	3040	
215.00	217.00	2.00	H742889	0.0369	0.030	80	1200	0.004	0.250	141	3040	
217.00	219.00	2.00	H742891	0.0496	0.041	85	1230	0.005	0.250	142	3000	
219.00	221.00	2.00	H742892	0.0465	0.036	93	1275	0.004	0.250	145	3080	2.99
221.00	222.00	1.00	H742893	0.0587	0.055	97	1265	0.005	0.250	145	2920	
222.00	223.00	1.00	H742894	0.0306	0.023	60	1215	0.003	0.250	140	2950	
223.00	225.00	2.00	H742895	0.0529	0.043	110	1310	0.006	0.250	147	2960	
225.00	227.00	2.00	H742896	0.0430	0.033	78	1265	0.004	0.250	142	2990	
227.00	229.00	2.00	H742897	0.0435	0.032	91	1260	0.004	0.250	144	3120	
229.00	230.00	1.00	H742898	0.1650	0.138	367	1300	0.015	0.250	140	2960	2.89
230.00	232.00	2.00	H742899	0.0830	0.070	196	1285	0.007	0.250	145	3170	2.96
232.00	234.00	2.00	H742900	0.0780	0.070	200	1280	0.007	0.250	150	3030	
234.00	235.00	1.00	H742901	0.0755	0.071	173	1320	0.008	0.250	150	3000	
235.00	236.00	1.00	H742902	0.0328	0.023	54	1270	0.003	0.250	147	3070	
236.00	238.00	2.00	H742903	0.0291	0.023	60	1300	0.003	0.250	150	3060	
238.00	240.00	2.00	H742904	0.0273	0.023	58	1230	0.003	0.250	141	2970	



Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

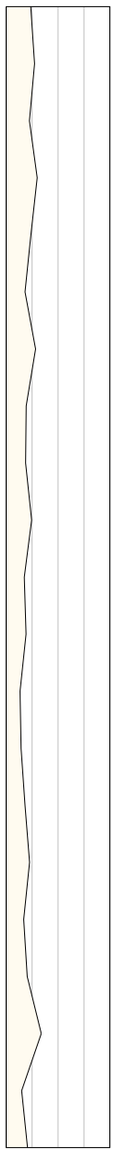
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

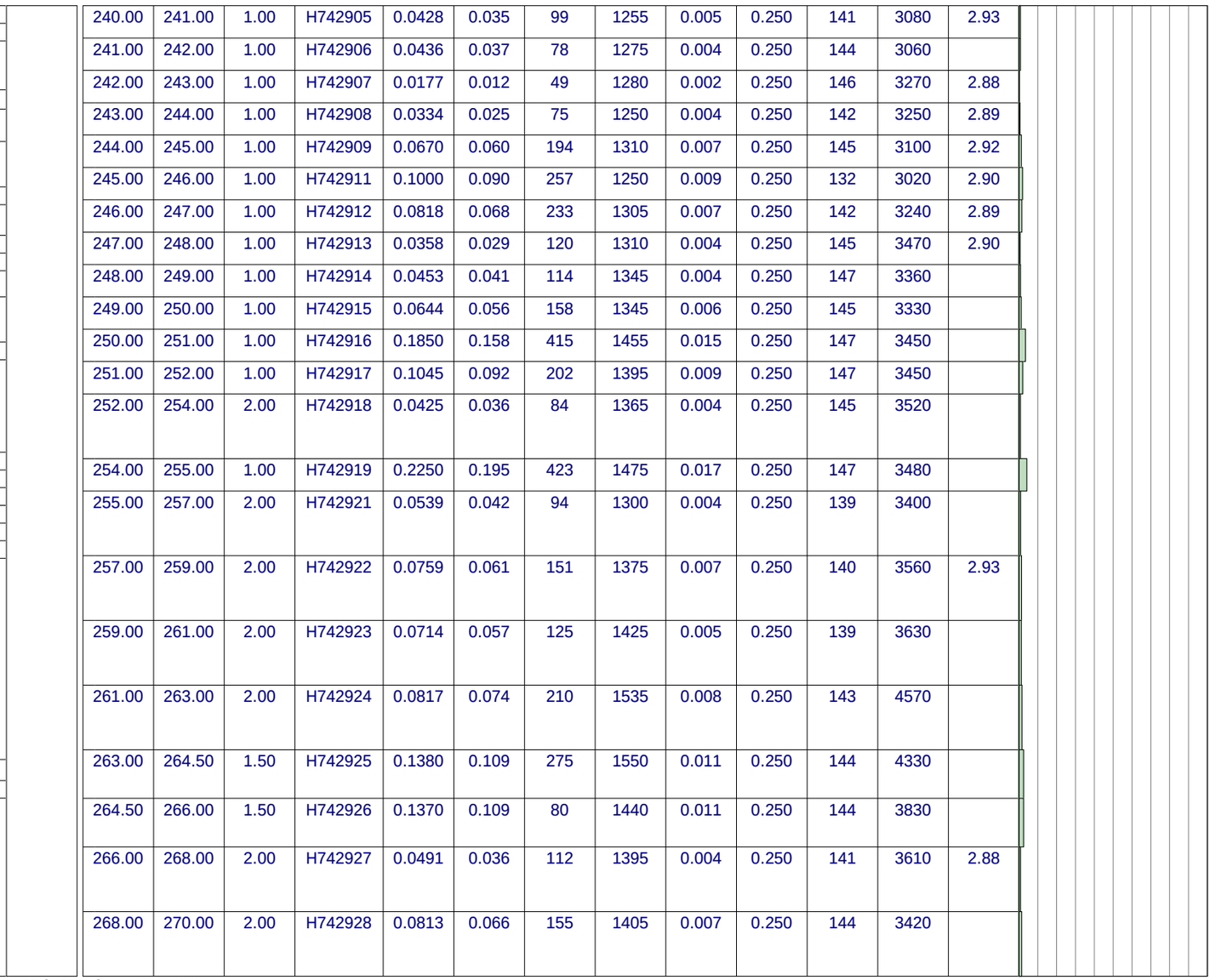
Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
169.90	290.00	Upd	Peridotite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Sulphide %	Cpy %	Po %	Py %
240.00	241.00	1.00	H742905	0.0428	0.035	99	1255	0.005	0.250	141	3080	2.93	1.1	0.1	1.0	
241.00	242.00	1.00	H742906	0.0436	0.037	78	1275	0.004	0.250	144	3060		5.1	0.1	5.0	
242.00	243.00	1.00	H742907	0.0177	0.012	49	1280	0.002	0.250	146	3270	2.88	1.1	0.1	1.0	
243.00	244.00	1.00	H742908	0.0334	0.025	75	1250	0.004	0.250	142	3250	2.89	7.1	0.1	7.0	
244.00	245.00	1.00	H742909	0.0670	0.060	194	1310	0.007	0.250	145	3100	2.92	5.1	0.1	5.0	
245.00	246.00	1.00	H742911	0.1000	0.090	257	1250	0.009	0.250	132	3020	2.90	1.1	0.1	1.0	
246.00	247.00	1.00	H742912	0.0818	0.068	233	1305	0.007	0.250	142	3240	2.89	5.1	0.1	5.0	
247.00	248.00	1.00	H742913	0.0358	0.029	120	1310	0.004	0.250	145	3470	2.90	1.0	0.1	0.9	
248.00	249.00	1.00	H742914	0.0453	0.041	114	1345	0.004	0.250	147	3360		1.1	0.1	1.0	
249.00	250.00	1.00	H742915	0.0644	0.056	158	1345	0.006	0.250	145	3330		7.1	0.1	7.0	
250.00	251.00	1.00	H742916	0.1850	0.158	415	1455	0.015	0.250	147	3450		2.1	0.1	2.0	
251.00	252.00	1.00	H742917	0.1045	0.092	202	1395	0.009	0.250	147	3450		1.0	0.1	0.9	
252.00	254.00	2.00	H742918	0.0425	0.036	84	1365	0.004	0.250	145	3520		3.1	0.1	3.0	
254.00	255.00	1.00	H742919	0.2250	0.195	423	1475	0.017	0.250	147	3480		1.1	0.1	1.0	
255.00	257.00	2.00	H742921	0.0539	0.042	94	1300	0.004	0.250	139	3400		2.1	0.1	2.0	
257.00	259.00	2.00	H742922	0.0759	0.061	151	1375	0.007	0.250	140	3560	2.93	3.1	0.1	3.0	
259.00	261.00	2.00	H742923	0.0714	0.057	125	1425	0.005	0.250	139	3630		2.1	0.1	2.0	
261.00	263.00	2.00	H742924	0.0817	0.074	210	1535	0.008	0.250	143	4570		1.1	0.1	1.0	
263.00	264.50	1.50	H742925	0.1380	0.109	275	1550	0.011	0.250	144	4330		0.6	0.1	0.5	
264.50	266.00	1.50	H742926	0.1370	0.109	80	1440	0.011	0.250	144	3830		2.1	0.1	2.0	
266.00	268.00	2.00	H742927	0.0491	0.036	112	1395	0.004	0.250	141	3610	2.88	0.6	0.1	0.5	
268.00	270.00	2.00	H742928	0.0813	0.066	155	1405	0.007	0.250	144	3420		1.1	0.1	1.0	
													3.1	0.1	3.0	
													0.6	0.1	0.5	



Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
169.90	290.00	Upd	Peridotite
290.00	295.00		Peridotite
295.00	337.65	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
1.0	0.1	0.9	
0.6	0.1	0.5	
1.0	0.1	0.9	
2.1	0.1	2.0	
0.6	0.1	0.5	
2.1	0.1	2.0	
0.6	0.1	0.5	
1.0	0.5	0.5	
1.4	0.5	0.9	
5.5	0.5	5.0	
3.5	0.5	3.0	
1.0	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H742929	0.0690	0.057	154	1380	0.006	0.250	144	3470	
272.00	274.00	2.00	H742931	0.0482	0.040	111	1335	0.004	0.250	145	3540	
274.00	276.00	2.00	H742932	0.0749	0.065	173	1350	0.007	0.250	145	3230	
276.00	278.00	2.00	H742933	0.0523	0.042	102	1350	0.005	0.250	143	3170	2.96
278.00	280.00	2.00	H742934	0.0640	0.051	111	1360	0.006	0.250	142	3280	
280.00	282.00	2.00	H742935	0.0625	0.051	110	1370	0.005	0.250	148	3500	
282.00	284.00	2.00	H742936	0.0577	0.047	128	1235	0.006	0.250	139	3130	
284.00	285.00	1.00	H742937	0.0725	0.061	182	1315	0.007	0.250	146	3140	
285.00	286.00	1.00	H742938	0.0308	0.024	58	1220	0.003	0.250	140	3030	
286.00	287.00	1.00	H742939	0.0459	0.033	77	1230	0.004	0.250	140	2790	2.88
287.00	289.00	2.00	H742940	0.0844	0.075	223	1345	0.008	0.250	148	2870	
289.00	291.00	2.00	H742941	0.1940	0.181	471	1435	0.015	0.250	145	2850	
291.00	293.00	2.00	H742942	0.1915	0.173	456	1490	0.016	0.700	149	3020	
293.00	295.00	2.00	H742943	0.0600	0.049	151	1375	0.005	0.250	145	3100	
295.00	296.00	1.00	H742944	0.0826	0.068	199	1350	0.007	0.250	140	3220	
296.00	297.00	1.00	H742945	0.1295	0.113	239	1330	0.010	0.250	136	3190	2.79
297.00	298.00	1.00	H742946	0.1330	0.119	341	1445	0.011	0.500	144	3230	2.95
298.00	299.00	1.00	H742947	0.3730	0.349	882	1645	0.027	0.600	142	3080	2.95
299.00	301.00	2.00	H742948	0.2960	0.274	754	1565	0.021	0.500	145	3090	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
295.00	337.65	Mgm	Gabbro - Melanocratic

Magsus	Sulphide %	Cpy %	Po %	Py %
0 100 200	1.0	0.5	0.5	
	1.5	0.5	1.0	
	2.5	0.5	2.0	
	3.5	0.5	3.0	
	1.1	0.1	1.0	
	1.0	0.1	0.9	
	0.6	0.1	0.5	
	1.4	0.5	0.9	
	1.0	0.5	0.5	
	0.6	0.1	0.5	
	1.0	0.1	0.9	
	0.6	0.1	0.5	
	1.4	0.5	0.9	
	0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
299.00	301.00	2.00	H742948	0.2960	0.274	754	1565	0.021	0.500	145	3090	
301.00	303.00	2.00	H742949	0.3000	0.278	735	1600	0.021	0.500	144	3280	
303.00	304.00	1.00	H742951	0.5340	0.488	1330	1855	0.036	1.100	156	3460	
304.00	305.00	1.00	H742952	0.8700	0.841	2170	2200	0.060	1.400	159	3470	
305.00	306.00	1.00	H742953	0.8630	0.813	2210	2230	0.060	1.600	165	3680	
306.00	307.00	1.00	H742954	0.6560	0.619	1465	1815	0.046	1.100	141	3420	
307.00	308.00	1.00	H742955	0.5110	0.478	1250	1695	0.037	0.900	142	3530	
308.00	309.00	1.00	H742956	0.4170	0.380	1005	1685	0.028	0.900	144	3580	2.83
309.00	311.00	2.00	H742957	0.3440	0.317	838	1640	0.024	0.800	140	3880	
311.00	313.00	2.00	H742958	0.3900	0.362	947	1665	0.027	0.600	145	3630	
313.00	315.00	2.00	H742959	0.1900	0.172	488	1370	0.015	0.600	133	3240	
315.00	317.00	2.00	H742961	0.0976	0.084	246	1260	0.008	0.250	135	3030	
317.00	319.00	2.00	H742962	0.0718	0.058	173	1210	0.006	0.600	132	2970	
319.00	321.00	2.00	H742963	0.0738	0.063	213	1165	0.007	0.250	126	2870	2.95
321.00	323.00	2.00	H742964	0.0611	0.052	180	1145	0.005	0.250	127	2700	
323.00	325.00	2.00	H742965	0.0483	0.038	154	1130	0.005	0.250	125	3030	
325.00	327.00	2.00	H742966	0.0778	0.067	228	1155	0.007	0.250	127	2900	
327.00	329.00	2.00	H742967	0.1180	0.123	415	1170	0.011	0.250	124	2780	
329.00	331.00	2.00	H742968	0.0422	0.040	176	1050	0.004	0.250	120	2650	2.97

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description
295.00	337.65	Mgm	Gabbro - Melanocratic
337.65	382.20	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
1.6	0.1	0.5	1.0
1.5	0.1	0.5	0.9
2.0			2.0
1.1	0.1		1.0
2.0			2.0
1.9	0.5	0.5	0.9
0.2	0.1		0.1
0.3	0.1		0.2
0.2			0.2
0.7			0.7
0.2			0.2

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
329.00	331.00	2.00	H742968	0.0422	0.040	176	1050	0.004	0.250	120	2650	2.97
331.00	333.00	2.00	H742969	0.0440	0.041	202	962	0.005	0.250	113	2350	
333.00	334.00	1.00	H742971	0.0533	0.051	210	876	0.006	0.250	101	2170	
334.00	335.00	1.00	H742972	0.0646	0.064	283	791	0.007	0.250	93	1870	
335.00	336.00	1.00	H742973	0.0577	0.057	275	763	0.006	0.250	96	1770	
336.00	337.65	1.65	H742974	0.0956	0.097	338	688	0.008	0.250	87	1520	
337.65	339.00	1.35	H742975	0.0018	0.002	26	69	0.002	0.250	21	112	
339.00	341.00	2.00	H742976	0.0016	0.002	69	62	0.002	0.250	20	115	2.70
341.00	343.00	2.00	H742977	0.0017	0.002	20	69	0.001	0.250	20	107	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-146

Project: TBN
Claim #: 4210157
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Start Date: 01/09/2009
End Date: 04/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402397.53
Easting: 358698.82
Elevation: 472.56

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 387.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
337.65	382.20	Spt	Siltstone		0.2			0.2
382.20	383.60	Fgd	Granodiorite					
383.60	387.00	Spt	Siltstone		0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

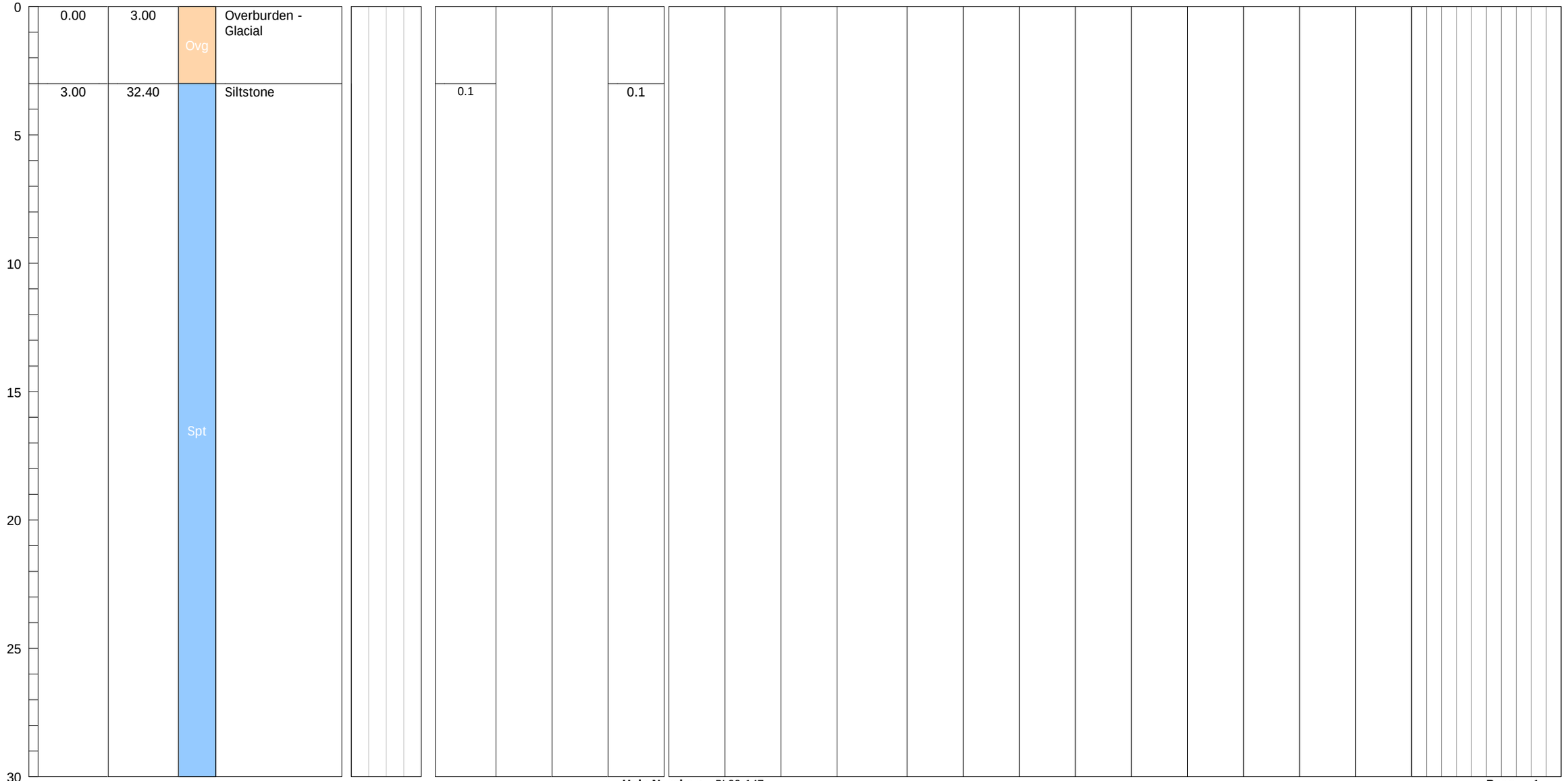
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

Lithology From m	To m	Code	Rock description
0.00	3.00	Ovg	Overburden - Glacial
3.00	32.40	Spt	Siltstone



From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

From m	To m	Code	Rock description
3.00	32.40	Spt	Siltstone
32.40	36.40	Fgr	Granite
36.40	38.55		Granite
38.55	54.80	Spt	Siltstone
54.80	63.75	Fgr	Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

From m	To m	Code	Rock description
54.80	63.75	Fgr	Granite
63.75	69.30	Spt	Siltstone
69.30	73.70	Fgq	Quartz monzonite
73.70	84.35	Spt	Siltstone
84.35	85.90	Fgq	Quartz monzonite
85.90	93.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

From m	To m	Code	Rock description
85.90	93.00	Spt	Siltstone
93.00	94.10	Fgr	Granite
94.10	114.90	Spt	Siltstone
114.90	130.20	Fgr	Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
3.1			3.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

From m	To m	Code	Rock description
114.90	130.20	Fgr	Granite
130.20	134.65	SSS	Sandstone to Siltstone
134.65	136.90	Fgr	Granite
136.90	155.50	SSS	Sandstone to Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

From m	To m	Code	Rock description
136.90	155.50	SSS	Sandstone to Siltstone
155.50	160.50	Hg	Hybrid Grey
160.50	163.50	Hr	Hybrid Classic Red
163.50	165.00	Hr	Hybrid Classic Red
165.00	166.00	Hr	Hybrid Classic Red
166.00	168.55	Hr	Hybrid Classic Red
168.55	172.10	Hr	Hybrid Classic Red
172.10	176.20	Hr	Hybrid Classic Red
176.20	176.80	Hr	Hybrid Classic Red
176.80	260.00	Upd	Peridotite

From m	Sulphide %	Cpy %	Po %	Py %
136.90	0.1			0.1
155.50	3.1			3.1
160.50	2.1			2.1
163.50	1.0			1.0
165.00	0.6			0.6
168.55	1.1			1.1
172.10	0.6			0.6
176.20	0.5			0.5
176.80	4.0			
	3.5			
	1.4	0.5	3.0	0.5
	0.6	0.5	3.0	
	2.6	0.5	0.9	
	0.6	0.1	0.5	2.0
	1.4	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
151.50	153.50	2.00	H742978	0.0021	0.002	15	55	0.001	0.250	15	91	2.67
153.50	155.50	2.00	H742979	0.0170	0.010	7	52	0.002	0.250	15	94	
155.50	157.00	1.50	H742980	0.0966	0.085	56	98	0.008	0.250	26	131	
157.00	159.00	2.00	H742981	0.0621	0.033	283	118	0.009	0.250	27	118	
159.00	161.00	2.00	H742982	0.0192	0.010	63	59	0.002	0.250	25	118	
161.00	163.00	2.00	H742983	0.0089	0.005	13	41	0.002	0.250	27	111	2.63
163.00	165.00	2.00	H742984	0.0054	0.002	3	25	0.001	0.250	23	50	
165.00	167.00	2.00	H742985	0.0028	0.001	4	16	0.001	0.250	23	29	
167.00	169.00	2.00	H742986	0.0010	0.001	4	6	0.001	0.250	17	21	
169.00	171.00	2.00	H742987	0.0018	0.001	58	19	0.001	0.250	29	28	
171.00	173.00	2.00	H742988	0.0005	0.001	17	10	0.002	0.250	18	21	2.64
173.00	175.00	2.00	H742989	0.0035	0.003	1	8	0.001	0.250	23	19	
175.00	176.80	1.80	H742991	0.0045	0.004	44	37	0.001	0.250	32	49	
176.80	177.50	0.70	H742992	0.0080	0.004	588	259	0.005	0.250	86	253	
177.50	178.15	0.65	H742993	0.3890	0.292	1820	1010	0.059	2.100	110	853	
178.15	179.00	0.85	H742994	0.0689	0.062	216	642	0.004	0.250	94	1060	
179.00	180.00	1.00	H742995	0.0964	0.083	500	817	0.012	0.250	105	1400	

Hole Number: BL09-147

Project: TBN
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Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

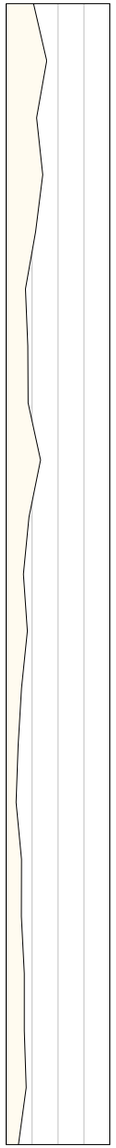
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

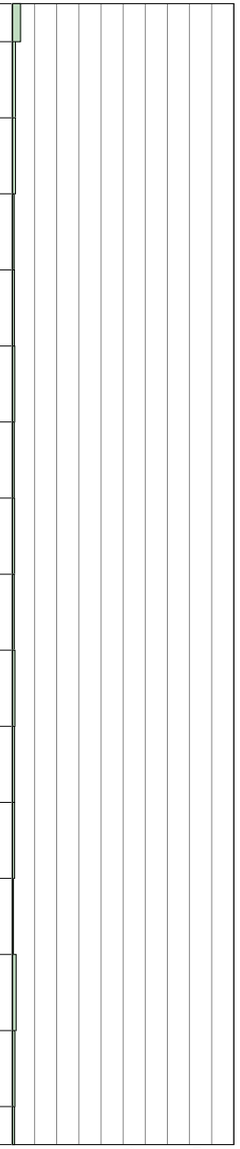
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

Lithology From m	To m	Code	Rock description
176.80	260.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
176.80	177.80	1.4	0.5	0.9	
177.80	178.80	1.9	0.9	1.0	0.1
178.80	179.80	0.7	0.1	0.5	0.1
179.80	180.00	1.5	0.5	0.9	
180.00	181.00	0.6	0.1	0.5	
181.00	182.00	1.4	0.5	0.9	
182.00	183.00	0.6	0.1	0.5	
183.00	184.00	1.0	0.1	0.9	
184.00	184.50	0.5		0.5	
184.50	185.00	0.1		0.1	
185.00	186.00	0.5		0.5	
186.00	187.00	0.1		0.1	
187.00	188.00	1.0	0.1	0.9	
188.00	189.00	0.5		0.5	
189.00	190.00	0.1		0.1	
190.00	191.00	0.5		0.5	
191.00	192.00	0.1		0.1	
192.00	193.00	1.0	0.1	0.9	
193.00	195.00	0.5		0.5	
195.00	197.00				
197.00	199.00				
199.00	201.00				
201.00	203.00				
203.00	205.00				
205.00	207.00				
207.00	209.00	0.1		0.1	
209.00	211.00				

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	181.00	1.00	H742996	0.1920	0.172	1080	1000	0.027	0.250	103	1220	2.89
181.00	183.00	2.00	H742997	0.0822	0.060	422	860	0.007	0.250	111	1520	
183.00	185.00	2.00	H742998	0.0754	0.065	249	990	0.005	0.250	121	2000	
185.00	187.00	2.00	H742999	0.0449	0.037	166	900	0.003	0.250	111	1780	
187.00	189.00	2.00	H743501	0.0487	0.042	169	1000	0.003	0.250	123	2070	
189.00	191.00	2.00	H743502	0.0569	0.050	184	1090	0.004	0.250	126	2110	
191.00	193.00	2.00	H743503	0.0475	0.037	130	1140	0.003	0.250	127	2300	
193.00	195.00	2.00	H743504	0.0561	0.046	126	1200	0.004	0.250	133	2390	
195.00	197.00	2.00	H743505	0.0475	0.038	116	1160	0.003	0.250	133	2390	
197.00	199.00	2.00	H743506	0.0616	0.053	133	1190	0.003	0.250	135	2500	
199.00	201.00	2.00	H743507	0.0511	0.047	165	1230	0.004	0.250	140	2590	
201.00	203.00	2.00	H743508	0.0575	0.043	160	1220	0.004	0.250	138	2760	
203.00	205.00	2.00	H743509	0.0220	0.018	80	1170	0.005	0.250	137	2540	
205.00	207.00	2.00	H743511	0.0882	0.074	198	1260	0.005	0.250	137	2750	
207.00	209.00	2.00	H743512	0.0576	0.054	161	1260	0.004	0.250	138	2840	
209.00	211.00	2.00	H743513	0.0547	0.045	127	1290	0.002	0.250	140	2830	



Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

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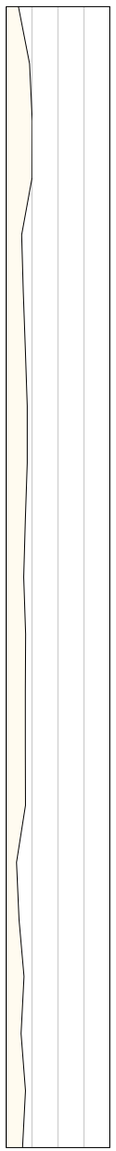
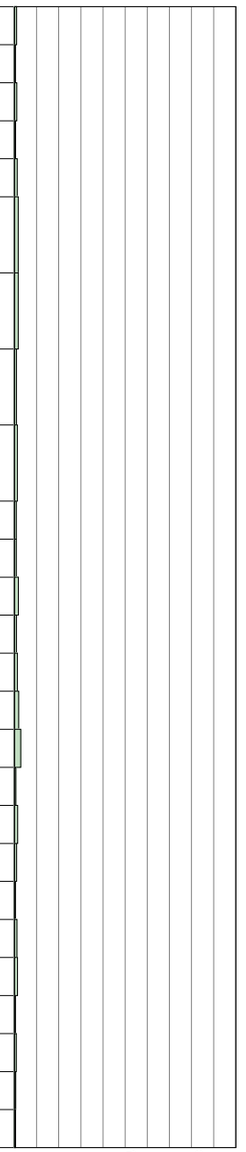
Final Depth: 370.00

Lithology From m	To m	Code	Rock description
176.80	260.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
176.80	260.00	0.1		0.1	
		1.0		1.0	
		0.5		0.5	
		2.0		2.0	
		0.5		0.5	
		0.1		0.1	
		0.5		0.5	
		1.0		1.0	
		2.0		2.0	
		1.0		1.0	
		2.0		2.0	
		1.0		1.0	
		3.0		3.0	
		1.1	0.1	0.9	
		5.2	0.1	5.0	
		0.7	0.1	0.5	
		5.2	0.1	5.0	
		3.2	0.1	3.0	
		5.2	0.1	5.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
209.00	211.00	2.00	H743513	0.0547	0.045	127	1290	0.002	0.250	140	2830	
211.00	212.00	1.00	H743514	0.0265	0.017	85	1270	0.001	0.250	137	2940	
212.00	213.00	1.00	H743515	0.0526	0.050	159	1260	0.003	0.250	139	2990	
213.00	214.00	1.00	H743516	0.0283	0.024	94	1270	0.001	0.250	137	2980	
214.00	215.00	1.00	H743517	0.0683	0.058	185	1290	0.004	0.250	139	2980	
215.00	217.00	2.00	H743518	0.0915	0.078	238	1320	0.005	0.250	144	2950	
217.00	219.00	2.00	H743519	0.0909	0.084	239	1310	0.007	0.250	141	2990	
219.00	221.00	2.00	H743520	0.0520	0.040	110	1270	0.003	0.250	144	3060	
221.00	223.00	2.00	H743521	0.0718	0.058	169	1300	0.005	0.250	143	3060	
223.00	224.00	1.00	H743522	0.0472	0.039	87	1280	0.002	0.250	141	2930	
224.00	225.00	1.00	H743523	0.0497	0.039	87	1340	0.001	0.250	146	2960	
225.00	226.00	1.00	H743524	0.0937	0.088	195	1370	0.006	0.250	144	2840	
226.00	227.00	1.00	H743525	0.0497	0.046	96	1330	0.002	0.250	141	3110	
227.00	228.00	1.00	H743526	0.0707	0.061	206	1380	0.005	0.250	146	3340	
228.00	229.00	1.00	H743527	0.1035	0.089	259	1350	0.006	0.250	144	3200	
229.00	230.00	1.00	H743528	0.1525	0.131	351	1400	0.012	0.250	145	3260	
230.00	231.00	1.00	H743529	0.0380	0.025	97	1280	0.002	0.250	145	3250	
231.00	232.00	1.00	H743531	0.0777	0.066	114	1260	0.005	0.250	143	3040	
232.00	233.00	1.00	H743532	0.0538	0.048	69	1300	0.006	0.250	145	3070	
233.00	234.00	1.00	H743533	0.0244	0.019	57	1290	0.003	0.250	143	2900	
234.00	235.00	1.00	H743534	0.0632	0.051	179	1350	0.007	0.250	146	2960	
235.00	236.00	1.00	H743535	0.0743	0.064	228	1330	0.010	0.250	147	2990	
236.00	237.00	1.00	H743536	0.0262	0.018	69	1240	0.004	0.250	142	3010	
237.00	238.00	1.00	H743537	0.0466	0.037	111	1360	0.006	0.250	145	3110	
238.00	239.00	1.00	H743538	0.0317	0.026	70	1290	0.004	0.250	142	3100	
239.00	240.00	1.00	H743539	0.0333	0.022	64	1280	0.004	0.250	141	3180	



Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

Lithology From m	To m	Code	Rock description
176.80	260.00	Upd	Peridotite
260.00	302.00	Upd	Peridotite

Magsus 0 100 200

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Sulphide %	Cpy %	Po %	Py %
240.00	241.00	1.00	H743541	0.0556	0.046	110	1340	0.006	0.250	139	3100		5.2	0.1	5.0	
241.00	242.00	1.00	H743542	0.0604	0.049	137	1370	0.008	0.250	144	3160		2.2	0.1	2.0	
242.00	243.00	1.00	H743543	0.0647	0.058	143	1360	0.007	0.250	143	3160		0.8	0.2	0.5	
243.00	244.00	1.00	H743544	0.0889	0.079	221	1410	0.009	0.250	140	3220					
244.00	245.00	1.00	H743545	0.1080	0.089	298	1410	0.011	0.250	145	3380		3.3	0.2	3.0	
245.00	246.00	1.00	H743546	0.0460	0.039	123	1380	0.006	0.250	145	3240		1.3	0.2	1.0	
246.00	247.00	1.00	H743547	0.0526	0.040	113	1470	0.006	0.250	148	3210		2.3	0.2	2.0	
247.00	248.00	1.00	H743548	0.0684	0.058	110	1320	0.006	0.250	143	3250		1.3	0.2	1.0	
248.00	250.00	2.00	H743549	0.0949	0.080	215	1410	0.010	0.250	144	3300		0.7	0.1	0.5	
250.00	252.00	2.00	H743551	0.0646	0.050	128	1430	0.006	0.250	147	3370		0.3	0.1	0.1	
252.00	254.00	2.00	H743552	0.0801	0.067	132	1450	0.007	0.250	144	3550					
254.00	256.00	2.00	H743553	0.0783	0.062	120	1390	0.006	0.250	139	3610		0.7	0.1	0.5	
256.00	258.00	2.00	H743554	0.0929	0.074	239	1520	0.009	0.250	141	3780		3.2	0.1	3.0	
258.00	260.00	2.00	H743555	0.1180	0.089	255	1570	0.010	0.250	141	4310		1.2	0.1	1.0	
260.00	262.00	2.00	H743556	0.0903	0.067	171	1510	0.007	0.250	145	3810		0.7	0.1	0.5	
262.00	264.00	2.00	H743557	0.0751	0.056	153	1470	0.006	0.250	144	3530		1.1	0.1	0.9	
264.00	266.00	2.00	H743558	0.0604	0.045	133	1560	0.005	0.250	150	3570		0.7	0.1	0.5	
266.00	268.00	2.00	H743559	0.0719	0.056	144	1470	0.006	0.250	150	3310					
268.00	270.00	2.00	H743560	0.0933	0.078	183	1500	0.008	0.250	154	3300					

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

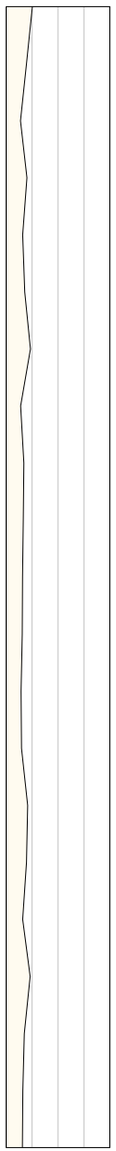
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

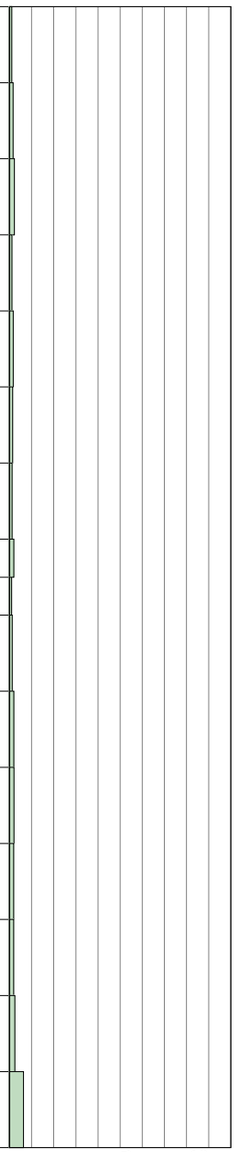
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

Lithology From m	To m	Code	Rock description
260.00	302.00	Upd	Peridotite



Sulphide %	Cpy %	Po %	Py %
0.7	0.1	0.5	
0.3	0.1	0.1	
0.7	0.1	0.5	
3.2	0.1	3.0	
0.3	0.1	0.1	
0.7	0.1	0.5	
3.3	0.2	3.0	
1.3	0.2	1.0	
0.8	0.2	0.5	
1.6	0.6	0.9	
0.8	0.2	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H743561	0.0569	0.049	129	1510	0.005	0.250	153	3350	
272.00	274.00	2.00	H743562	0.0925	0.076	209	1585	0.008	0.250	158	3610	
274.00	276.00	2.00	H743563	0.1210	0.101	265	1595	0.010	0.250	155	3720	
276.00	278.00	2.00	H743564	0.0637	0.046	137	1490	0.006	0.250	152	3470	
278.00	280.00	2.00	H743565	0.0935	0.077	241	1410	0.009	0.250	146	3140	
280.00	282.00	2.00	H743566	0.0763	0.067	160	1340	0.008	0.250	142	2970	
282.00	284.00	2.00	H743567	0.0655	0.055	157	1390	0.007	0.250	149	2960	
284.00	285.00	1.00	H743568	0.1110	0.090	236	1450	0.009	0.250	148	3210	
285.00	286.00	1.00	H743569	0.0551	0.042	111	1385	0.006	0.250	143	3170	
286.00	288.00	2.00	H743571	0.0683	0.058	178	1510	0.008	0.250	153	3400	
288.00	290.00	2.00	H743572	0.1080	0.092	245	1370	0.009	0.250	146	3160	
290.00	292.00	2.00	H743573	0.1100	0.093	282	1360	0.009	0.250	143	3110	
292.00	294.00	2.00	H743574	0.1040	0.089	247	1335	0.009	0.250	142	3230	
294.00	296.00	2.00	H743575	0.1030	0.087	229	1395	0.008	0.250	140	3230	
296.00	298.00	2.00	H743576	0.1310	0.117	353	1445	0.011	0.250	144	3260	
298.00	300.00	2.00	H743577	0.3360	0.300	806	1620	0.023	0.250	144	3350	



Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

From m	To m	Code	Rock description
260.00	302.00	Upd	Peridotite
302.00	320.70	Mgm	Gabbro - Melanocratic
320.70	321.10	Hg	Hybrid Grey
321.10	370.00	Spt	Siltstone

From m	Sulphide %	Cpy %	Po %	Py %
300.00	0.8	0.2	0.5	
302.00				
304.00				
306.00	1.7	0.6	1.0	
308.00	1.2	0.6	0.5	
309.00	0.8	0.2	0.5	
311.00	1.6	0.6	0.9	
313.00	1.3	0.6	0.5	0.1
315.00	2.2	1.1	0.9	0.1
317.00	1.2	0.6	0.5	
319.00	2.2	0.6	0.5	1.0
320.00				
320.70	2.2	0.1		2.0
321.10	2.7	0.1		2.5
323.00	0.8	0.1		0.6
325.00	0.6			0.6

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H743578	0.1250	0.104	285	1325	0.010	0.250	137	3340	
302.00	304.00	2.00	H743579	0.0843	0.063	210	1340	0.008	0.250	135	3430	
304.00	306.00	2.00	H743581	0.1240	0.106	305	1345	0.011	0.250	132	3280	
306.00	308.00	2.00	H743582	0.2260	0.193	545	1380	0.016	0.250	129	3370	
308.00	309.00	1.00	H743583	0.5260	0.460	1185	1585	0.036	0.600	133	3000	
309.00	311.00	2.00	H743584	0.2280	0.201	581	1325	0.017	0.250	134	2570	
311.00	313.00	2.00	H743585	0.1110	0.097	319	1185	0.009	0.250	131	2610	
313.00	315.00	2.00	H743586	0.1760	0.165	548	1165	0.014	0.250	128	2450	
315.00	317.00	2.00	H743587	0.7750	0.700	1825	1630	0.051	1.200	132	2430	
317.00	319.00	2.00	H743588	0.0540	0.044	206	888	0.006	0.250	108	2270	
319.00	320.00	1.00	H743589	0.0881	0.072	312	810	0.008	0.250	97	1765	
320.00	320.70	0.70	H743591	0.1010	0.086	372	721	0.010	0.250	92	1530	
320.70	321.10	0.40	H743592	0.0200	0.017	80	154	0.005	0.250	38	241	
321.10	323.00	1.90	H743593	0.0022	0.002	59	83	0.003	0.250	24	144	
323.00	325.00	2.00	H743594	0.0024	0.002	41	56	0.002	0.250	18	111	

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
321.10	370.00	Spt	Siltstone		0.6			0.6
					0.8	0.1		0.6
					0.6			0.6

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

330
335
340
345
350
355
360

Hole Number: BL09-147

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 05/09/2009
End Date: 08/09/2009

Magma Metals (Canada) Ltd.

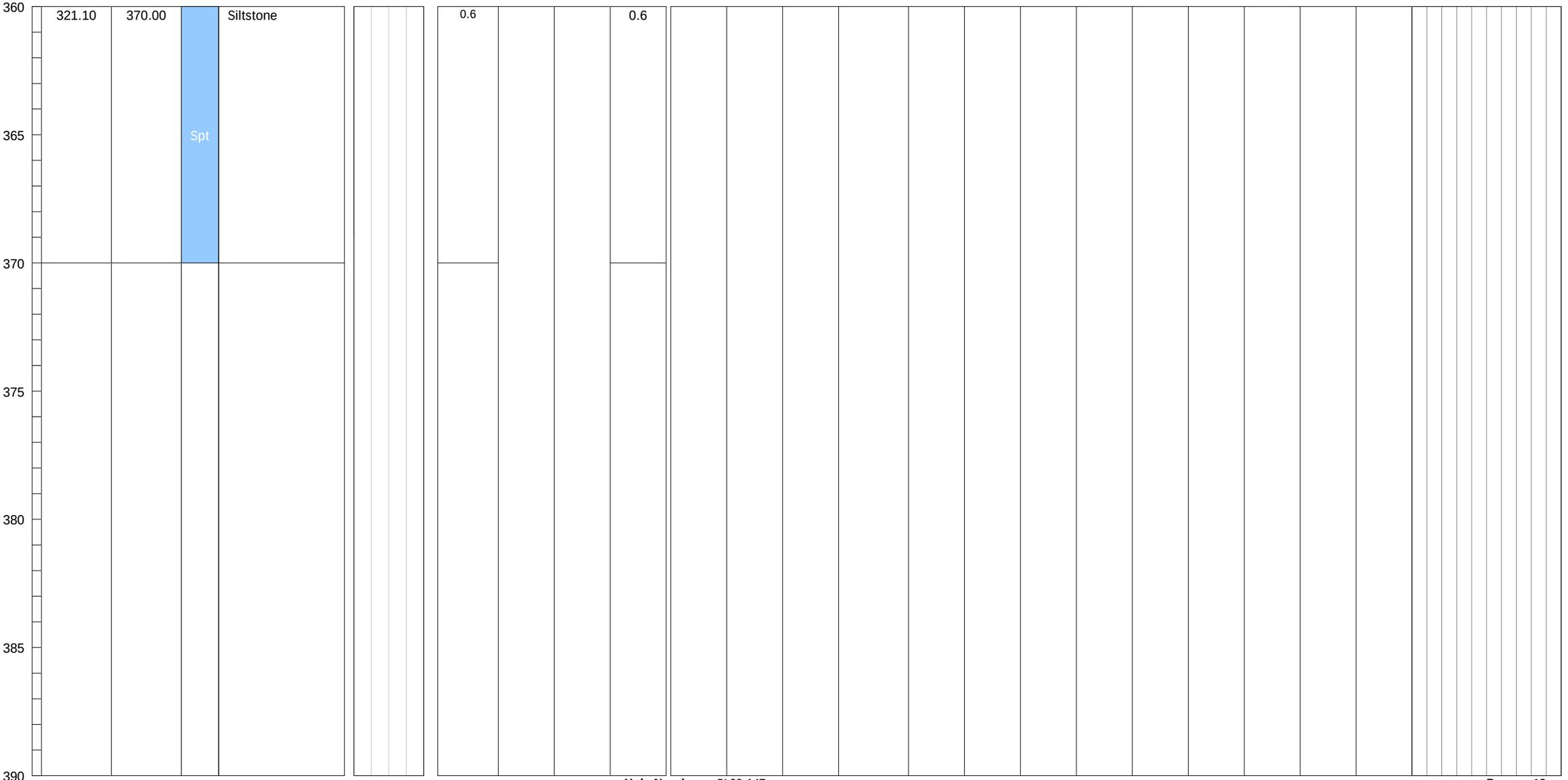
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402452.76
Easting: 358699.51
Elevation: 474.99

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 370.00

Lithology From m	To m	Code	Rock description
321.10	370.00	Spt	Siltstone



From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	10.05	SSS	Sandstone to Siltstone
10.05	14.35	Fgq	Quartz monzonite
14.35	20.00	SSS	Sandstone to Siltstone
20.00	22.05	Fgq	Quartz monzonite
22.05	81.60	SSS	Sandstone to Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.1			0.1
0.2			0.2
0.5			0.5
0.6			0.6

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

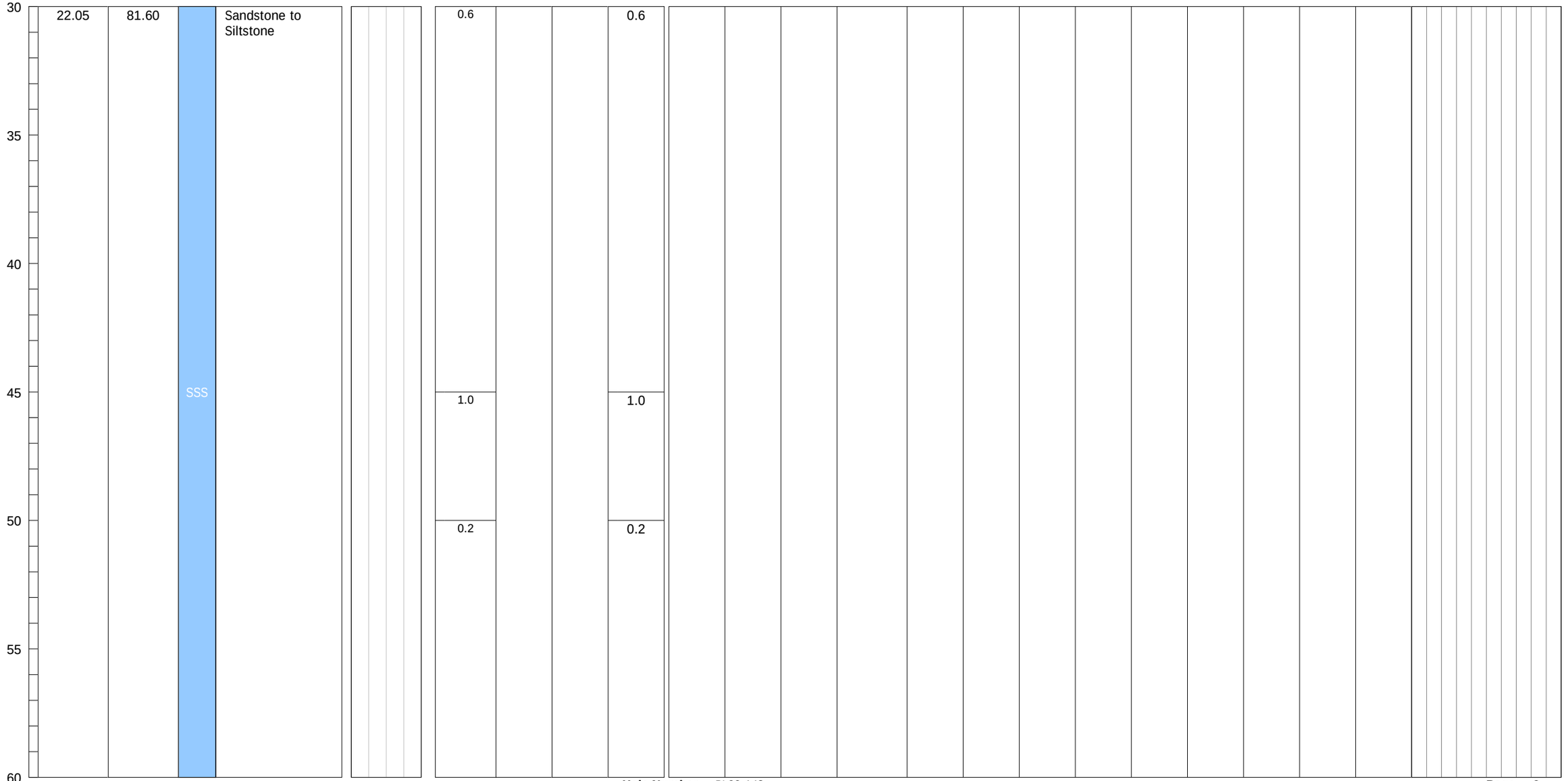
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description
22.05	81.60	SSS	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
22.05	81.60	SSS	Sandstone to Siltstone		0.2			0.2
81.60	85.15	Fgr	Granite					
85.15	90.00	SSS	Sandstone to Siltstone		0.1 0.2			0.1 0.2

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

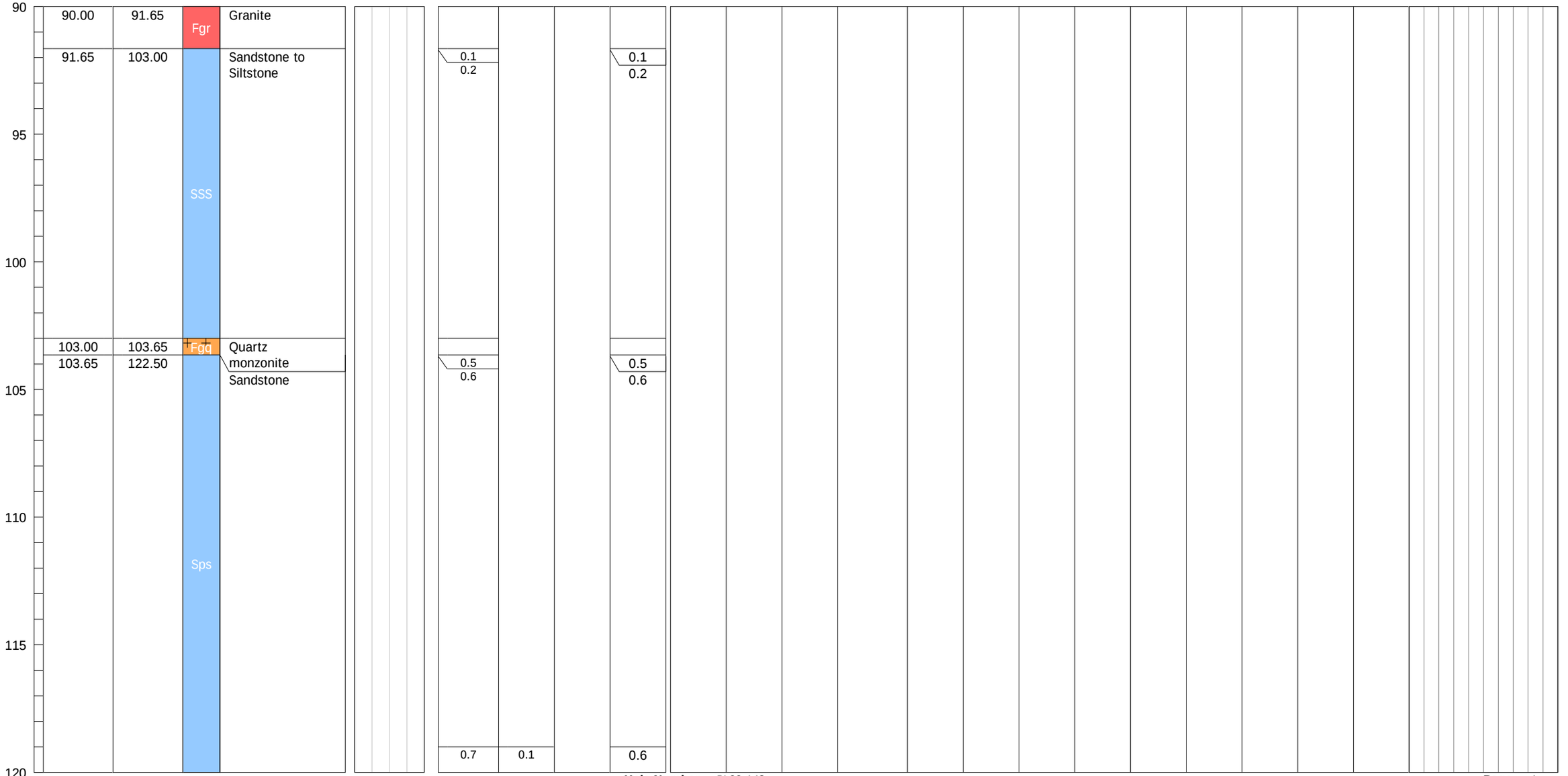
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description
90.00	91.65	Fgr	Granite
91.65	103.00	SSS	Sandstone to Siltstone
103.00	103.65	Fgq	Quartz monzonite
103.65	122.50	Sps	Sandstone



From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

From m	To m	Code	Rock description
103.65	122.50	Sps	Sandstone
122.50	123.45	Fgr	Granite
123.45	134.95	SSS	Sandstone to Siltstone
134.95	135.55	Fgr	Granite
135.55	155.15	SSS	Sandstone to Siltstone

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
135.55	155.15	SSS	Sandstone to Siltstone		0.2			0.2
					1.1			1.1
155.15	156.15	Hg	Hybrid Grey		3.1			3.1
156.15	166.35	Hg	Hybrid Classic Red		2.1			2.1
					1.0			1.0
166.35	168.55	Hg	Hybrid Classic Red		2.1			2.1
168.55	170.80		Hybrid Classic Red		1.1			1.1
170.80	173.75		Hybrid Classic Red		3.1			3.1
					1.1			1.1
173.75	175.55		Hybrid Classic Red		1.6			1.6
					0.6			0.6
175.55	176.60		Hybrid Classic Red					
176.60	179.60		Hybrid Classic Red					
179.60	185.65	Upd	Peridotite		1.1			1.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
151.00	153.00	2.00	H743595	0.0017	0.001	91	47	0.002	0.250	14	82	2.69
153.00	155.15	2.15	H743596	0.0061	0.005	44	53	0.002	0.700	17	85	
155.15	156.15	1.00	H743597	0.1810	0.166	200	139	0.007	0.500	28	153	
156.15	158.00	1.85	H743598	0.0252	0.017	36	58	0.004	0.800	28	145	
158.00	160.00	2.00	H743599	0.0026	0.001	56	18	0.002	0.600	23	29	
160.00	162.00	2.00	H743600	0.0031	0.002	76	23	0.002	0.600	25	39	2.76
162.00	164.00	2.00	H743601	0.0014	0.001	53	21	0.002	0.900	22	40	
164.00	166.00	2.00	H743602	0.0007	0.001	19	13	0.002	0.800	23	27	
166.00	168.00	2.00	H743603	0.0007	0.001	39	4	0.002	0.900	19	8	
168.00	170.00	2.00	H743604	0.0006	0.001	1	17	0.002	0.800	17	14	
170.00	172.00	2.00	H743605	0.0009	0.001	3	15	0.001	0.900	22	18	
172.00	174.00	2.00	H743606	0.0018	0.001	1	20	0.001	1.000	23	36	
174.00	176.00	2.00	H743607	0.0015	0.001	3	14	0.002	1.000	24	17	2.65
176.00	178.00	2.00	H743608	0.0026	0.002	1	7	0.002	0.800	21	13	
178.00	179.60	1.60	H743609	0.0049	0.003	128	104	0.002	0.600	51	113	
179.60	180.20	0.60	H743611	0.2470	0.157	1555	769	0.057	1.000	110	586	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

From m	To m	Code	Rock description
179.60	185.65	Upd	Peridotite
185.65	186.25	Mgvt	Gabbro - VariTextured
186.25	200.00	Upd	Peridotite
200.00	275.00	Upd	Peridotite

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
179.60	180.20	0.6			0.6
180.20	182.00	1.1	0.1		1.1
182.00	184.00	1.1			1.1
184.00	185.65	0.5			0.5
185.65	186.25	0.9			0.9
186.25	188.00	1.4	0.5	0.9	
188.00	190.00	0.7	0.1	0.5	0.1
190.00	192.00	2.2		2.0	0.2
192.00	194.00	0.6		0.5	0.1
194.00	196.00	0.7	0.1	0.5	0.1
196.00	198.00	0.5		0.5	
198.00	200.00	1.0	0.1	0.9	
200.00	202.00	1.5	0.1	0.9	0.5
202.00	204.00	0.5		0.5	
204.00	206.00	0.9		0.9	
206.00	208.00	0.9		0.9	
208.00	210.00	0.5		0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.60	180.20	0.60	H743611	0.2470	0.157	1555	769	0.057	1.000	110	586	
180.20	182.00	1.80	H743612	0.0465	0.035	356	724	0.007	2.800	106	1410	
182.00	184.00	2.00	H743613	0.0341	0.026	212	765	0.005	0.600	107	1490	
184.00	185.65	1.65	H743614	0.0246	0.019	144	958	0.003	0.600	124	2160	2.95
185.65	186.25	0.60	H743615	0.0018	0.001	255	272	0.003	0.700	44	831	
186.25	188.00	1.75	H743616	0.0267	0.022	147	942	0.004	0.700	118	2130	
188.00	190.00	2.00	H743617	0.0177	0.014	125	1015	0.003	0.500	125	2480	
190.00	192.00	2.00	H743618	0.0373	0.031	120	1075	0.004	0.800	130	2590	
192.00	194.00	2.00	H743619	0.0456	0.040	157	1160	0.005	0.250	137	2700	
194.00	196.00	2.00	H743621	0.0320	0.027	118	1145	0.004	0.250	135	2730	2.97
196.00	198.00	2.00	H743622	0.0396	0.033	132	1205	0.004	0.250	142	2850	
198.00	200.00	2.00	H743623	0.0394	0.033	116	1185	0.004	0.500	138	2830	
200.00	202.00	2.00	H743624	0.0596	0.055	115	1180	0.005	0.900	136	2820	
202.00	204.00	2.00	H743625	0.0504	0.044	119	1225	0.005	0.600	142	2890	
204.00	206.00	2.00	H743626	0.0669	0.057	179	1325	0.006	0.600	150	2960	2.99
206.00	208.00	2.00	H743627	0.0440	0.038	123	1320	0.004	0.500	149	3010	
208.00	210.00	2.00	H743628	0.0581	0.051	155	1310	0.005	0.800	149	2800	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

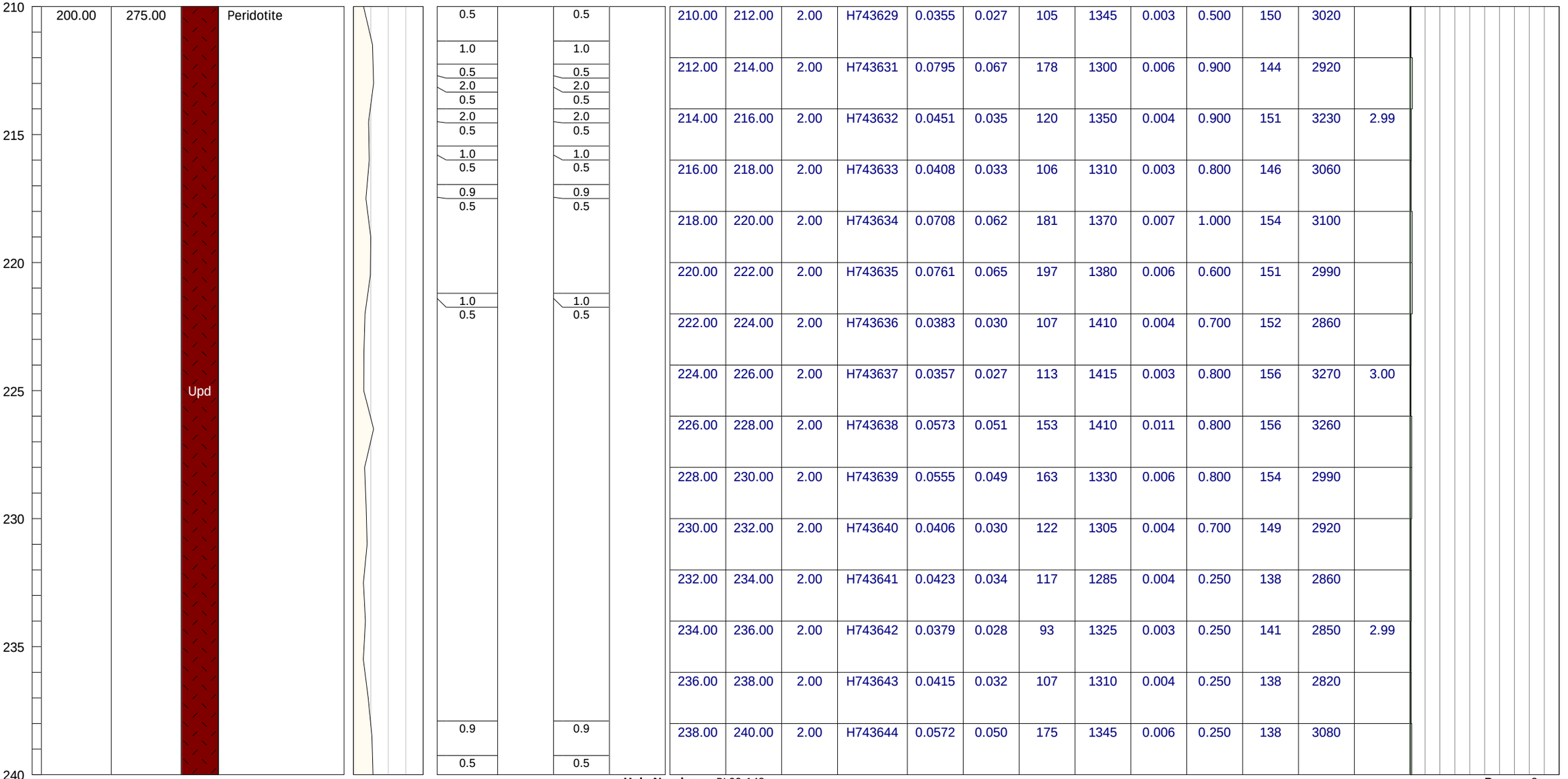
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description
200.00	275.00	Upd	Peridotite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H743629	0.0355	0.027	105	1345	0.003	0.500	150	3020	
212.00	214.00	2.00	H743631	0.0795	0.067	178	1300	0.006	0.900	144	2920	
214.00	216.00	2.00	H743632	0.0451	0.035	120	1350	0.004	0.900	151	3230	2.99
216.00	218.00	2.00	H743633	0.0408	0.033	106	1310	0.003	0.800	146	3060	
218.00	220.00	2.00	H743634	0.0708	0.062	181	1370	0.007	1.000	154	3100	
220.00	222.00	2.00	H743635	0.0761	0.065	197	1380	0.006	0.600	151	2990	
222.00	224.00	2.00	H743636	0.0383	0.030	107	1410	0.004	0.700	152	2860	
224.00	226.00	2.00	H743637	0.0357	0.027	113	1415	0.003	0.800	156	3270	3.00
226.00	228.00	2.00	H743638	0.0573	0.051	153	1410	0.011	0.800	156	3260	
228.00	230.00	2.00	H743639	0.0555	0.049	163	1330	0.006	0.800	154	2990	
230.00	232.00	2.00	H743640	0.0406	0.030	122	1305	0.004	0.700	149	2920	
232.00	234.00	2.00	H743641	0.0423	0.034	117	1285	0.004	0.250	138	2860	
234.00	236.00	2.00	H743642	0.0379	0.028	93	1325	0.003	0.250	141	2850	2.99
236.00	238.00	2.00	H743643	0.0415	0.032	107	1310	0.004	0.250	138	2820	
238.00	240.00	2.00	H743644	0.0572	0.050	175	1345	0.006	0.250	138	3080	

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

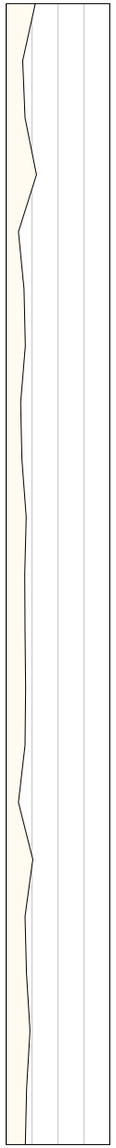
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

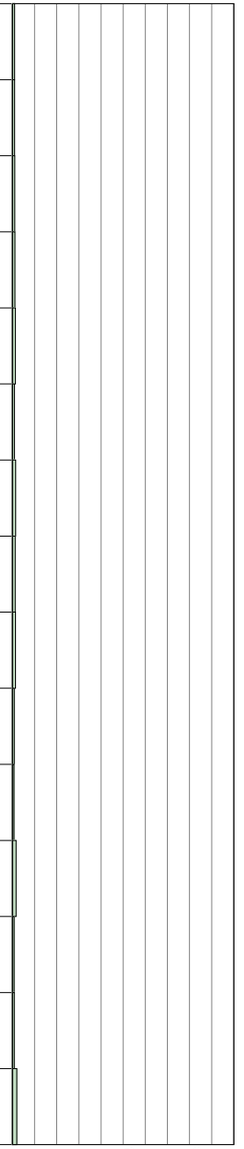
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description
200.00	275.00	Upd	Peridotite



From m	To m	Sulphide %	Cpy %	Po %	Py %
240.00	242.00	0.5		0.5	
242.00	244.00	0.6		0.5	0.1
244.00	246.00	1.0	0.1	0.9	0.1
		1.1		0.9	0.1
		0.6		0.5	0.1
246.00	248.00	0.5		0.5	
248.00	250.00				
250.00	252.00				
252.00	254.00				
254.00	256.00				
256.00	258.00				
258.00	260.00				
260.00	262.00				
262.00	264.00	1.0		1.0	
		0.5		0.5	
264.00	266.00				
266.00	268.00				
268.00	270.00	2.0		2.0	
		0.5		0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
240.00	242.00	2.00	H743645	0.0564	0.046	134	1370	0.005	0.250	139	3200	
242.00	244.00	2.00	H743646	0.0557	0.045	123	1420	0.005	0.250	145	3400	
244.00	246.00	2.00	H743647	0.0567	0.050	170	1295	0.005	0.250	130	3050	2.97
246.00	248.00	2.00	H743648	0.0613	0.054	118	1435	0.005	0.250	140	3310	
248.00	250.00	2.00	H743649	0.0729	0.059	134	1425	0.005	0.250	136	3130	
250.00	252.00	2.00	H743651	0.0512	0.039	103	1485	0.004	0.600	146	3600	
252.00	254.00	2.00	H743652	0.0811	0.064	222	1635	0.006	0.250	151	4310	
254.00	256.00	2.00	H743653	0.0730	0.054	152	1585	0.005	0.900	152	4040	2.96
256.00	258.00	2.00	H743654	0.0765	0.062	136	1540	0.006	0.250	154	3600	
258.00	260.00	2.00	H743655	0.0488	0.040	152	1490	0.004	0.600	155	3330	
260.00	262.00	2.00	H743656	0.0395	0.033	150	1465	0.003	0.600	157	3470	
262.00	264.00	2.00	H743657	0.0860	0.079	217	1395	0.007	0.700	151	2940	
264.00	266.00	2.00	H743658	0.0432	0.038	164	1465	0.003	0.900	154	3160	2.98
266.00	268.00	2.00	H743659	0.0467	0.042	218	1505	0.003	0.700	151	3060	
268.00	270.00	2.00	H743661	0.1030	0.096	265	1480	0.008	0.250	147	3560	



Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

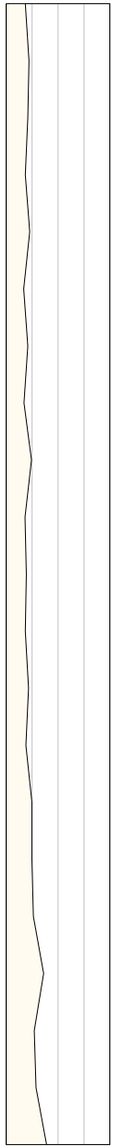
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

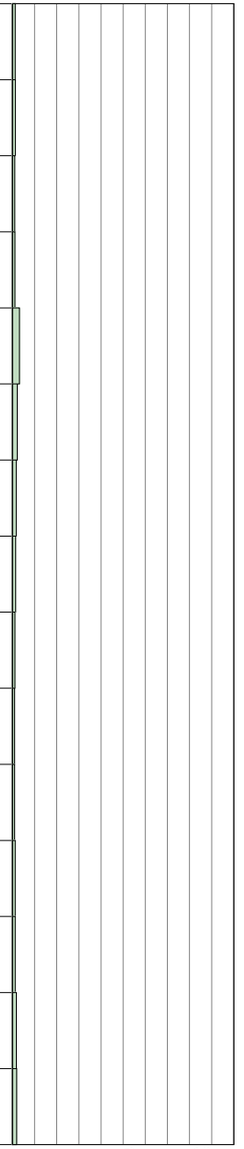
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description
200.00	275.00	Upd	Peridotite
275.00	290.00	Upd	Peridotite
290.00	308.80	Mgm	Gabbro - Melanocratic



Sulphide %	Cpy %	Po %	Py %
0.5		0.5	
0.6		0.5	0.1
1.0		0.9	0.1
0.5		0.5	
0.9		0.9	
0.5		0.5	
1.4		0.9	0.5
1.1	0.1	0.5	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H743662	0.0670	0.056	168	1390	0.005	0.250	150	3400	
272.00	274.00	2.00	H743663	0.0721	0.063	174	1410	0.006	0.250	152	3150	
274.00	276.00	2.00	H743664	0.0562	0.051	125	1290	0.004	0.250	142	2870	2.98
276.00	278.00	2.00	H743665	0.0573	0.054	169	1320	0.005	0.250	145	2880	
278.00	280.00	2.00	H743666	0.1655	0.153	393	1420	0.012	0.250	143	3060	
280.00	282.00	2.00	H743667	0.1115	0.105	289	1460	0.009	0.250	147	3220	
282.00	284.00	2.00	H743668	0.0921	0.079	264	1420	0.008	0.250	143	3350	
284.00	286.00	2.00	H743669	0.0778	0.067	193	1430	0.006	0.250	143	3490	3.05
286.00	288.00	2.00	H743671	0.0636	0.049	185	1430	0.004	0.250	148	3540	
288.00	290.00	2.00	H743672	0.0576	0.043	171	1400	0.004	0.250	142	3450	
290.00	292.00	2.00	H743673	0.0592	0.043	161	1400	0.004	0.250	143	3460	
292.00	294.00	2.00	H743674	0.0749	0.053	162	1310	0.004	0.250	134	3400	
294.00	296.00	2.00	H743675	0.0731	0.054	174	1230	0.005	0.250	125	3290	3.01
296.00	298.00	2.00	H743676	0.0984	0.082	249	1270	0.007	0.250	127	3250	
298.00	300.00	2.00	H743677	0.1090	0.083	284	1250	0.008	0.250	121	3380	



Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

From m	To m	Code	Rock description
290.00	308.80	Mgm	Gabbro - Melanocratic
308.80	309.55	Fg	Granite - Undifferentiated
309.55	310.05	Mgm	Gabbro - Melanocratic
310.05	312.00	Spt	Siltstone
312.00	315.50	Fgq	Quartz monzonite
315.50	336.60	SSS	Sandstone to Siltstone

From m	To m	Sulphide %	Cpy %	Po %	Py %
290.00	308.80	1.1	0.1	0.5	0.5
		1.0	0.5	0.5	
		1.9	0.5	0.5	0.9
		1.9	0.5	0.5	0.9
		3.0	0.5	0.5	2.0
		2.3	0.9	0.9	0.5
		6.4	0.9	0.5	5.0
		2.6	0.5	0.1	2.0
308.80	309.55	0.1			0.1
309.55	310.05	3.1			3.1
310.05	312.00	0.1			0.1
312.00	315.50	5.1			5.1
		0.1			0.1
315.50	336.60	1.0			1.0
		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
300.00	302.00	2.00	H743678	0.0570	0.041	185	1060	0.005	0.250	109	2950	
302.00	303.00	1.00	H743679	0.0401	0.026	140	914	0.004	0.250	102	2450	
303.00	304.00	1.00	H743680	0.2440	0.211	675	1110	0.016	0.250	113	2240	
304.00	305.00	1.00	H743681	0.4270	0.368	1090	1220	0.027	0.250	116	1950	2.98
305.00	306.00	1.00	H743682	0.0635	0.050	214	767	0.005	0.250	96	1770	
306.00	307.00	1.00	H743683	0.3380	0.305	984	1120	0.023	0.250	110	1820	
307.00	308.00	1.00	H743684	1.0700	1.040	3090	1920	0.080	1.700	133	1670	
308.00	308.80	0.80	H743685	0.0676	0.054	233	677	0.006	0.250	86	1450	
308.80	309.55	0.75	H743686	0.0036	0.003	38	8	0.001	0.800	2	33	
309.55	310.05	0.50	H743687	0.1420	0.134	545	366	0.008	0.250	41	343	
310.05	312.00	1.95	H743688	0.0231	0.020	147	77	0.003	0.250	19	121	
312.00	314.00	2.00	H743689	0.0014	0.001	24	23	0.002	0.250	6	47	2.55

Hole Number: BL09-148

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/09/2009
End Date: 12/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402497.23
Easting: 358700.32
Elevation: 479.28

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 356.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
315.50	336.60	SSS	Sandstone to Siltstone		1.0			1.0														
					0.1			0.1														
336.60	344.15	Fgd	Granodiorite																			
344.15	356.00	SSS	Sandstone to Siltstone		0.1			0.1														
					1.0			1.0														
					0.1			0.1														

330 335 340 345 350 355 360

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

From m	To m	Code	Rock description
0.00	1.40	Ovg	Overburden - Glacial
1.40	4.15	Fgr	Granite
4.15	7.65	Fgq	Quartz monzonite
7.65	36.30	Fgr	Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

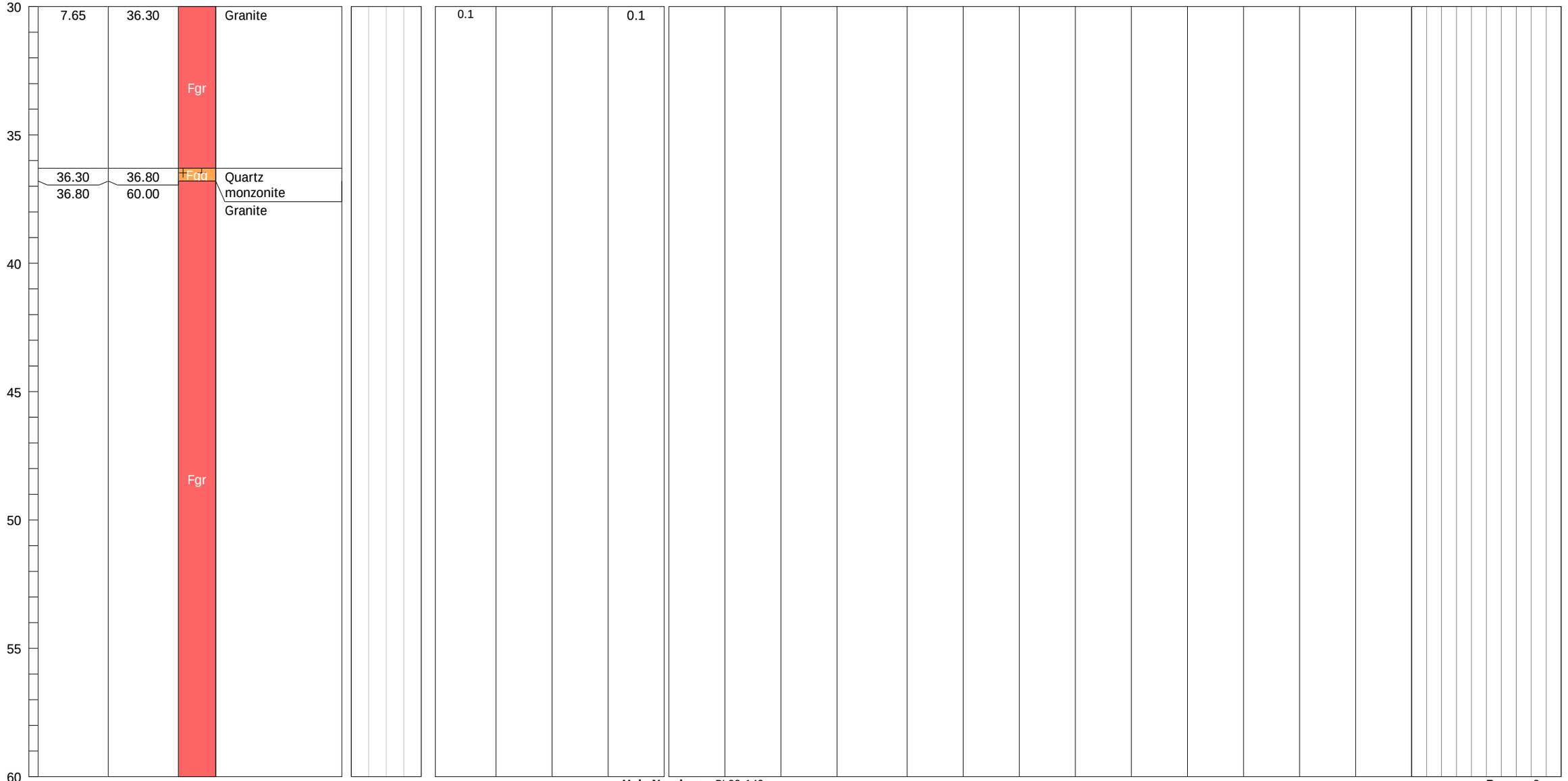
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

From m	To m	Code	Rock description
7.65	36.30	Fgr	Granite
36.30	36.80	Fgd	Quartz monzonite
36.80	60.00	Fgr	Granite



Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology From m	Lithology To m	Lithology Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
60.00	74.40	Fgq	Quartz monzonite		0.1			0.1														
					1.0			1.0														
					15.0			15.0														
74.40	89.00	Fgr	Granite																			
89.00	91.00	Fgq	Quartz monzonite																			

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

From m	To m	Code	Rock description
89.00	91.00	Fgq	Quartz monzonite
91.00	92.80	Fgr	Granite
92.80	99.00	Fgq	Quartz monzonite
99.00	139.00	Fgr	Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
1.0			1.0

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology From m	To m	Code	Rock description
99.00	139.00	Fgr	Granite
139.00	175.85	Fgr	Granite

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
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Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology From m	To m	Code	Rock description
139.00	175.85	Fgr	Granite
175.85	183.10		Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H743691	0.0003	0.001	2	3	0.003	0.250	1	12	2.61

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology From m	To m	Code	Rock description
175.85	183.10	Fgr	Granite
183.10	183.35	Mgm	Gabbro - Melanocratic
183.35	185.55	Mgvt	Gabbro - VariTextured
185.55	186.85	Mgm	Gabbro - Melanocratic
186.85	187.40	Mgvt	Gabbro - VariTextured
187.40	282.30	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
3.1			3.1
2.0			2.0
0.9			0.9
0.1	0.1		
0.2	0.1	0.1	
0.7	0.1	0.1	0.5
1.1	0.1	0.5	0.5
0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.00	181.00	2.00	H743691	0.0003	0.001	2	3	0.003	0.250	1	12	2.61
181.00	183.10	2.10	H743692	0.0042	0.001	9	8	0.003	0.500	2	18	
183.10	184.10	1.00	H743693	0.0083	0.003	215	159	0.004	0.250	49	288	
184.10	185.55	1.45	H743694	0.0008	0.001	120	90	0.003	0.250	37	135	
185.55	186.85	1.30	H743695	0.0229	0.013	152	392	0.006	0.250	67	945	
186.85	187.40	0.55	H743696	0.0049	0.005	144	200	0.007	0.250	39	411	
187.40	189.40	2.00	H743697	0.0329	0.025	169	641	0.007	0.250	97	1490	
189.40	190.50	1.10	H743698	0.0233	0.015	135	415	0.006	0.250	65	978	2.88
190.50	192.50	2.00	H743699	0.0356	0.023	163	783	0.006	0.250	106	1840	
192.50	194.00	1.50	H743701	0.0267	0.017	151	636	0.006	0.250	89	1425	
194.00	196.00	2.00	H743702	0.0279	0.017	126	781	0.006	0.250	103	1850	
196.00	198.00	2.00	H743703	0.0358	0.025	166	834	0.007	0.250	109	1895	
198.00	200.00	2.00	H743704	0.0368	0.028	163	796	0.007	0.250	108	1830	2.95
200.00	202.00	2.00	H743705	0.0462	0.039	186	867	0.006	0.250	116	1680	
202.00	204.00	2.00	H743706	0.0360	0.027	170	852	0.006	0.250	113	1905	
204.00	206.00	2.00	H743707	0.0289	0.020	170	861	0.005	0.250	114	1955	
206.00	208.00	2.00	H743708	0.0420	0.032	184	864	0.007	0.250	113	1990	
208.00	210.00	2.00	H743709	0.0298	0.021	149	796	0.005	0.250	109	1930	2.98

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology From m	To m	Code	Rock description
187.40	282.30	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
3.6	0.1	0.5	3.0
0.7	0.1	0.5	0.1
3.2	0.1	3.0	0.1
1.2	0.1	1.0	0.1
3.2	0.1	3.0	0.1
1.4		0.5	0.9
0.6		0.1	0.5
1.1	0.1	0.5	0.5
1.9	0.1	0.9	0.9
1.1	0.1	0.5	0.5
2.1	0.1	1.0	1.0
1.1	0.1	0.5	0.5
1.6	0.1	1.0	0.5
0.6	0.1	0.5	
1.6	0.1	0.5	1.0
2.6	0.1	0.5	2.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
210.00	212.00	2.00	H743711	0.0356	0.026	174	869	0.009	0.250	116	2100	
212.00	214.00	2.00	H743712	0.0365	0.026	141	823	0.005	0.250	108	1915	
214.00	215.00	1.00	H743713	0.0316	0.023	167	869	0.004	0.250	115	2130	
215.00	216.00	1.00	H743714	0.0444	0.036	168	884	0.007	0.250	115	2190	
216.00	218.00	2.00	H743715	0.0301	0.021	148	883	0.006	0.250	114	2290	
218.00	219.00	1.00	H743716	0.0304	0.022	155	907	0.006	0.250	115	2330	2.97
219.00	220.00	1.00	H743717	0.0216	0.014	131	910	0.005	0.250	116	2380	
220.00	221.00	1.00	H743718	0.0276	0.019	143	935	0.006	0.250	114	2400	
221.00	222.00	1.00	H743719	0.0211	0.012	130	922	0.005	0.250	113	2420	
222.00	224.00	2.00	H743720	0.0338	0.026	137	987	0.006	0.250	118	2540	
224.00	226.00	2.00	H743721	0.0316	0.023	127	986	0.005	0.250	117	2400	
226.00	228.00	2.00	H743722	0.0414	0.033	133	1005	0.005	0.250	119	2520	
228.00	230.00	2.00	H743723	0.0634	0.052	168	1025	0.007	0.250	117	2680	2.97
230.00	232.00	2.00	H743724	0.0483	0.035	139	1025	0.005	0.250	116	2720	
232.00	234.00	2.00	H743725	0.0452	0.032	139	1095	0.005	0.250	122	2790	
234.00	236.00	2.00	H743726	0.0558	0.042	148	1125	0.006	0.250	116	3040	
236.00	238.00	2.00	H743727	0.0673	0.042	165	1130	0.007	0.250	117	3290	
238.00	240.00	2.00	H743728	0.0472	0.034	121	1040	0.006	0.250	117	2770	2.97

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology From m	To m	Code	Rock description
187.40	282.30	Mgm	Gabbro - Melanocratic

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Magsus	Sulphide %	Cpy %	Po %	Py %
240.00	242.00	2.00	H743729	0.0330	0.020	106	1060	0.005	0.250	120	2650			2.6	0.1	0.5	2.0
242.00	244.00	2.00	H743731	0.0442	0.033	124	1005	0.005	0.250	119	2540						
244.00	246.00	2.00	H743732	0.0377	0.028	116	979	0.005	0.250	119	2510			1.6	0.1	0.5	1.0
246.00	248.00	2.00	H743733	0.0298	0.022	104	998	0.005	0.250	118	2540			0.6		0.1	0.5
248.00	249.00	1.00	H743734	0.0331	0.022	97	1010	0.004	0.250	119	2600	2.97		2.5		2.0	0.5
249.00	251.00	2.00	H743735	0.0382	0.028	106	1065	0.005	0.250	121	2780			1.9	0.1	0.9	0.9
251.00	253.00	2.00	H743736	0.0496	0.037	124	1050	0.006	0.250	116	2630			0.6		0.5	0.1
253.00	254.00	1.00	H743737	0.0350	0.024	107	1025	0.005	0.250	119	2690			2.1		2.0	0.1
254.00	256.00	2.00	H743738	0.0463	0.033	124	1055	0.006	0.250	125	2550			0.5		0.5	
256.00	258.00	2.00	H743739	0.0297	0.019	92	987	0.005	0.250	122	2390			1.0		1.0	
258.00	260.00	2.00	H743741	0.0401	0.031	101	989	0.006	0.250	120	2320	2.98		0.5		0.5	
260.00	262.00	2.00	H743742	0.0306	0.020	102	1065	0.005	0.250	123	2520			2.5		2.0	0.5
262.00	264.00	2.00	H743743	0.0495	0.040	132	1075	0.006	0.250	123	2620			0.1		0.1	
264.00	266.00	2.00	H743744	0.0449	0.031	133	1090	0.006	0.250	124	2450						
266.00	268.00	2.00	H743745	0.0660	0.053	153	1090	0.008	0.250	120	2550			0.2	0.1	0.1	
268.00	269.00	1.00	H743746	0.0886	0.070	223	1115	0.009	0.250	119	2590	2.95		3.1	0.1	3.0	1.0
269.00	270.00	1.00	H743747	0.0882	0.070	243	1070	0.010	0.250	114	2510			1.6	0.1	0.5	
														3.6	0.1	3.0	0.5

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology From m	To m	Code	Rock description
187.40	282.30	Mgm	Gabbro - Melanocratic
282.30	282.45	Gr	Granite
282.45	291.45	Sps	Sandstone
291.45	292.80	Hr	Hybrid Classic Red
292.80	294.00	Hr	Hybrid Classic Red
294.00	298.25	Hr	Hybrid Classic Red
298.25	299.60	Sps	Sandstone
299.60	300.10	Hg	Hybrid Grey

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5		0.5	
2.1	0.1	2.0	
2.6	0.1	0.5	2.0
3.6	0.5	0.1	3.0
2.0	0.5	0.5	1.0
1.1	0.5	0.5	0.1
0.7	0.1	0.1	0.5
0.5			0.5
1.9			1.9
1.4			1.4
0.5			0.5
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
270.00	272.00	2.00	H743748	0.0633	0.049	174	1045	0.009	0.250	112	2420	
272.00	273.00	1.00	H743749	0.0521	0.038	159	1030	0.006	0.250	113	2570	
273.00	275.00	2.00	H743751	0.0838	0.064	189	1085	0.008	0.250	117	2500	
275.00	277.00	2.00	H743752	0.0755	0.060	212	1005	0.008	0.250	108	2500	
277.00	279.00	2.00	H743753	0.0585	0.043	187	984	0.007	0.250	106	2410	
279.00	281.00	2.00	H743754	0.0558	0.047	185	800	0.008	0.250	95	2060	2.89
281.00	282.30	1.30	H743755	0.2880	0.102	211	660	0.017	0.250	82	1520	
282.30	284.00	1.70	H743756	0.0075	0.006	49	69	0.003	0.250	18	111	
284.00	286.00	2.00	H743757	0.0019	0.002	22	84	0.002	0.250	24	130	
286.00	288.00	2.00	H743758	0.0024	0.002	20	81	0.002	0.250	24	125	
288.00	290.00	2.00	H743759	0.0016	0.001	73	89	0.002	0.250	26	131	2.76
290.00	291.45	1.45	H743760	0.0019	0.002	9	73	0.002	0.250	23	122	
291.45	292.80	1.35	H743761	0.0003	0.001	15	11	0.001	0.250	37	11	
292.80	294.25	1.45	H743762	0.0003	0.001	22	26	0.002	0.250	50	29	
294.25	296.25	2.00	H743763	0.0005	0.001	77	56	0.003	0.250	69	57	
296.25	298.25	2.00	H743764	0.0003	0.001	19	23	0.001	0.250	47	20	
298.25	299.60	1.35	H743765	0.0010	0.002	49	84	0.001	0.250	26	128	2.79
299.60	300.10	0.50	H743766	0.0003	0.001	33	18	0.001	0.250	36	16	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

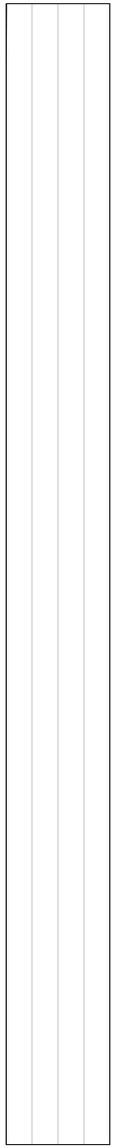
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

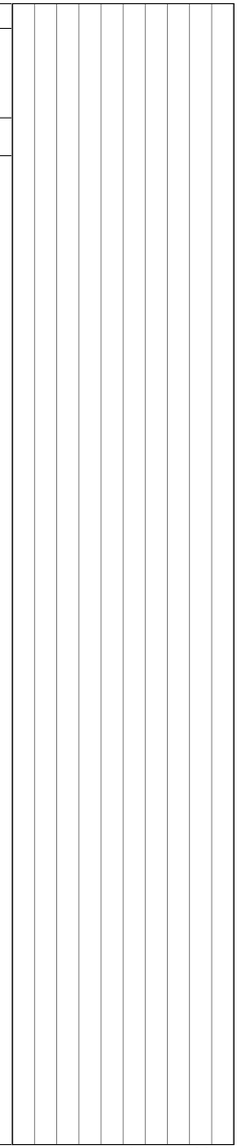
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

From m	To m	Code	Rock description
299.60	300.10	Sps	Hybrid Grey Sandstone
304.00	308.00	Fgr	Granite
308.00	331.00	Spt	Siltstone



From m	Sulphide %	Cpy %	Po %	Py %
299.60	1.0			1.0
300.10	0.5			0.5
308.00	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
299.60	300.10	0.50	H743766	0.0003	0.001	33	18	0.001	0.250	36	16	
300.10	303.00	2.90	H743767	0.0012	0.002	20	77	0.001	0.250	23	119	
303.00	304.00	1.00	H743768	0.0012	0.002	2	71	0.001	0.250	24	114	



Hole Number: BL09-149

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 13/09/2009
End Date: 16/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402550.51
Easting: 358702.14
Elevation: 482.52

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 331.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
308.00	331.00	Spt	Siltstone		0.5			0.5														

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
0.00	1.50	Ovg	Overburden - Glacial																			
1.50	5.00		Quartz monzonite																			
5.00	7.30		Quartz monzonite																			
7.30	17.00	Fgg	Quartz monzonite																			
17.00	18.25		Quartz monzonite																			
18.25	28.70		Quartz monzonite																			
28.70	30.00		Quartz monzonite																			

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
30.00	121.00	Fgr	Granite																			

30
35
40
45
50
55
60

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

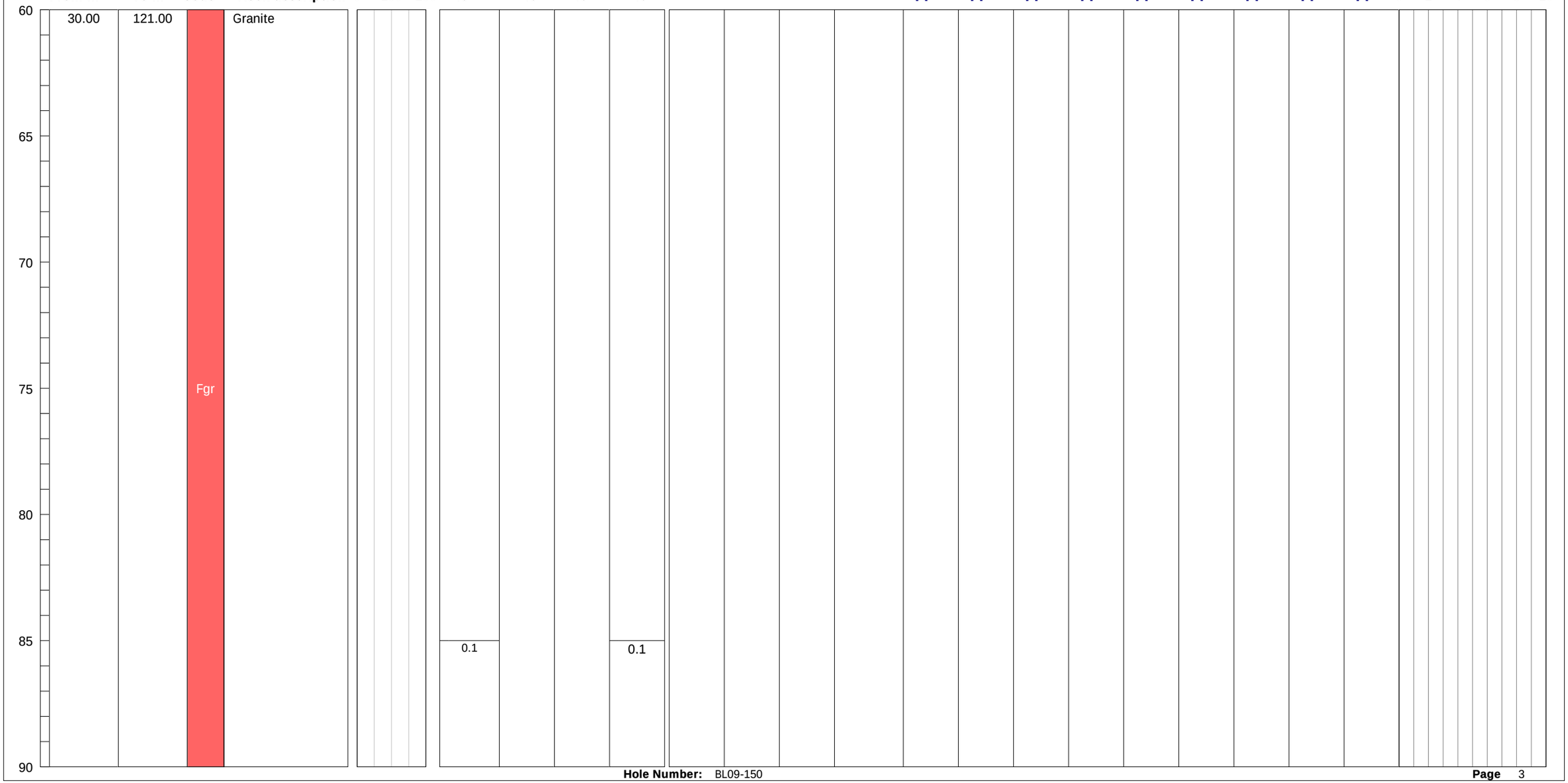
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology From m	To m	Code	Rock description
30.00	121.00	Fgr	Granite



From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

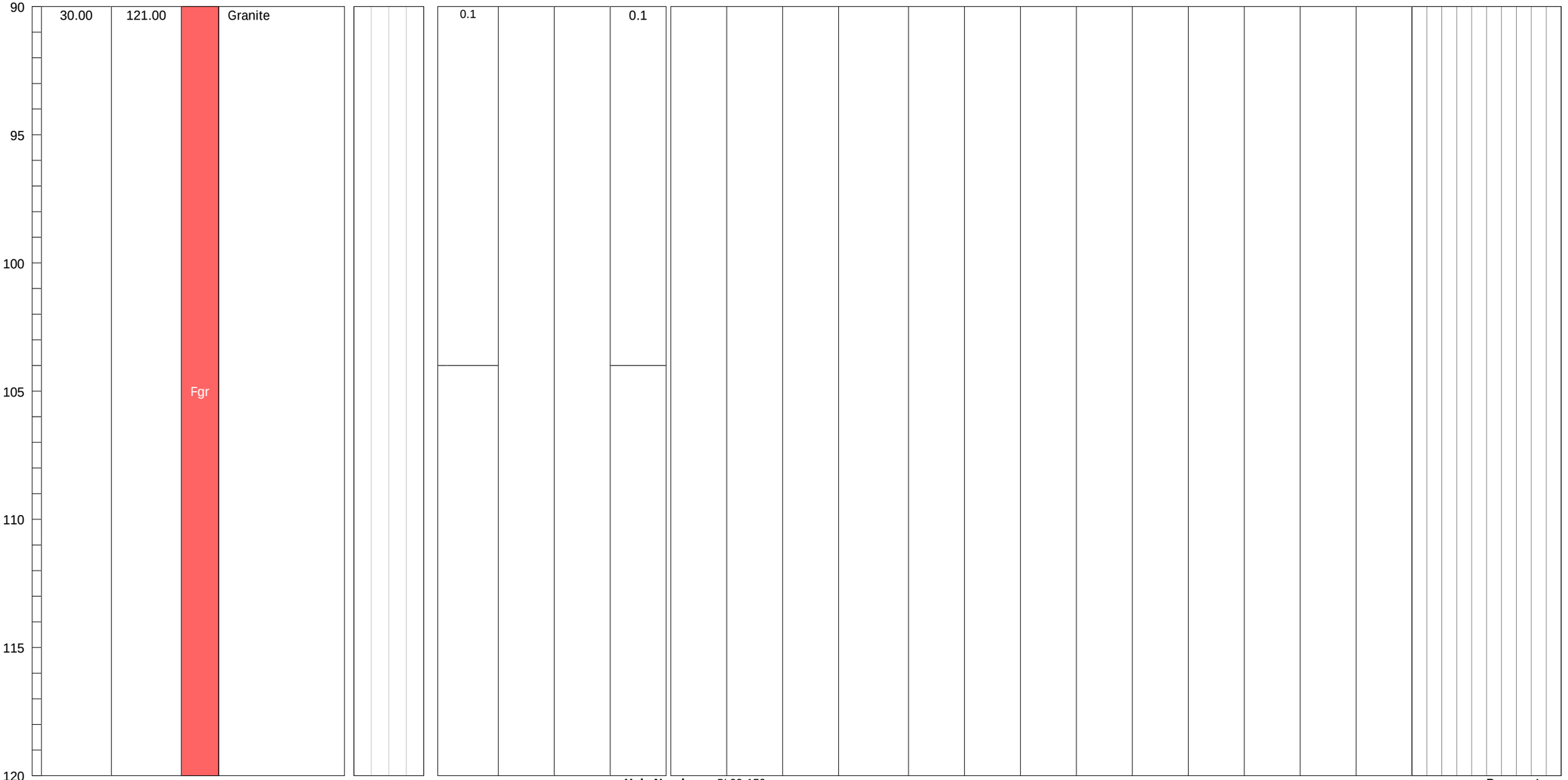
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology From m	To m	Code	Rock description
30.00	121.00	Fgr	Granite



Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology From m	To m	Code	Rock description
30.00	121.00	Fgr	Granite
121.00	122.80		Granite
122.80	123.20		Granodiorite
123.20	124.20		Granite
124.20	126.20		Granodiorite
126.20	126.80		Granite
126.80	141.00		Granodiorite
141.00	143.00		Granite
143.00	152.25		Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
143.00	152.25	Fgr	Granodiorite																			
152.25	154.85	Fgq	Quartz monzonite																			
154.85	156.40	Fgd	Granodiorite																			
156.40	157.60	Fgq	Quartz monzonite																			
157.60	170.75	Fgd	Granodiorite																			
170.75	171.80	Fgq	Quartz monzonite																			
171.80	174.00	Fgd	Granodiorite																			
174.00	176.65	Fgd	Granite																			
176.65	180.90	Fgd	Granodiorite																			

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
176.65	180.90	Fgd	Granodiorite																			
180.90	185.50	Fgd	Granite																			
185.50	186.60	Fgd	Granodiorite																			
186.60	188.60	Fgd	Granite																			
188.60	194.80	Fgd	Granodiorite																			
194.80	196.40	Fgd	Granite																			
196.40	197.60	Fgd	Granodiorite																			
197.60	199.10	Fgd	Granite																			
199.10	204.75	Fgd	Granodiorite		0.1			0.1														
204.75	238.60	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology From m	To m	Code	Rock description
204.75	238.60	Spt	Siltstone
238.60	240.85	Fgr	Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

From m	To m	Code	Rock description
238.60	240.85	Fgr	Granite
240.85	241.60	SSS	Sandstone to Siltstone
241.60	243.00	Fgr	Granite
243.00	243.20	Sns	Sandstone
243.20	243.45	Fgr	Granite
243.45	245.05	Fgr	Granodiorite
245.05	246.20	Fgr	Granite
246.20	252.00	Fgr	Granodiorite
252.00	253.00	Fgq	Quartz monzonite
253.00	253.80	Fgd	Granodiorite
253.80	256.00	Fgq	Quartz monzonite
256.00	263.10	Fgd	Granodiorite
263.10	263.60	Spt	Siltstone
263.60	270.00	Fgd	Granodiorite

From m	To m	Sulphide %	Cpy %	Po %	Py %
263.10	263.60	0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

From m	To m	Code	Rock description
270.00	270.55	Fgd	Quartz monzonite
270.55	280.10	Fgd	Granodiorite
280.10	281.35	Hg	Hybrid Grey
281.35	284.20	Fgd	Granodiorite
284.20	286.90	Hr	Hybrid Classic Red
286.90	291.25	Fg	Granite - Undifferentiated
291.25	291.90	Hg	Hybrid Grey
291.90	292.55	Fgd	Granodiorite
292.55	293.05	Hg	Hybrid Grey
293.05	297.85	Fgd	Granodiorite
297.85	298.80		Granodiorite
298.80	301.15		Granodiorite

From m	To m	Sulphide %	Cpy %	Po %	Py %
278.00	280.10	0.1			
280.10	281.35	0.1			0.1
284.20	286.90	0.5			0.5
291.25	291.90	0.1			0.1
292.55	293.05	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
276.00	278.00	2.00	H743769	0.0003	0.001	3	3	0.001	0.250	1	10	
278.00	280.10	2.10	H743771	0.0003	0.001	7	4	0.001	0.250	2	13	
280.10	281.35	1.25	H743772	0.0003	0.001	28	17	0.001	0.250	38	15	2.73
281.35	283.00	1.65	H743773	0.0003	0.001	5	1	0.001	0.250	2	12	
283.00	284.20	1.20	H743774	0.0003	0.001	10	1	0.001	0.250	2	10	
284.20	285.50	1.30	H743775	0.0003	0.001	12	14	0.035	0.250	35	8	
285.50	286.90	1.40	H743776	0.0003	0.001	65	20	0.001	0.250	39	12	
286.90	288.50	1.60	H743777	0.0003	0.001	8	2	0.001	0.250	7	8	
288.50	289.65	1.15	H743778	0.0003	0.001	6	6	0.001	0.250	15	6	
289.65	291.25	1.60	H743779	0.0003	0.001	10	1	0.001	0.250	2	7	2.59
291.25	291.90	0.65	H743781	0.0003	0.001	19	14	0.001	0.250	41	8	
291.90	292.55	0.65	H743782	0.0003	0.001	3	1	0.001	0.250	1	11	
292.55	293.05	0.50	H743783	0.0003	0.001	4	14	0.001	0.250	31	10	
293.05	295.00	1.95	H743784	0.0003	0.001	2	1	0.001	0.250	1	9	
295.00	297.00	2.00	H743785	0.0003	0.001	1	1	0.001	0.250	1	9	

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval Sample		Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
298.80	301.15	Fgd	Granodiorite																			
301.15	301.80		Granodiorite																			
301.80	313.70		Granodiorite		0.1																	
313.70	314.00		Granodiorite																			
314.00	321.30		Granodiorite																			
321.30	334.00	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-150

Project: TBN
Claim #: 4210157
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 17/09/2009
End Date: 20/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.50
Easting: 358701.12
Elevation: 483.20

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 334.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
321.30	334.00	Spt	Siltstone		0.1			0.1														

330
335
340
345
350
355
360

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.30	Ovg	Overburden - Glacial																			
1.30	2.15	Fgr	Granite																			
2.15	4.40	Fgq	Quartz monzonite																			
4.40	12.00	Fgr	Granite																			
12.00	13.10	Fgq	Quartz monzonite																			
13.10	33.00	Fgd	Granodiorite																			

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology From m	To m	Code	Rock description
13.10	33.00	Fgd	Granodiorite
33.00	70.00	Fgd	Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology From m	To m	Code	Rock description
33.00	70.00	Fgd	Granodiorite
70.00	106.50	Fgd	Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

0.1 (Sulphide %)
0.1 (Py %)

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology From m	To m	Code	Rock description
70.00	106.50	Fgd	Granodiorite
106.50	108.00		Granite
108.00	113.80		Granodiorite
113.80	114.70	Fgq	Quartz monzonite
114.70	144.85	Fgr	Granite

Magsus 0 100 200

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Sulphide %	Cpy %	Po %	Py %

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology From m	To m	Code	Rock description
114.70	144.85	Fgr	Granite
144.85	146.20		Granite
146.20	152.80		Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H743787	0.0003	0.003	5	27	0.001	0.250	2	44	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology From m	To m	Code	Rock description
146.20	152.80	Fgr	Granite
152.80	153.15	Hr	Hybrid Classic Red
153.15	172.20	Mgm	Gabbro - Melanocratic
172.20	172.90	Mgvt	Gabbro - VariTextured
172.90	173.60	Mgm	
173.60	174.60	Fg	Gabbro - Melanocratic
174.60	183.75	Mgm	Granite - Undifferentiated / Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
4.5	1.0	0.5	3.0
2.0	0.5	0.5	1.0
3.0	0.5	0.5	2.0
1.1	0.1	0.5	0.5
0.7	0.1	0.5	0.1
1.0	0.5	0.5	
6.0	1.0	5.0	2.0
			3.1
			5.1
3.4	0.5	0.9	2.1
4.5	0.9	0.5	1.1
6.5	0.9	0.5	
5.0	0.9	2.0	3.1
2.9	0.9	0.9	
			2.1
4.9	0.9	0.9	
			1.1
3.5	0.9	0.5	
			2.1
2.1	0.5	0.5	7.1
			3.1
3.5	0.5	0.9	5.1
10.1	2.0	1.0	
4.1	0.5	0.5	5.1
7.0	1.0	0.9	5.1
47.0	11.0	30.9	5.1
7.0	1.0	0.9	3.1
10.1	2.0	3.0	15.1
4.5	0.9	0.5	0.6
19.1	3.0	1.0	
23.6	3.0	20.0	0.6
1.6	0.5	0.5	3.6
16.6	2.5	10.5	0.6
1.6	0.5	0.5	1.0
2.8	0.9	0.9	1.1
2.5	0.5	0.9	2.1
3.6	0.5	1.0	3.1
5.6	0.5	2.0	5.1
11.1	1.0	5.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H743787	0.0003	0.003	5	27	0.001	0.250	2	44	
151.00	152.80	1.80	H743788	0.0019	0.002	5	7	0.001	0.250	3	10	2.58
152.80	153.15	0.35	H743789	0.5540	0.488	653	378	0.026	0.250	51	364	
153.15	154.25	1.10	H743790	0.2130	0.194	559	659	0.013	0.250	80	1240	
154.25	156.00	1.75	H743791	0.0952	0.084	271	682	0.007	0.250	88	1330	
156.00	158.00	2.00	H743792	0.0728	0.062	179	868	0.005	0.250	98	1750	
158.00	160.00	2.00	H743793	0.0592	0.053	159	921	0.004	0.250	103	2180	
160.00	162.00	2.00	H743794	0.0518	0.043	159	927	0.004	0.250	105	2260	
162.00	163.00	1.00	H743795	1.8800	1.720	3330	2520	0.100	1.700	161	2060	2.97
163.00	164.00	1.00	H743796	1.3800	1.220	2410	1795	0.080	1.200	130	2150	2.97
164.00	165.00	1.00	H743797	1.9300	1.740	3810	2590	0.110	1.700	158	2130	2.94
165.00	166.00	1.00	H743798	1.4600	1.260	2810	1920	0.090	1.700	128	2030	2.96
166.00	167.00	1.00	H743799	0.2810	0.259	616	1050	0.019	0.250	101	2150	2.86
167.00	168.00	1.00	H743801	1.8500	1.610	3400	1950	0.120	1.700	128	2050	2.92
168.00	169.00	1.00	H743802	1.1800	1.030	2210	1560	0.070	1.700	115	2080	2.92
169.00	170.00	1.00	H743803	0.1470	0.123	379	996	0.010	0.250	104	2390	2.88
170.00	171.00	1.00	H743804	0.9780	0.941	2150	1860	0.057	0.900	132	2220	2.83
171.00	171.60	0.60	H743805	2.1300	1.940	4450	2620	0.130	1.800	159	2080	2.97
171.60	172.20	0.60	H743806	2.9800	3.070	6930	4720	0.120	4.700	216	1790	2.81
172.20	172.90	0.70	H743807	5.0800	4.530	9480	3850	0.360	30.300	147	129	
172.90	173.60	0.70	H743808	4.1800	4.160	9240	4760	0.220	7.300	206	1640	
173.60	174.10	0.50	H743809	1.2600	1.050	2400	485	0.130	0.500	13	14	2.65
174.10	174.60	0.50	H743811	1.7500	1.490	3070	2350	0.050	1.000	75	26	2.76
174.60	176.00	1.40	H743812	0.5970	0.407	1275	1040	0.055	0.500	109	2320	2.76
176.00	177.00	1.00	H743813	0.0634	0.059	268	1130	0.005	0.250	119	2490	2.86
177.00	178.00	1.00	H743814	0.1230	0.120	558	1240	0.010	0.250	127	2790	2.82
178.00	179.00	1.00	H743815	0.1800	0.166	732	1370	0.015	0.250	125	2660	2.91
179.00	180.00	1.00	H743816	0.1790	0.168	834	1250	0.018	0.500	131	2790	2.89

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology From m	To m	Code	Rock description
174.60	183.75	Mgm	Gabbro - Melanocratic
183.75	184.15	Hg	Hybrid Grey
184.15	213.65	Fgr	Granite

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
174.60	183.75	11.1	1.0	5.0	5.1
183.75	184.15	2.0	0.5	0.5	1.0
184.15	213.65	2.1	0.5	0.5	1.1
		1.6	0.5	0.5	0.6
		3.6	2.5	0.5	0.6
		1.6	0.5	0.5	0.6
		2.1	0.5	0.5	1.1
		5.1			5.1
		1.1			1.1
		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	181.00	1.00	H743817	0.4950	0.456	1980	1215	0.059	1.300	138	1530	3.00
181.00	182.00	1.00	H743818	0.2190	0.145	453	664	0.016	0.700	101	1210	2.90
182.00	183.00	1.00	H743819	0.3250	0.219	535	616	0.026	0.700	102	1000	
183.00	183.75	0.75	H743821	0.0063	0.006	84	438	0.001	0.250	97	714	
183.75	184.15	0.40	H743822	0.0021	0.001	98	87	0.001	0.250	61	96	
184.15	186.15	2.00	H743823	0.0015	0.001	3	2	0.001	0.250	2	12	
186.15	188.15	2.00	H743824	0.0005	0.001	3	1	0.001	0.250	2	8	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-151

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 21/09/2009
End Date: 23/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.54
Easting: 357885.37
Elevation: 511.97

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 232.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
184.15	213.65	Fgr	Granite		0.1			0.1
213.65	217.20		Granite					
217.20	220.40		Granite					
220.40	221.10	Spt	Siltstone					
221.10	232.00	Fgr	Granite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

From m	To m	Code	Rock description
0.00	1.40	Ovg	Overburden - Glacial
1.40	3.90	Fgr	Granite
3.90	4.70	Fgq	Quartz monzonite
4.70	13.20	Fgr	Granite
13.20	14.00	Fgq	Quartz monzonite
14.00	16.80	Fgr	Granite
16.80	19.15	Fgq	Quartz monzonite
19.15	20.90	Fgr	Granite
20.90	22.00	Fgq	Quartz monzonite
22.00	24.00	Fgr	Granite
24.00	25.60	Fgq	Quartz monzonite
25.60	28.40	Fgr	Granite
28.40	29.10	Fgq	Quartz monzonite
29.10	81.70	Fgr	Granite

Lithology

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
29.10	81.70	Fgr	Granite																			

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
29.10	81.70	Fgr	Granite					
81.70	82.45	Fgq	Quartz monzonite		0.1			0.1
82.45	108.10	Fgr	Granite					

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

From m	To m	Code	Rock description
82.45	108.10	Fgr	Granite
108.10	108.80	Fgq	Quartz monzonite
108.80	111.35	Fgr	Granite
111.35	112.15	Fgq	Quartz monzonite
112.15	117.00	Fgr	Granite
117.00	120.40	Fgq	Quartz monzonite

Lithology
Magsus (0 100 200)
Sulphide %
Cpy %
Po %
Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

Lithology From m	Lithology To m	Lithology Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
117.00	120.40	Fgb	Quartz monzonite																			
120.40	180.00	Fgr	Granite																			
					0.1			0.1														

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
120.40	180.00	Fgr	Granite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
176.00	178.00	2.00	H743825	0.0019	0.002	8	7	0.001	0.250	2	11	2.63	
178.00	180.00	2.00	H743826	0.0006	0.001	28	45	0.002	0.250	4	12		

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

Lithology From m	To m	Code	Rock description
180.00	182.50	Hg	Hybrid Grey
182.50	186.00	Hg	Hybrid Grey
186.00	231.00	Fgr	Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
2.5			2.5
1.5			1.5
3.5			3.5
2.5			2.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	182.00	2.00	H743827	0.0015	0.002	160	119	0.004	0.250	50	33	
182.00	184.00	2.00	H743828	0.0013	0.002	46	73	0.002	0.250	76	57	
184.00	186.00	2.00	H743829	0.0006	0.001	35	25	0.001	0.250	47	15	
186.00	188.00	2.00	H743831	0.0006	0.001	3	3	0.001	0.250	1	9	2.59
188.00	190.00	2.00	H743832	0.0009	0.001	3	1	0.001	0.250	2	12	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-152

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/09/2009
End Date: 26/09/2009

Magma Metals (Canada) Ltd.

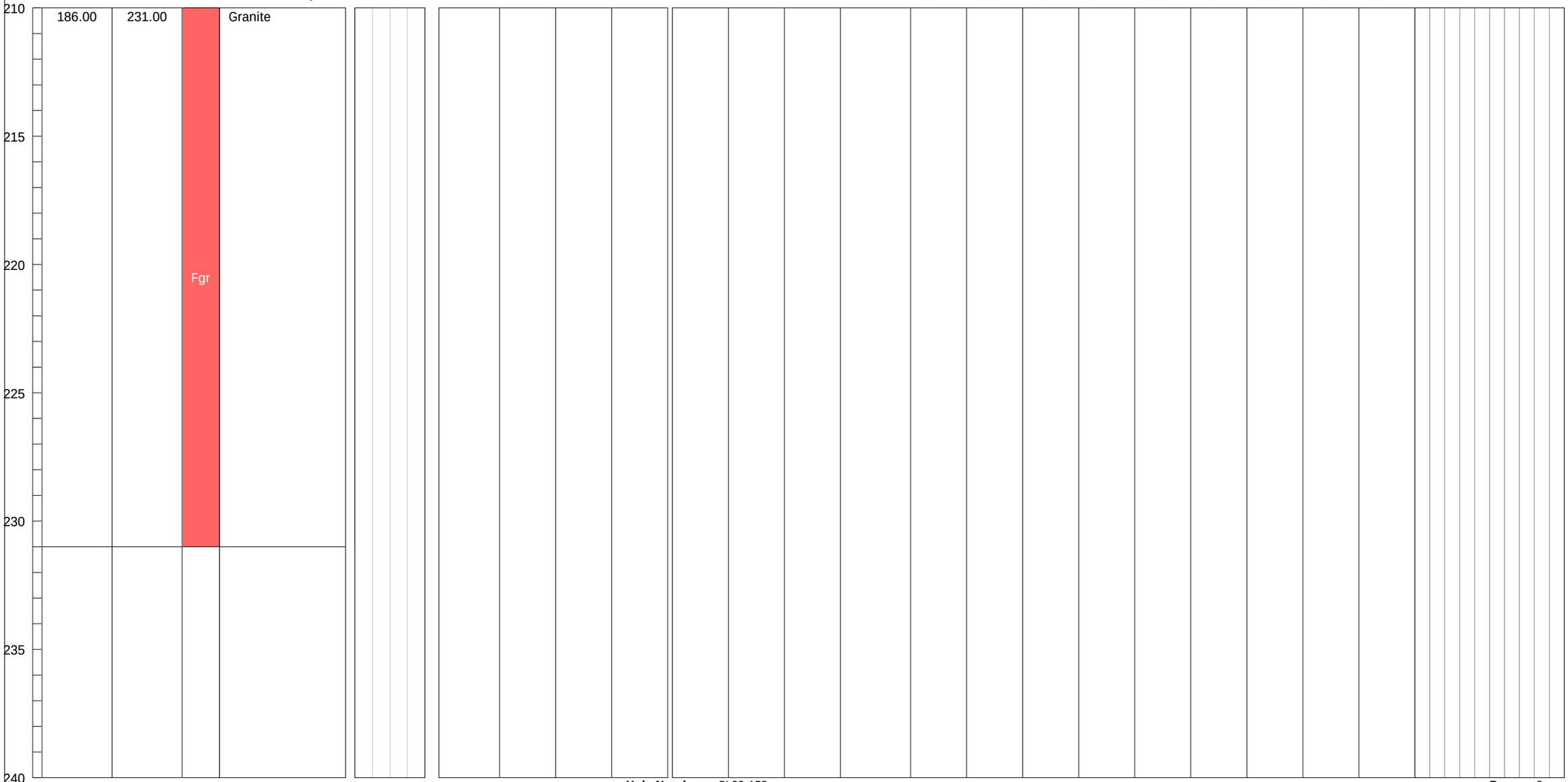
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402538.22
Easting: 357894.84
Elevation: 511.87

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 231.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
186.00	231.00	Fgr	Granite																			



Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

Lithology From m	To m	Code	Rock description
0.00	1.20	Ovg	Overburden - Glacial
1.20	119.90	Fgr	Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.20	119.90	Fgr	Granite																			

Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.20	119.90	Fgr	Granite																			

Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.20	119.90	Fgr	Granite																			
119.90	121.40		Quartz monzonite																			

Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

Lithology From m	To m	Code	Rock description
119.90	121.40	Fgq	Quartz monzonite
121.40	140.30	Fgr	Granite
140.30	151.40	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
1.4			1.4
0.5			0.5
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
147.40	149.40	2.00	H743833	0.0016	0.002	71	52	0.003	0.250	18	122	2.72
149.40	151.40	2.00	H743834	0.0022	0.003	107	80	0.002	0.250	25	123	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

From m	To m	Code	Rock description
140.30	151.40	Spt	Siltstone
151.40	153.15	Hr	Hybrid Classic Red
153.15	153.65	Hg	Hybrid Grey
153.65	154.50	Hr	Hybrid Classic Red
154.50	178.00	Mgm	Gabbro - Melanocratic
178.00	180.10	Spt	Siltstone

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
140.30	151.40	1.0			1.0
151.40	153.15	3.5			3.5
153.15	153.65	2.5			2.5
153.65	154.50	2.4	0.5	0.9	1.0
154.50	156.00	1.5	0.5	0.5	0.5
156.00	157.00	3.5	1.0	2.0	0.5
157.00	158.00	4.5	1.0	3.0	0.5
158.00	159.00	13.0	3.0	10.0	
159.00	160.00	15.0	5.0	10.0	
160.00	161.00	20.0	10.0	10.0	
161.00	162.00	23.0	7.0	15.5	0.5
162.00	163.00	17.5	7.0	10.5	
163.00	164.00	22.5	7.0	15.5	5.0
164.00	165.00	26.5	8.0	18.5	
165.00	166.00	22.5	7.0	15.5	
166.00	167.00	17.5	5.0	7.5	
167.00	168.00	10.5	3.0	7.5	
168.00	169.00	15.5	3.0	5.5	7.0
169.00	170.00	16.5	3.0	6.5	7.0
170.00	171.00	15.5	3.0	5.5	7.0
171.00	172.00	15.0	3.0	5.0	7.0
172.00	173.00	5.0	1.0	2.0	2.0
173.00	174.00				
174.00	175.00				
175.00	176.00				
176.00	177.00				
177.00	178.00				
178.00	180.10	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.40	151.40	2.00	H743834	0.0022	0.003	107	80	0.002	0.250	25	123	
151.40	153.00	1.60	H743835	0.0334	0.026	32	94	0.004	0.250	20	203	
153.00	154.50	1.50	H743836	0.0253	0.020	192	101	0.003	0.250	35	149	
154.50	156.00	1.50	H743837	0.2090	0.192	546	931	0.017	0.250	98	1840	
156.00	157.00	1.00	H743838	0.2240	0.205	601	1080	0.016	0.500	111	1990	
157.00	158.00	1.00	H743839	0.4850	0.444	1230	1220	0.035	0.900	108	1880	2.88
158.00	159.00	1.00	H743841	0.6430	0.638	1610	1660	0.037	0.700	126	1970	2.90
159.00	160.00	1.00	H743842	2.3400	2.260	6170	4610	0.120	3.000	259	1800	3.01
160.00	161.00	1.00	H743843	3.0600	2.810	7500	4040	0.170	4.200	211	2630	3.04
161.00	162.00	1.00	H743844	4.5900	4.110	9150	3440	0.300	7.300	187	2770	3.03
162.00	163.00	1.00	H743845	6.5200	5.710	13000	3410	0.460	11.300	177	2550	2.90
163.00	164.00	1.00	H743846	4.2900	3.940	10050	5820	0.200	5.400	273	2610	2.95
164.00	165.00	1.00	H743847	5.4700	5.170	13350	7440	0.240	6.200	329	2660	3.02
165.00	166.00	1.00	H743848	7.7000	6.900	17600	8130	0.580	16.100	350	2900	3.04
166.00	167.00	1.00	H743849	2.8600	2.700	8620	4530	0.190	5.100	253	2860	2.94
167.00	168.00	1.00	H743851	3.1600	2.880	8870	4530	0.200	5.300	244	2810	2.96
168.00	169.00	1.00	H743852	2.5600	2.300	7020	3290	0.180	4.600	201	3070	2.93
169.00	170.00	1.00	H743853	1.8100	1.630	4780	2500	0.130	3.100	165	2460	2.87
170.00	171.00	1.00	H743854	2.7500	2.360	7430	3260	0.210	5.100	194	2550	2.90
171.00	172.00	1.00	H743855	1.5800	1.450	4370	2210	0.130	2.800	151	2450	2.87
172.00	173.00	1.00	H743856	0.3960	0.388	1045	1395	0.030	0.600	121	2250	2.87
173.00	174.00	1.00	H743857	0.5840	0.564	1790	1720	0.045	1.200	141	2290	2.88
174.00	175.00	1.00	H743858	0.1310	0.121	509	1115	0.012	0.250	117	2530	2.96
175.00	176.00	1.00	H743859	0.3460	0.289	1015	1235	0.026	0.500	125	2330	2.93
176.00	177.00	1.00	H743861	0.5440	0.466	1515	1100	0.057	1.100	114	2310	2.87
177.00	178.00	1.00	H743862	0.1880	0.155	599	1000	0.021	0.250	110	2050	2.83
178.00	180.10	2.10	H743863	0.0318	0.024	104	105	0.006	0.250	34	105	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
178.00	180.10		Siltstone		0.1			0.1
180.10	183.40	Hg	Hybrid Grey					
183.40	184.30	Fgr	Granite					
184.30	186.00	Spt	Siltstone					
186.00	187.50	Fgr	Granite					
187.50	202.30	Spt	Siltstone					
202.30	208.90	Fgd	Granodiorite					
208.90	210.20	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
178.00	180.10	2.10	H743863	0.0318	0.024	104	105	0.006	0.250	34	105		
180.10	181.70	1.60	H743864	0.0036	0.003	36	24	0.001	0.250	43	15		
181.70	183.40	1.70	H743865	0.0016	0.001	33	24	0.001	0.250	46	14		
183.40	184.30	0.90	H743866	0.0015	0.001	7	5	0.002	0.250	1	9		
184.30	186.00	1.70	H743867	0.0024	0.002	48	84	0.001	0.250	26	122		
186.00	187.50	1.50	H743868	0.0043	0.004	32	25	0.002	0.250	9	30	2.70	

Hole Number: BL09-153

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/09/2009
End Date: 28/09/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.86
Easting: 357875.84
Elevation: 510.98

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 234.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
208.90	210.20	Spt	Siltstone		0.1			0.1														
210.20	217.00	Fgd	Granodiorite																			
217.00	227.70	Spt	Siltstone																			
227.70	231.10	Fgd	Granodiorite																			
231.10	231.80	Spt	Siltstone																			
231.80	234.00	Fgd	Granodiorite																			

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

From m	To m	Code	Rock description
0.00	1.75	Ovg	Overburden - Glacial
1.75	4.45	Fgd	Granodiorite
4.45	10.20	Spt	Siltstone
10.20	11.40	Fgd	Granodiorite
11.40	13.00	Spt	Siltstone
13.00	14.95	Fgd	Granodiorite
14.95	15.50	Spt	Siltstone
15.50	17.40	Fgd	Granodiorite
17.40	23.10	Spt	Siltstone
23.10	26.35	Fgd	Granodiorite
26.35	29.30	Spt	Siltstone
29.30	30.50	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2	0.1		0.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

From m	To m	Code	Rock description
29.30	30.50	Fgd	Granodiorite
30.50	32.85	Spt	Siltstone
32.85	35.85	Fgd	Granodiorite
35.85	43.00	Spt	Siltstone
43.00	45.00	Fgr	Granite
45.00	47.60	Spt	Siltstone
47.60	51.00	Fgd	Granodiorite
51.00	57.00	Spt	Siltstone
57.00	93.30	Spt	Sandstone to Siltstone

From m	To m	Sulphide %	Cpy %	Po %	Py %
35.85	43.00	0.1			0.1
43.00	45.00				
45.00	47.60	0.1			0.1
47.60	51.00				
51.00	57.00	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
57.00	93.30	Spt	Sandstone to Siltstone		0.1			0.1														

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
57.00	93.30	Spt	Sandstone to Siltstone		0.1			0.1
93.30	95.85	Fgd	Granodiorite					
95.85	102.50	SSS	Sandstone to Siltstone					
102.50	110.40	Fgd	Granodiorite					
110.40	119.30	Spt	Siltstone		0.5			0.5
119.30	120.70	Fg	Granite - Undifferentiated					

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
119.30	120.70	Fg	Granite - Undifferentiated
120.70	121.50	Spt	Siltstone
121.50	123.00	Fg	Granite - Undifferentiated
123.00	124.20	Spt	Siltstone
124.20	128.20	Fgr	Granite
128.20	128.90	Spt	Siltstone
128.90	131.25	Fgr	Granite
131.25	146.90	Spt	Siltstone
146.90	151.40	Hb	Hybrid Classic Red

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1			0.1
0.5			0.5
1.0			1.0
1.5			1.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
143.00	145.00	2.00	H743869	0.0016	0.002	59	67	0.001	0.250	23	124	2.73
145.00	146.90	1.90	H743870	0.0024	0.002	25	56	0.001	0.250	19	104	
146.90	149.15	2.25	H743871	0.0474	0.047	56	67	0.004	0.250	16	118	
149.15	151.40	2.25	H743872	0.0715	0.063	150	106	0.004	0.600	28	187	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
146.90	151.40	Hr	Hybrid Classic Red
151.40	164.05	Mgm	Gabbro - Melanocratic
164.05	164.95	Hg	Hybrid Grey
164.95	173.10	Spt	Siltstone
173.10	175.75	Fgr	Granite
175.75	178.15	Spt	Siltstone
178.15	180.00	Hg	Hybrid Grey

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5			1.5
3.5	0.5	0.9	2.1
2.0	0.5	0.9	0.6
2.9	0.9	1.0	1.0
3.1	0.5	0.5	2.1
5.0	0.9	2.0	2.1
4.9	0.9	2.0	2.0
2.3	0.5	0.9	0.9
2.0	0.5	0.5	1.0
1.5	0.5	0.5	0.5
3.8	0.9	2.0	0.9
2.1			2.1
0.1			0.1
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.15	151.40	2.25	H743872	0.0715	0.063	150	106	0.004	0.600	28	187	
151.40	153.00	1.60	H743873	0.3600	0.345	794	1010	0.022	0.900	102	1590	
153.00	154.00	1.00	H743875	0.4510	0.454	1040	1260	0.032	1.100	119	2000	2.88
154.00	155.00	1.00	H743876	0.1780	0.169	409	888	0.013	0.500	98	1830	
155.00	156.00	1.00	H743877	0.3370	0.344	781	996	0.025	0.800	99	1560	
156.00	157.00	1.00	H743878	0.6680	0.657	1400	1240	0.048	1.500	103	1760	
157.00	158.00	1.00	H743879	1.4300	1.380	3140	2430	0.080	2.700	163	1880	
158.00	159.00	1.00	H743880	0.8310	0.830	2010	1490	0.062	1.800	125	2060	
159.00	160.00	1.00	H743881	0.2660	0.261	834	1280	0.022	0.800	125	2210	
160.00	161.00	1.00	H743882	0.1640	0.159	432	1110	0.013	0.600	117	2170	
161.00	162.00	1.00	H743883	0.1710	0.166	541	1110	0.011	0.800	118	2310	
162.00	163.00	1.00	H743885	0.0992	0.089	347	1080	0.006	0.500	114	2510	
163.00	164.05	1.05	H743886	0.3310	0.329	1070	1520	0.022	1.100	126	2300	2.89
164.05	164.95	0.90	H743887	0.2180	0.217	717	342	0.016	1.200	62	58	
164.95	167.00	2.05	H743888	0.0028	0.003	58	85	0.003	0.600	28	177	
167.00	169.00	2.00	H743889	0.0031	0.003	81	71	0.001	0.250	22	116	
169.00	171.00	2.00	H743890	0.0019	0.002	70	67	0.008	0.250	23	117	
171.00	173.10	2.10	H743891	0.0016	0.001	53	61	0.001	0.250	19	107	
173.10	175.75	2.65	H743892	0.0005	0.001	5	8	0.001	0.250	4	24	2.60
175.75	178.15	2.40	H743893	0.0018	0.002	12	76	0.001	0.250	21	121	
178.15	180.00	1.85	H743895	0.0003	0.001	32	22	0.001	0.700	43	13	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology From m	To m	Code	Rock description
180.00	193.90	Spt	Siltstone
193.90	197.45	Fgd	Granodiorite
197.45	213.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.7		0.1	0.6
1.2		0.6	0.6
0.7		0.1	0.6

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
180.00	183.00	3.00	H743896	0.0015	0.001	17	69	0.001	0.250	19	111	
183.00	185.00	2.00	H743897	0.0009	0.001	116	67	0.002	0.800	26	113	2.80

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-154

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/09/2009
End Date: 01/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.65
Easting: 357865.37
Elevation: 508.54

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 213.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
197.45	213.00	Spt	Siltstone		0.6			0.6														

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	1.30	Ovg	Overburden - Glacial					
1.30	127.65	Fgr	Granite		0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.30	127.65	Fgr	Granite		0.1			0.1														

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.30	127.65	Fgr	Granite		0.1			0.1														

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
1.30	127.65	Fgr	Granite		0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
1.30	127.65	Fgr	Granite
127.65	128.00	Hr	Hybrid Classic Red
128.00	129.90	Hg	Hybrid Grey
129.90	175.65	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
3.1			3.1
10.1			10.1
7.1			7.1
0.1	0.1	0.1	0.1
1.2			1.0
1.6	0.5	0.9	0.2
0.8	0.1	0.5	0.2
0.3	0.1	0.1	0.1
1.1	0.5	0.5	0.1
2.6	0.5	1.0	1.1
6.2	0.1	3.0	3.1
5.2	0.1	2.0	3.1
1.7	0.1	1.0	0.6
1.1	0.5	0.5	0.1
1.6	0.5	0.9	0.2
4.2	1.0	3.0	0.2
4.6	1.0	3.0	0.6
7.0	0.9	3.0	3.1
5.0	1.0	3.0	1.0
1.6	0.5	0.9	0.2
2.1	0.9	1.0	0.2
4.6	1.0	3.0	0.6

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
123.65	125.65	2.00	H743898	0.0238	0.020	66	25	0.003	0.500	1	9	2.63
125.65	127.65	2.00	H743899	0.0137	0.009	33	17	0.002	0.250	2	10	
127.65	129.00	1.35	H743900	0.0118	0.006	125	87	0.004	0.250	37	149	
129.00	129.90	0.90	H743901	0.0396	0.026	193	179	0.005	0.250	44	929	
129.90	132.00	2.10	H743902	0.1050	0.092	349	720	0.009	0.250	95	1285	
132.00	134.00	2.00	H743903	0.0463	0.037	186	800	0.005	0.250	101	1640	
134.00	136.00	2.00	H743904	0.0617	0.048	239	861	0.005	0.250	105	1820	2.86
136.00	137.00	1.00	H743905	0.0499	0.039	193	878	0.004	0.250	108	1880	
137.00	138.00	1.00	H743906	0.0538	0.039	194	894	0.004	0.250	109	1935	
138.00	140.00	2.00	H743907	0.0837	0.072	293	962	0.007	0.250	114	1995	
140.00	141.00	1.00	H743908	0.3970	0.355	1090	1220	0.024	0.800	128	2030	
141.00	142.00	1.00	H743909	0.4760	0.420	1290	1310	0.031	0.800	129	2070	
142.00	143.00	1.00	H743911	0.8640	0.804	2430	1600	0.053	1.500	144	2010	
143.00	144.00	1.00	H743912	0.8590	0.765	2350	1520	0.047	1.800	138	1990	
144.00	145.00	1.00	H743913	0.1230	0.105	346	951	0.007	0.250	112	2010	2.90
145.00	146.00	1.00	H743914	0.3290	0.285	834	1150	0.028	0.500	120	2160	
146.00	147.00	1.00	H743915	0.6760	0.592	1660	1420	0.046	1.100	131	2190	
147.00	148.00	1.00	H743916	0.6830	0.596	1680	1340	0.044	1.400	125	2090	
148.00	149.00	1.00	H743917	0.7610	0.658	1840	1320	0.046	1.400	124	2030	
149.00	150.00	1.00	H743918	0.7150	0.617	1820	1370	0.046	1.400	131	1995	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
129.90	175.65	Mgm	Gabbro - Melanocratic
175.65	177.20	Hr	Hybrid Classic Red
177.20	178.65	Hg	Hybrid Grey
178.65	205.00	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
4.6	1.0	3.0	0.6
3.1	0.5	2.0	0.6
7.6	0.5	2.0	5.1
2.1	0.5	1.0	0.6
2.0	0.5	1.0	0.5
1.5	0.5	0.5	0.5
1.4	0.5	0.9	
4.5	1.0	3.0	0.5
10.0	5.0	5.0	
27.5	7.0	20.0	0.5
13.0	3.0	10.0	
15.0	5.0	10.0	
16.0	5.5	10.5	
21.0	5.5	15.5	
26.0	5.5	20.5	
25.0	5.0	20.0	
22.0	5.0	15.0	2.0
19.0	7.0	2.0	10.0
12.0	5.0	2.0	5.0
12.1	5.0	2.0	5.1
2.1	0.5	0.5	1.1
5.1	0.5	0.5	4.1
2.1	0.5	0.5	1.1
1.0			1.0
7.1			7.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	151.00	1.00	H743919	0.3370	0.303	958	1170	0.018	0.800	125	2130	
151.00	152.00	1.00	H743921	0.3730	0.321	865	1040	0.024	0.700	111	1890	
152.00	154.00	2.00	H743922	0.3090	0.271	746	1030	0.019	0.500	111	2060	
154.00	155.00	1.00	H743923	0.1690	0.146	453	936	0.015	0.250	106	2200	2.92
155.00	156.00	1.00	H743924	2.7300	2.550	6740	3200	0.190	4.700	195	2490	2.96
156.00	156.50	0.50	H743925	1.2800	1.230	3040	1720	0.090	2.200	132	2250	2.96
156.50	157.00	0.50	H743926	4.2600	4.700	12200	9700	0.110	3.200	527	2400	
157.00	158.00	1.00	H743927	2.4900	2.490	6310	4290	0.120	2.900	252	2770	2.93
158.00	159.00	1.00	H743928	2.8900	2.830	7590	5360	0.140	3.800	265	2780	2.97
159.00	160.00	1.00	H743929	4.8400	4.520	9890	3750	0.260	5.900	199	2490	3.00
160.00	161.00	1.00	H743931	5.1200	4.730	10800	3850	0.290	7.100	196	2510	2.97
161.00	162.00	1.00	H743932	5.4000	4.910	11950	4290	0.320	9.000	220	2660	2.93
162.00	163.00	1.00	H743933	7.7600	6.620	15600	5390	0.470	11.500	275	2570	3.03
163.00	164.00	1.00	H743934	8.6100	7.700	17900	7630	0.460	12.300	353	2650	2.96
164.00	165.00	1.00	H743935	4.9700	3.630	12500	4610	0.350	11.500	244	2600	3.01
165.00	166.00	1.00	H743936	4.1900	3.650	10050	4690	0.290	7.800	239	2790	3.03
166.00	167.00	1.00	H743937	3.5600	3.230	9980	4860	0.220	6.300	248	2770	3.05
167.00	168.00	1.00	H743938	5.3400	4.770	12750	6540	0.370	10.000	295	2700	3.04
168.00	169.00	1.00	H743939	5.4400	5.180	14200	8510	0.280	7.000	370	2630	3.06
169.00	170.00	1.00	H743940	7.1600	6.480	17450	10450	0.380	10.400	454	2450	3.22
170.00	171.00	1.00	H743941	5.1200	4.820	14150	8240	0.310	8.100	349	2430	3.13
171.00	172.00	1.00	H743942	7.6300	7.550	19800	8440	0.500	12.300	341	2110	3.07
172.00	173.00	1.00	H743943	4.7800	4.340	12400	3530	0.440	13.600	193	1705	3.01
173.00	174.00	1.00	H743944	1.6400	1.440	5000	2210	0.150	4.200	154	1390	2.94
174.00	175.00	1.00	H743945	0.4160	0.425	1490	1090	0.039	1.000	119	1170	2.98
175.00	175.65	0.65	H743946	0.1105	0.110	363	380	0.011	1.700	93	594	
175.65	177.20	1.55	H743947	0.0084	0.008	73	45	0.002	0.250	52	39	
177.20	178.65	1.45	H743948	0.0069	0.009	68	26	0.002	0.250	44	25	
178.65	180.65	2.00	H743949	0.0034	0.005	17	10	0.002	0.250	3	22	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
178.65	205.00	Fgd	Granodiorite
205.00	206.40	Spt	Siltstone
206.40	213.70	Fgr	Granite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
178.65	180.65	2.00	H743949	0.0034	0.005	17	10	0.002	0.250	3	22	
180.65	182.65	2.00	H743951	0.0088	0.009	25	13	0.002	0.250	2	14	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-155

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/10/2009
End Date: 03/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.05
Easting: 357855.69
Elevation: 508.69

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
206.40	213.70	Fgr	Granite
213.70	216.30	Spt	Siltstone
216.30	225.00	Fgr	Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2			0.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.50	Ovg	Overburden - Glacial																			
1.50	26.90	Fgr	Granite																			
26.90	28.85	Fgq	Quartz monzonite																			
28.85	59.00	Fgr	Granite																			

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
28.85	59.00	Fgr	Granite		0.1																	
59.00	62.50	Fgq	Quartz monzonite																			

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

Lithology From m	To m	Code	Rock description
59.00	62.50	Fgq	Quartz monzonite
62.50	75.30	Fgr	Granite
75.30	76.40	Fgq	Quartz monzonite
76.40	83.15	Fgr	Granite
83.15	85.00	Fgq	Quartz monzonite
85.00	88.20	Fgr	Granite
88.20	90.80	Fgq	Quartz monzonite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
88.20	90.80	Fgq	Quartz monzonite					
90.80	100.50	Fgr	Granite					
100.50	107.00	Fgq	Quartz monzonite					
107.00	122.90	Fgr	Granite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
119.00	121.00	2.00	H743952	0.0036	0.004	43	18	0.001	0.600	1	24		

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

Lithology From m	To m	Code	Rock description
107.00	122.90	Fgr	Granite
122.90	126.35	Hg	Hybrid Grey
126.35	127.20		Gabbro - Melanocratic
127.20	175.45	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
1.0			1.0
2.1			2.1
2.2		0.1	2.1
2.1	0.5	0.1	2.0
1.0		0.5	
1.5	0.5	0.5	0.5
3.0	0.5	1.0	1.5
6.1	0.1	0.5	5.5
4.1	0.1	0.5	3.5
6.1	0.1	0.5	5.5
1.5	0.5	0.5	0.5
1.0	0.5	0.5	
2.6	0.5	2.0	0.1
1.1	0.5	0.5	0.1
3.5	0.5	0.9	2.1
4.1	0.5	0.5	3.1
3.5	0.9	0.5	2.1
1.5	0.5	0.9	0.1
2.0	0.9	1.0	0.1
3.0	0.9	2.0	0.1
1.9	0.9	0.9	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
119.00	121.00	2.00	H743952	0.0036	0.004	43	18	0.001	0.600	1	24	
121.00	122.90	1.90	H743953	0.0084	0.009	21	11	0.004	0.700	2	14	
122.90	124.90	2.00	H743954	0.0097	0.003	129	73	0.001	0.250	41	76	2.82
124.90	126.35	1.45	H743955	0.0264	0.014	142	153	0.005	0.250	46	700	
126.35	127.20	0.85	H743956	0.1430	0.157	553	694	0.010	0.800	93	962	
127.20	129.00	1.80	H743957	0.0707	0.070	296	773	0.007	0.250	102	1520	
129.00	131.00	2.00	H743958	0.0868	0.091	337	842	0.009	0.250	106	1720	
131.00	133.00	2.00	H743959	0.0518	0.048	211	869	0.006	0.250	108	1920	
133.00	135.00	2.00	H743961	0.0454	0.044	169	854	0.005	0.250	107	1900	2.87
135.00	137.00	2.00	H743962	0.1800	0.194	650	1085	0.014	0.250	122	2070	
137.00	139.00	2.00	H743963	0.0579	0.063	251	961	0.006	0.250	118	2020	
139.00	141.00	2.00	H743964	0.1120	0.117	418	1010	0.009	0.250	120	2140	
141.00	143.00	2.00	H743965	0.5510	0.606	1620	1415	0.037	0.600	140	1970	
143.00	145.00	2.00	H743966	0.4660	0.500	1240	1295	0.032	0.250	126	2070	2.95
145.00	147.00	2.00	H743967	0.0256	0.024	1240	1350	0.001	0.600	134	2230	
147.00	148.00	1.00	H743968	0.7360	0.834	2050	1640	0.050	0.700	143	2160	
148.00	150.00	2.00	H743969	0.2660	0.289	648	1210	0.019	0.250	123	2440	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

Lithology From m	To m	Code	Rock description
127.20	175.45	Mgm	Gabbro - Melanocratic
175.45	177.30	Hg	Hybrid Grey
177.30	223.50	Fgr	Granite

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
150.00	152.00	1.9	0.9	0.9	0.1
		1.1	0.5	0.5	0.1
152.00	154.00	1.6	0.5	1.0	0.1
		1.1	0.5	0.5	0.1
154.00	155.00	4.1	1.0	3.0	0.1
155.00	156.00	3.1	2.0	1.0	0.1
156.00	157.00	13.1	3.0	10.0	0.1
157.00	158.00				
158.00	159.00				
159.00	160.00				
160.00	161.00				
161.00	162.00				
162.00	163.00				
163.00	164.00				
164.00	165.00				
165.00	166.00	18.1	3.0	15.0	0.1
166.00	167.10	30.1	5.0	25.0	0.1
167.10	168.00				
168.00	168.55	18.1	3.0	15.0	0.1
168.55	169.10	10.1	5.0	5.0	0.1
169.10	170.00	1.1	0.5	0.5	0.1
170.00	171.00	4.1	0.5	0.5	3.1
171.00	172.00	4.5	0.9	0.5	3.1
172.00	174.00	3.1	0.5	0.5	2.1
		0.8	0.1	0.1	0.6
174.00	175.45				
175.45	177.30	0.6			0.6
		1.1			1.1
177.30	179.30	0.1			0.1
179.30	181.30				

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H743971	0.1910	0.191	385	1190	0.015	0.250	124	2600	
152.00	154.00	2.00	H743972	0.1870	0.187	417	1250	0.014	0.250	130	2780	2.93
154.00	155.00	1.00	H743973	0.1260	0.124	289	1250	0.010	0.250	127	3060	
155.00	156.00	1.00	H743974	1.1200	1.090	2740	2100	0.070	1.600	161	3090	2.97
156.00	157.00	1.00	H743975	0.7480	0.852	2260	1850	0.058	1.200	151	3180	2.92
157.00	158.00	1.00	H743976	0.5950	0.678	1600	1715	0.042	0.900	143	3100	2.89
158.00	159.00	1.00	H743977	2.2500	2.320	5860	3810	0.120	2.800	235	3300	2.95
159.00	160.00	1.00	H743978	4.6000	4.550	11100	5080	0.270	7.100	285	3320	2.96
160.00	161.00	1.00	H743979	5.0000	4.710	11850	5080	0.370	9.400	288	3280	3.00
161.00	162.00	1.00	H743981	5.0000	4.640	11850	4410	0.400	9.300	244	3320	2.98
162.00	163.00	1.00	H743982	4.3600	4.210	10350	4220	0.300	7.500	233	3150	2.98
163.00	164.00	1.00	H743983	5.7000	5.380	12700	3940	0.460	10.800	211	3210	2.97
164.00	165.00	1.00	H743984	6.1700	5.400	11900	2760	0.550	12.800	151	3030	2.94
165.00	166.00	1.00	H743985	5.4500	5.240	10900	4910	0.330	7.600	253	2800	3.00
166.00	167.10	1.10	H743986	8.1800	8.400	16800	9870	0.320	7.300	448	2320	3.31
167.10	168.00	0.90	H743987	10.0000	10.450	21700	13950	0.240	5.300	593	1970	3.39
168.00	168.55	0.55	H743988	7.9400	8.030	19550	14950	0.330	7.600	708	1850	3.40
168.55	169.10	0.55	H743989	3.3900	3.130	7360	4360	0.210	4.700	227	2680	3.03
169.10	170.00	0.90	H743990	4.0800	3.470	7400	2930	0.290	6.300	167	2960	2.85
170.00	171.00	1.00	H743991	2.1000	1.680	3630	1520	0.190	3.100	129	2890	
171.00	172.00	1.00	H743992	0.2540	0.274	1050	1560	0.021	0.600	139	2920	
172.00	174.00	2.00	H743993	0.1240	0.154	638	1045	0.011	0.250	134	1470	
174.00	175.45	1.45	H743994	0.0134	0.013	134	637	0.003	0.250	110	1140	
175.45	177.30	1.85	H743995	0.0040	0.004	39	42	0.001	0.250	48	29	2.85
177.30	179.30	2.00	H743996	0.0062	0.006	14	14	0.001	0.800	3	11	
179.30	181.30	2.00	H743997	0.0038	0.003	5	6	0.001	0.250	2	12	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

From m	To m	Code	Rock description
177.30	223.50	Fgr	Granite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
179.30	181.30	2.00	H743997	0.0038	0.003	5	6	0.001	0.250	2	12	

Hole Number: BL09-156

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/10/2009
End Date: 06/10/2009

Magma Metals (Canada) Ltd.

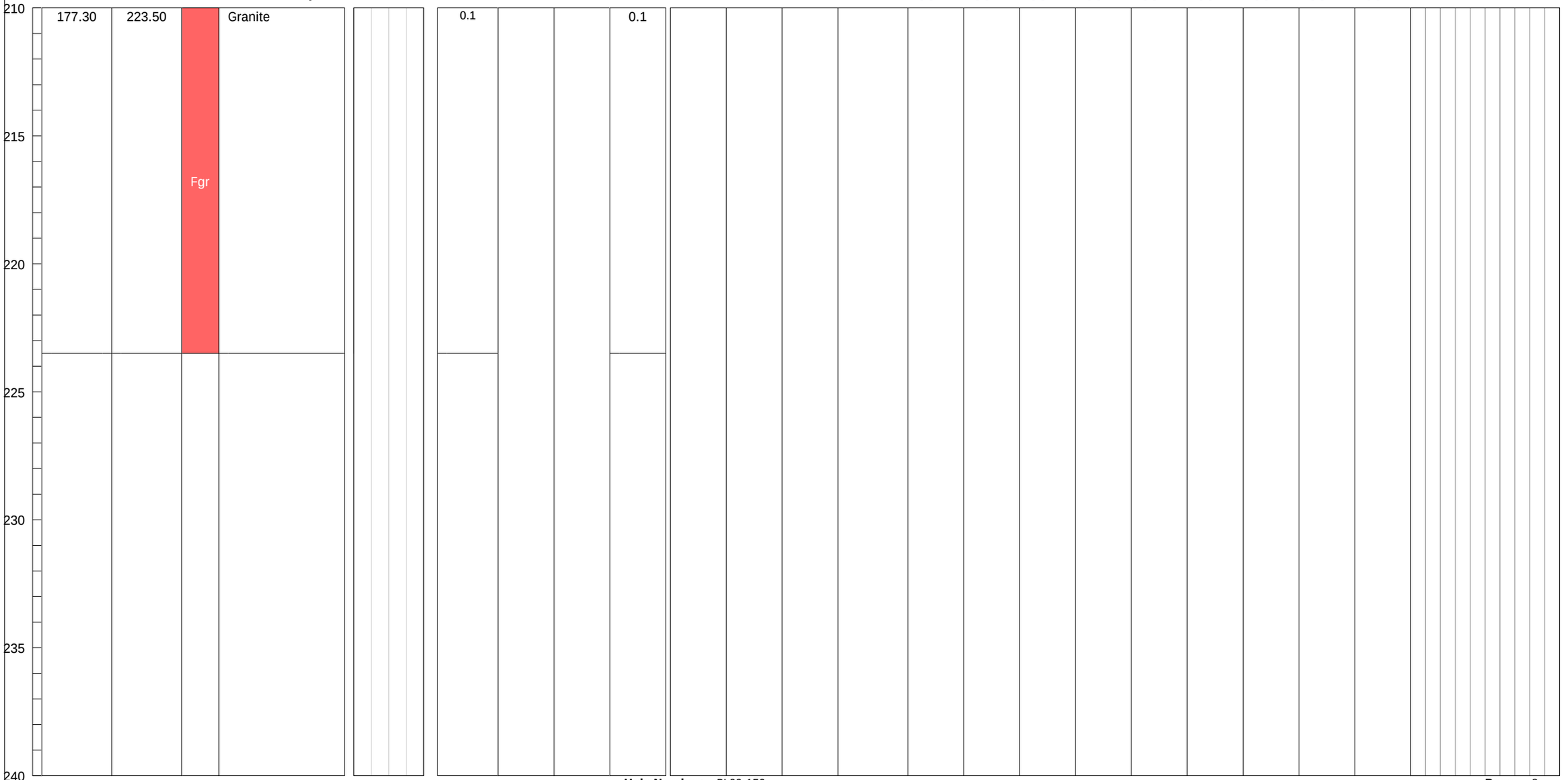
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.95
Easting: 357865.13
Elevation: 508.68

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 223.50

From m	To m	Code	Rock description
177.30	223.50	Fgr	Granite



Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
Elevation: 508.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	50.60	Fgr	Granite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
Elevation: 508.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
1.50	50.60	Fgr	Granite
50.60	51.30	Fgq	Quartz monzonite
51.30	64.30	Fgr	Granite

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
Elevation: 508.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
51.30	64.30	Fgr	Granite																			
64.30	65.75	Fgr	Granite																			
65.75	71.60	Fgr	Granite																			
71.60	72.25	Fgr	Granite																			
72.25	72.60	Fgr	Granite																			
72.60	75.20	Fgq	Quartz monzonite																			
75.20	90.15	Fgr	Granite																			

Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

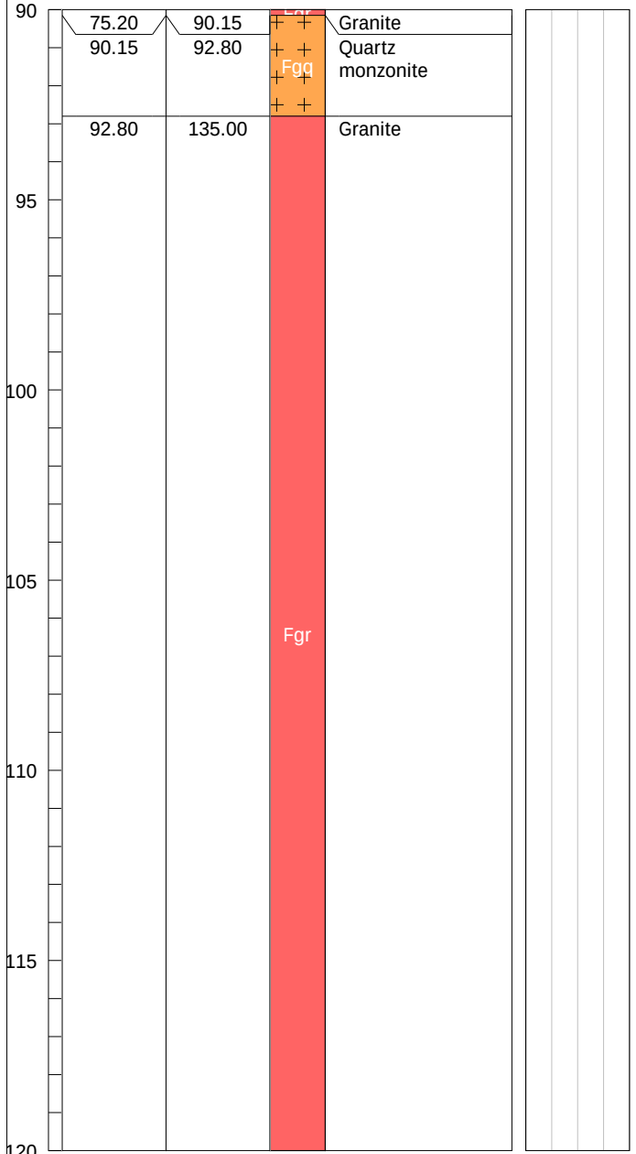
Drill Hole Logs

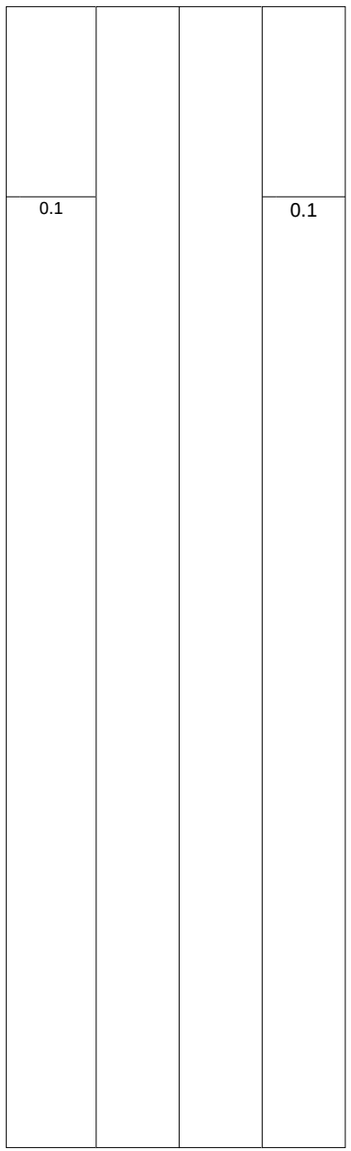
Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
Elevation: 508.44

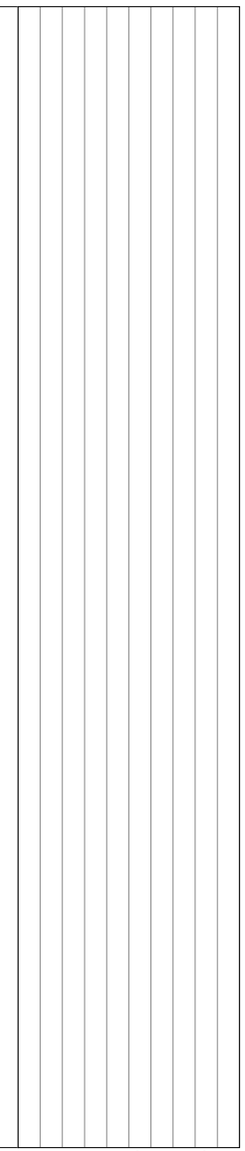
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
75.20	90.15		Granite
90.15	92.80	Fgq	Quartz monzonite
92.80	135.00	Fgr	Granite





From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm



Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
Elevation: 508.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
92.80	135.00	Fgr	Granite
135.00	135.65	Hg	Hybrid Grey
135.65	171.90	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
1.0	0.1		0.9
0.5			0.5
0.1		0.1	
0.5		0.5	
0.1		0.1	
1.0		1.0	
1.0	0.5	0.5	
1.4	0.5	0.9	
0.6	0.1	0.5	
1.0	0.5	0.5	
1.5	0.5	0.5	0.5
6.0	0.5	0.5	5.0
2.8	0.9	1.0	0.9
1.9	0.9	0.9	0.1
2.0	0.5	0.5	1.0
2.1	0.5	0.5	1.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
131.00	133.00	2.00	H743998	0.0025	0.002	13	5	0.003	0.250	1	14	
133.00	135.00	2.00	H743999	0.0089	0.006	27	9	0.003	0.250	1	13	
135.00	135.65	0.65	H744001	0.0296	0.032	383	185	0.004	0.500	39	692	2.72
135.65	137.00	1.35	H744002	0.0810	0.075	316	538	0.008	0.500	71	900	
137.00	139.00	2.00	H744003	0.0297	0.022	159	610	0.005	0.700	86	1270	
139.00	141.00	2.00	H744004	0.0785	0.074	264	750	0.007	0.500	99	1590	
141.00	143.00	2.00	H744005	0.1345	0.139	451	861	0.012	0.800	106	1620	
143.00	145.00	2.00	H744006	0.2840	0.282	761	959	0.021	0.900	112	1720	
145.00	147.00	2.00	H744007	1.1500	1.180	2960	1670	0.070	2.100	149	1840	2.89
147.00	149.00	2.00	H744008	0.6870	0.688	1860	1360	0.045	1.800	132	1940	
149.00	151.00	2.00	H744009	0.7040	0.704	1780	1375	0.043	1.700	131	1870	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
Elevation: 508.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
135.65	171.90	Mgm	Gabbro - Melanocratic
171.90	175.70	Hg	Hybrid Grey
175.70	178.60	Fgr	Granite
178.60	198.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
2.1	0.5	0.5	1.1
1.7	1.0	0.5	0.2
6.5	0.9	0.5	5.1
2.1	1.0	0.5	0.6
4.0	0.9	1.0	2.1
4.1	1.0	3.0	0.1
4.0	1.0	0.9	2.1
4.6	3.0	1.0	0.6
13.0	5.0	7.0	1.0
11.1	3.0	1.0	7.1
25.6	5.0	20.0	0.6
15.1	3.0	10.0	2.1
16.1	3.5	10.5	2.1
9.1	3.5	5.5	0.1
8.1	3.0	5.0	0.1
6.1	3.0	3.0	0.1
4.1	2.0	2.0	0.1
1.1	0.5	0.5	0.1
2.1	0.5	0.5	1.1
1.1	0.5	0.5	0.1
4.0	3.0	0.9	0.1
1.9	0.9	0.9	0.1
4.9	3.0	0.9	1.0
8.1	1.0		7.1
7.1			7.1
1.0			1.0
5.1			5.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H744009	0.7040	0.704	1780	1375	0.043	1.700	131	1870	
151.00	153.00	2.00	H744011	1.5000	1.530	3740	1960	0.090	2.900	153	1760	
153.00	155.00	2.00	H744012	1.8500	1.920	4670	2280	0.110	3.600	174	1920	
155.00	156.00	1.00	H744013	2.0200	2.050	4900	2210	0.120	3.600	174	1800	2.99
156.00	157.00	1.00	H744014	2.6500	2.640	6200	2290	0.190	4.800	178	2270	
157.00	158.00	1.00	H744015	3.2000	3.250	8310	3100	0.200	5.700	199	2620	
158.00	159.00	1.00	H744016	3.5100	3.470	8720	3170	0.220	6.500	187	2010	
159.00	160.00	1.00	H744017	5.0300	5.630	12800	6170	0.190	5.800	313	1600	
160.00	160.80	0.80	H744018	4.4800	4.240	10750	3310	0.320	7.600	206	1470	
160.80	161.35	0.55	H744019	7.8000	9.130	20800	13150	0.240	8.400	652	1310	
161.35	162.25	0.90	H744021	10.5500	10.100	19600	9540	0.570	12.300	474	1180	
162.25	163.00	0.75	H744022	5.2700	4.900	9970	4610	0.330	7.300	250	1530	
163.00	164.00	1.00	H744023	2.3000	2.200	4420	2140	0.160	3.400	143	1820	
164.00	165.00	1.00	H744024	0.5290	0.483	1100	1030	0.042	1.100	110	2060	
165.00	167.00	2.00	H744025	0.1005	0.083	326	1040	0.011	0.700	120	2380	2.95
167.00	169.00	2.00	H744026	0.0563	0.046	226	984	0.006	0.900	110	2080	
169.00	171.00	2.00	H744027	0.0406	0.033	162	945	0.005	0.500	105	1960	
171.00	171.90	0.90	H744028	0.6130	0.509	1400	1060	0.063	2.200	106	1730	
171.90	172.90	1.00	H744029	2.8400	2.230	6910	1435	0.300	7.500	113	1480	
172.90	173.80	0.90	H744030	2.8500	2.300	7170	799	0.400	22.700	72	35	
173.80	175.70	1.90	H744031	0.0123	0.015	65	32	0.003	1.600	46	14	2.74
175.70	177.00	1.30	H744032	0.0117	0.007	26	6	0.003	0.250	1	10	
177.00	178.60	1.60	H744033	0.0048	0.003	10	6	0.002	0.250	1	9	
178.60	180.00	1.40	H744034	0.0033	0.003	28	82	0.002	0.250	18	128	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
Elevation: 508.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
178.60	198.00	Spt	Siltstone		0.1			0.1														
198.00	198.80	Fgd	Granodiorite																			
198.80	204.60	Spt	Siltstone																			
204.60	206.80	Fgd	Granodiorite																			
206.80	207.70	Spt	Siltstone																			
207.70	210.05	Fgd	Granodiorite																			

Hole Number: BL09-157

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 07/10/2009
End Date: 09/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357846.74
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Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
207.70	210.05	Spt	Granodiorite		0.1			0.1														
210.05	218.80	Spt	Siltstone																			
218.80	219.55	Fgd	Granodiorite																			
219.55	222.25	Spt	Siltstone																			
222.25	223.10	Fgd	Granodiorite																			
223.10	225.00	Spt	Siltstone																			

210 215 220 225 230 235 240

Hole Number: BL09-158

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/10/2009
End Date: 11/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357761.85
Elevation: 506.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	29.50	Spt	Siltstone
29.50	30.50	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2		0.1	0.1
0.1			0.1
0.3		0.1	0.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-158

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/10/2009
End Date: 11/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357761.85
Elevation: 506.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
29.50	30.50	Fgd	Granodiorite
30.50	44.85	Spt	Siltstone
44.85	46.20	Fgd	Granodiorite
46.20	47.75	Spt	Siltstone
47.75	49.70	Fgd	Granodiorite
49.70	50.40	Spt	Siltstone
50.40	53.15	Fgd	Granodiorite
53.15	59.30	Spt	Siltstone
59.30	60.35	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2			0.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-158

Project: TBN
Claim #: 842186
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Drill Company: George Downing Estate Drilling
Start Date: 09/10/2009
End Date: 11/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357761.85
Elevation: 506.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
59.30	60.35	Fgd	Granodiorite
60.35	68.70	Spt	Siltstone
68.70	69.70	Fgd	Granodiorite
69.70	87.00	Spt	Siltstone
87.00	90.20	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2		0.1	0.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-158

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Northing: 5402502.91
Easting: 357761.85
Elevation: 506.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
87.00	90.20	Fgd	Granodiorite		0.1			0.1
90.20	103.15	SSS	Sandstone to Siltstone					
103.15	108.00	Fgd	Granodiorite					
108.00	109.50	Spt	Siltstone					
109.50	112.30	Fgd	Granodiorite					
112.30	116.45	SSS	Sandstone to Siltstone					
116.45	117.25	Fgd	Granodiorite					
117.25	156.00	SSS	Sandstone to Siltstone		0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-158

Project: TBN
Claim #: 842186
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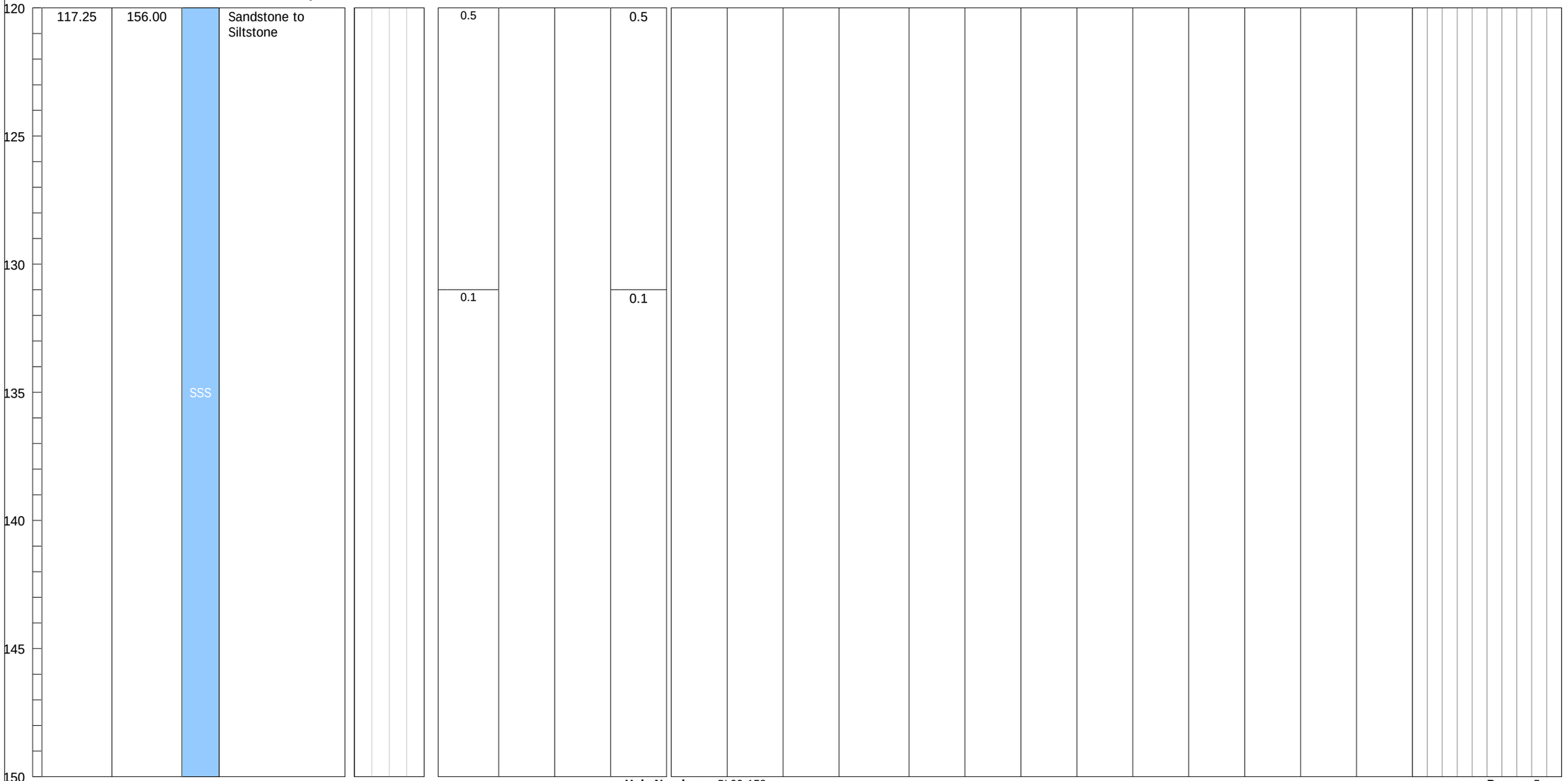
Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357761.85
Elevation: 506.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
117.25	156.00	SSS	Sandstone to Siltstone



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-158

Project: TBN
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Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/10/2009
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Magma Metals (Canada) Ltd.

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Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357761.85
Elevation: 506.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
117.25	156.00	SSS	Sandstone to Siltstone
156.00	157.70	Hr	Hybrid Classic Red
157.70	162.15	Hg	Hybrid Grey
162.15	165.90	Spt	Siltstone
165.90	166.80	Fgd	Granodiorite
166.80	181.50	SSS	Sandstone to Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
1.0			1.0
0.9			0.9
0.5			0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
152.00	154.00	2.00	H744035	0.0003	0.001	25	9	0.002	1.400	9	30	
154.00	156.00	2.00	H744036	0.0003	0.001	24	8	0.002	1.000	9	29	
156.00	158.00	2.00	H744037	0.0003	0.001	60	22	0.002	0.250	46	14	
158.00	160.00	2.00	H744038	0.0003	0.001	31	55	0.001	0.250	65	54	2.81
160.00	162.15	2.15	H744039	0.0003	0.001	44	23	0.002	0.250	46	16	
162.15	164.00	1.85	H744041	0.0003	0.001	57	25	0.002	1.100	10	33	
164.00	165.90	1.90	H744042	0.0003	0.001	35	17	0.002	1.300	11	42	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-158

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 09/10/2009
End Date: 11/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402502.91
Easting: 357761.85
Elevation: 506.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
166.80	181.50	SSS	Sandstone to Siltstone
181.50	182.80	Fgd	Granodiorite
182.80	210.00	SSS	Sandstone to Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
0.1			0.1
0.2		0.1	0.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.00	Ovg	Overburden - Glacial																			
1.00	156.00	Fg	Granite - Undifferentiated		0.1			0.1														

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
1.00	156.00	Fg	Granite - Undifferentiated		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

30
35
40
45
50
55
60

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

Lithology From m	Lithology To m	Lithology Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
1.00	156.00	Fg	Granite - Undifferentiated		0.1			0.1														

60 65 70 75 80 85 90

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.00	156.00	Fg	Granite - Undifferentiated																			

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.00	156.00	Fg	Granite - Undifferentiated																			

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

From m	To m	Code	Rock description
1.00	156.00	Fg	Granite - Undifferentiated
156.00	159.00		No Sample Void
159.00	160.20	Hr	Hybrid Classic Red
160.20	162.40	Hg	Hybrid Grey
162.40	164.15	Hr	Hybrid Classic Red
164.15	187.00	Fgd	Granodiorite

Magsus 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
159.00	1.0			1.0
160.20	3.0			3.0
	1.0			1.0
162.40	2.0			2.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
154.00	156.00	2.00	H744048	0.0003	0.001	1	1	0.001	0.250	1	13	
159.00	160.40	1.40	H744043	0.0003	0.001	30	26	0.001	0.250	43	25	
160.40	162.40	2.00	H744044	0.0003	0.001	41	44	0.002	0.250	60	43	
162.40	164.15	1.75	H744045	0.0003	0.001	42	21	0.002	0.250	42	16	
164.15	166.00	1.85	H744046	0.0003	0.001	2	1	0.003	0.250	2	10	
166.00	168.00	2.00	H744047	0.0003	0.001	2	1	0.001	0.250	2	11	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

From m	To m	Code	Rock description
164.15	187.00	Fgd	Granodiorite
187.00	192.20	Fgd	Granite - Undifferentiated
192.20	203.65	Ss	Schist
203.65	209.30	Fgt	Tonalite
209.30	221.00	Ss	Schist

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-159

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 11/10/2009
End Date: 15/10/2009

Magma Metals (Canada) Ltd.

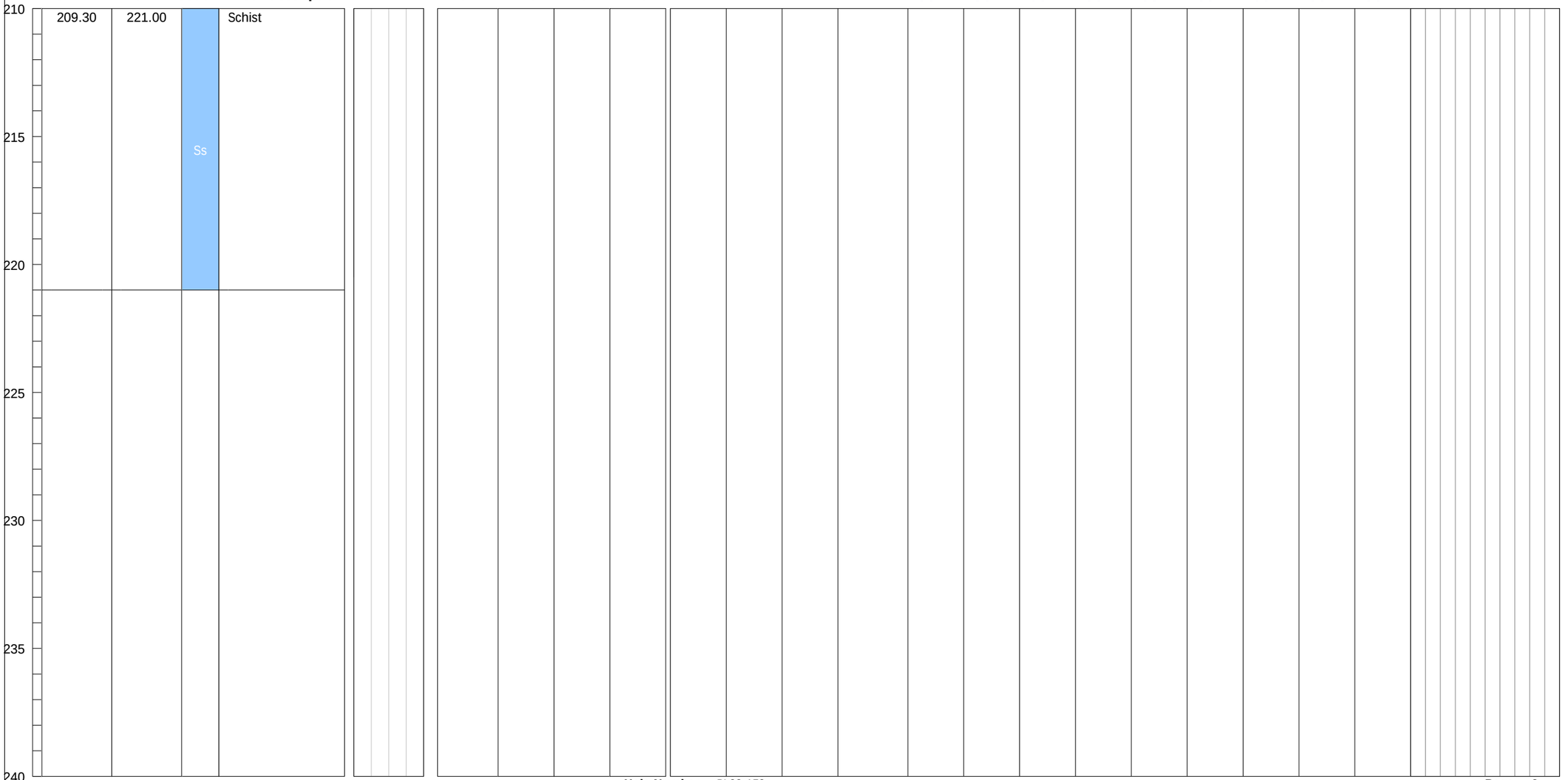
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.33
Easting: 357771.41
Elevation: 507.06

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 221.00

From m	To m	Code	Rock description
209.30	221.00	Ss	Schist



Hole Number: BL09-160

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 15/10/2009
End Date: 16/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.79
Easting: 357780.02
Elevation: 506.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	0.90	Ovm	Overburden - Mud																			
0.90	37.10	Fgd	Granodiorite																			

Hole Number: BL09-160

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 15/10/2009
End Date: 16/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.79
Easting: 357780.02
Elevation: 506.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
0.90	37.10	Fgd	Granodiorite
37.10	40.70		Granite
40.70	47.15		Granodiorite
47.15	55.00		Granite
55.00	66.35		Granodiorite

Lithology

Magsus (0 100 200)

Sulphide %

Cpy %

Po %

Py %

From m

To m

Interval m

Sample

Pt ppm

Pd ppm

Cu ppm

Ni ppm

Au ppm

Ag ppm

Co ppm

Cr ppm

SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

30 35 40 45 50 55 60

Hole Number: BL09-160

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 15/10/2009
End Date: 16/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.79
Easting: 357780.02
Elevation: 506.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
55.00	66.35	Fgd	Granodiorite
66.35	67.60		Granite
67.60	77.25		Granodiorite
77.25	84.80		Granodiorite
84.80	101.00		Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

60 65 70 75 80 85 90

Hole Number: BL09-160

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 15/10/2009
End Date: 16/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.79
Easting: 357780.02
Elevation: 506.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
84.80	101.00	Fgd	Granodiorite
101.00	106.70		Granite - Undifferentiated
106.70	111.10	Hr	Hybrid Classic Red
111.10	119.00	Upd	Peridotite
119.00	127.55	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
5.0			5.0
1.5	0.5		1.0
2.5	0.5		2.0
12.0	2.0		10.0
1.5	0.5		1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
102.70	104.70	2.00	H744051	0.0003	0.001	4	6	0.002	0.250	1	29	2.57
104.70	106.70	2.00	H744052	0.0029	0.003	12	8	0.002	0.250	2	14	
106.70	108.10	1.40	H744053	0.0036	0.003	18	12	0.002	0.250	25	7	
108.10	109.60	1.50	H744054	0.0003	0.001	97	22	0.002	0.250	34	11	
109.60	111.10	1.50	H744055	0.0217	0.013	198	112	0.005	0.250	48	312	
111.10	113.00	1.90	H744056	0.1980	0.188	653	774	0.015	0.250	103	1260	2.92
113.00	114.30	1.30	H744057	0.2000	0.198	615	800	0.014	0.250	97	1380	2.88
114.30	115.60	1.30	H744058	1.0000	1.020	3100	1600	0.070	1.400	153	1370	2.89
115.60	116.30	0.70	H744059	1.6500	1.700	4790	2110	0.080	13.500	149	1210	2.98
116.30	117.00	0.70	H744061	3.7500	3.850	12050	4580	0.210	7.600	290	685	3.24
117.00	118.00	1.00	H744062	3.8800	3.790	9760	4100	0.220	7.500	277	816	3.16
118.00	119.00	1.00	H744063	2.1800	2.170	6170	2460	0.110	3.400	184	976	3.09
119.00	120.00	1.00	H744064	0.9280	0.803	2050	747	0.087	1.500	96	1160	3.01

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-160

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 15/10/2009
End Date: 16/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.79
Easting: 357780.02
Elevation: 506.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
119.00	127.55	Mgm	Gabbro - Melanocratic
127.55	129.25	Fg	Granite - Undifferentiated
129.25	132.35	Upd	Peridotite
132.35	138.80	Fg	Granite - Undifferentiated
138.80	158.30	Fg	Granite - Undifferentiated

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.5	0.5		1.0
1.0	0.1		0.9
2.0	0.5	0.5	1.0
1.9	1.0		0.9
0.1			0.1
2.8	0.9	0.9	0.5
0.5			0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.00	121.00	1.00	H744065	0.2170	0.214	704	615	0.020	1.000	89	1180	2.94
121.00	122.00	1.00	H744066	0.1500	0.117	721	615	0.015	0.250	86	1170	2.91
122.00	123.00	1.00	H744067	0.1400	0.134	386	681	0.010	0.250	96	1360	2.95
123.00	124.00	1.00	H744068	0.1670	0.147	464	701	0.013	0.250	96	1450	2.99
124.00	125.00	1.00	H744069	0.1470	0.137	404	749	0.011	0.250	98	1410	2.97
125.00	126.30	1.30	H744070	0.4610	0.440	1070	919	0.022	0.250	100	1280	2.94
126.30	127.55	1.25	H744071	0.4350	0.423	1060	908	0.023	0.250	94	1180	2.95
127.55	128.60	1.05	H744072	0.2230	0.248	548	262	0.008	0.250	13	61	2.69
128.60	129.25	0.65	H744073	0.0033	0.005	10	9	0.003	0.250	6	14	2.59
129.25	130.25	1.00	H744074	0.5150	0.511	1230	770	0.017	4.800	62	319	2.85
130.25	132.35	2.10	H744075	0.0364	0.026	166	540	0.006	0.250	78	1480	2.85
132.35	134.00	1.65	H744076	0.0029	0.005	4	12	0.002	0.250	3	36	
134.00	136.00	2.00	H744077	0.0003	0.001	1	3	0.002	0.250	2	18	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-160

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 15/10/2009
End Date: 16/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.79
Easting: 357780.02
Elevation: 506.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
138.80	158.30	Fg	Granite - Undifferentiated
158.30	160.20	Hg	Hybrid Grey
160.20	164.75	Hg	Hybrid Grey
164.75	201.00	Fg	Granite - Undifferentiated

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
15.0			15.0
3.0			3.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
154.30	156.30	2.00	H744078	0.0003	0.001	1	2	0.002	0.250	2	19	2.61
156.30	158.30	2.00	H744079	0.0003	0.001	1	4	0.002	0.250	3	18	
158.30	159.90	1.60	H744081	0.0036	0.004	78	60	0.005	0.250	67	66	
159.90	161.40	1.50	H744082	0.0003	0.001	59	94	0.002	0.250	89	116	
161.40	162.90	1.50	H744083	0.0006	0.001	33	67	0.002	0.250	70	73	
162.90	164.75	1.85	H744084	0.0003	0.001	25	22	0.002	0.500	44	13	2.80
164.75	166.75	2.00	H744085	0.0003	0.001	2	1	0.002	0.250	1	10	
166.75	168.75	2.00	H744086	0.0003	0.001	2	2	0.001	0.250	2	10	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-160

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 15/10/2009
End Date: 16/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.79
Easting: 357780.02
Elevation: 506.82

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
164.75	201.00	Fg	Granite - Undifferentiated																			

180
185
190
195
200
205
210

Hole Number: BL09-161

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 17/10/2009
End Date: 18/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.63
Easting: 357799.69
Elevation: 509.23

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 142.30

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.00	Ovm	Overburden - Mud																			
1.00	21.00	Fgd	Granodiorite																			
21.00	33.00	Fgd	Granite - Undifferentiated																			

Hole Number: BL09-161

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 17/10/2009
End Date: 18/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.63
Easting: 357799.69
Elevation: 509.23

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 142.30

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
21.00	33.00	Fgd	Granite - Undifferentiated																			
33.00	49.00	Fgd	Granite - Undifferentiated																			
49.00	84.40	Fgd	Granodiorite																			

30 35 40 45 50 55 60

Hole Number: BL09-161

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 17/10/2009
End Date: 18/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.63
Easting: 357799.69
Elevation: 509.23

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 142.30

From m	To m	Code	Rock description
49.00	84.40	Fgd	Granodiorite
84.40	98.00	Fgd	Granodiorite

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

60 65 70 75 80 85 90

Hole Number: BL09-161

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 17/10/2009
End Date: 18/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.63
Easting: 357799.69
Elevation: 509.23

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 142.30

Lithology From m	To m	Code	Rock description
84.40	98.00	Fgd	Granodiorite
98.00	117.40		Granodiorite
117.40	133.00		Tonalite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-161

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 17/10/2009
End Date: 18/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402521.63
Easting: 357799.69
Elevation: 509.23

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 142.30

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
117.40	133.00	Fgd	Tonalite																			
133.00	136.00		Granite																			
136.00	142.30		Granite - Undifferentiated																			

Hole Number: BL09-162

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/10/2009
End Date: 22/10/2009

Magma Metals (Canada) Ltd.

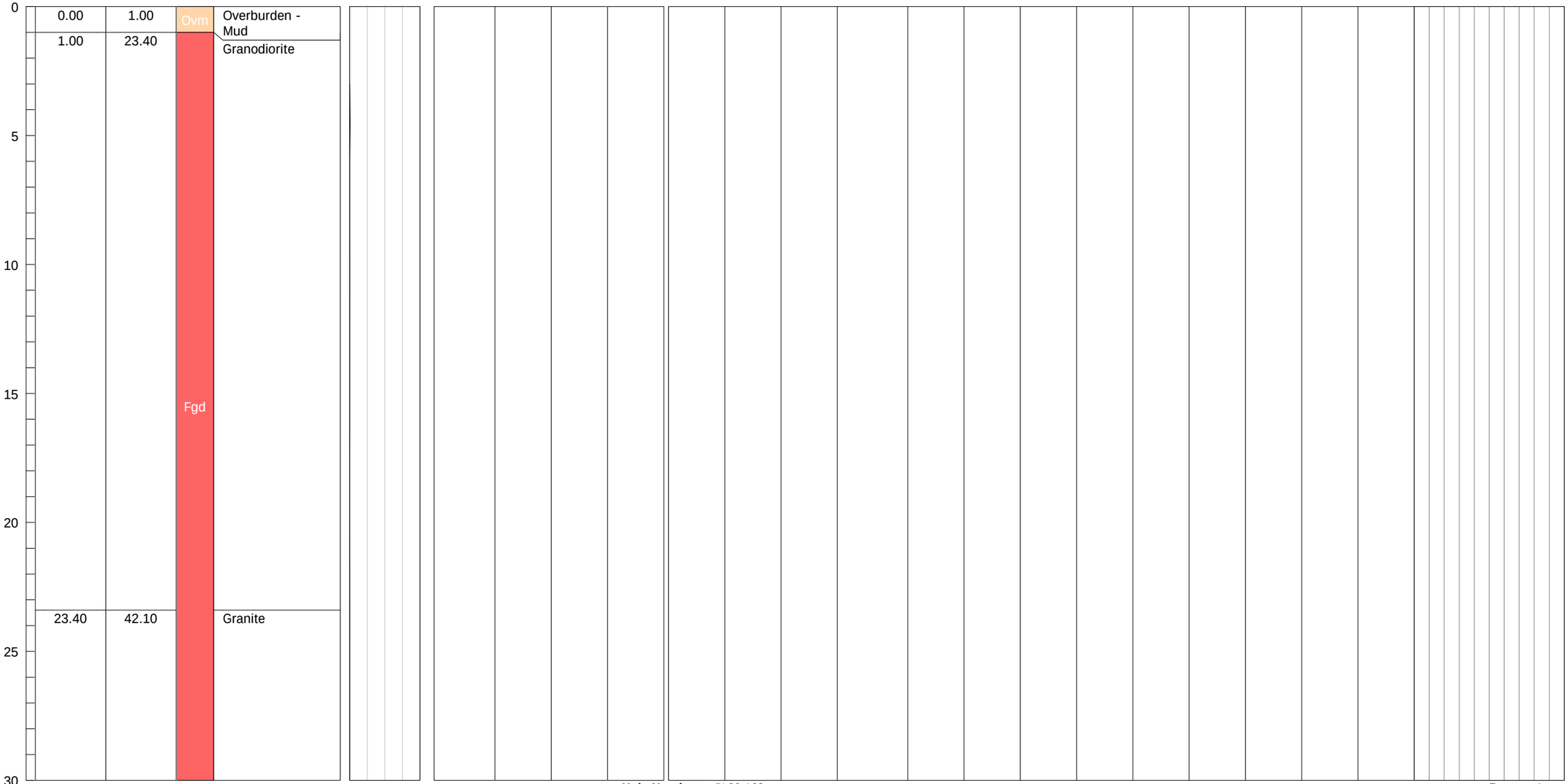
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.68
Easting: 357807.71
Elevation: 508.57

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

From m	To m	Code	Rock description
0.00	1.00	Ovm	Overburden - Mud
1.00	23.40	Fgd	Granodiorite
23.40	42.10	Fgd	Granite



Hole Number: BL09-162

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/10/2009
End Date: 22/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.68
Easting: 357807.71
Elevation: 508.57

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
23.40	42.10	Fgd	Granite
42.10	78.50	Fgd	Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

30 35 40 45 50 55 60

Hole Number: BL09-162

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/10/2009
End Date: 22/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.68
Easting: 357807.71
Elevation: 508.57

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

From m	To m	Code	Rock description
42.10	78.50	Fgd	Granodiorite
78.50	83.10		Granite
83.10	90.00		Granodiorite

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

60 65 70 75 80 85 90

Hole Number: BL09-162

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/10/2009
End Date: 22/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.68
Easting: 357807.71
Elevation: 508.57

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

From m	To m	Code	Rock description
90.00	96.00	Fgd	Granodiorite
96.00	97.80	Fgd	Granite
97.80	108.00	Fgd	Felsic Rock, Undivided
108.00	108.85	Fgd	Granite - Undifferentiated
108.85	110.80	Hr	Hybrid Classic Red
110.80	117.30	Hr	Hybrid Classic Red
117.30	127.40	Hr	Hybrid Classic Red

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
108.85	110.80	0.5			0.5
110.80	112.45	7.0			7.0
112.45	114.00	3.0			3.0
114.00	116.00	1.0			1.0
116.00	118.00	3.0			3.0
118.00	120.00	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
104.90	106.90	2.00	H744087	0.0006	0.001	5	2	0.002	0.250	1	18	
106.90	108.85	1.95	H744088	0.0010	0.001	34	5	0.001	0.250	1	18	
108.85	110.80	1.95	H744089	0.0539	0.061	41	57	0.002	0.250	9	61	
110.80	112.45	1.65	H744091	0.0040	0.004	61	16	0.003	0.800	30	16	
112.45	114.00	1.55	H744092	0.0030	0.002	11	4	0.003	0.800	24	4	
114.00	116.00	2.00	H744093	0.0008	0.001	12	1	0.002	0.250	20	5	
116.00	118.00	2.00	H744094	0.0003	0.001	21	1	0.003	0.800	29	5	
118.00	120.00	2.00	H744095	0.0003	0.001	45	13	0.002	0.250	37	11	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-162

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/10/2009
End Date: 22/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.68
Easting: 357807.71
Elevation: 508.57

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
117.30	127.40	Hr	Hybrid Classic Red
127.40	128.50	Fg	Granite - Undifferentiated
128.50	130.10		Granite
130.10	156.90		Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
2.0			2.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.00	122.00	2.00	H744096	0.0003	0.001	210	63	0.002	0.250	54	15	
122.00	124.00	2.00	H744097	0.0009	0.001	132	66	0.003	0.250	46	36	
124.00	126.00	2.00	H744098	0.0072	0.002	153	65	0.004	0.250	43	69	
126.00	127.40	1.40	H744099	0.0665	0.063	210	150	0.007	0.250	54	210	
127.40	129.40	2.00	H744101	0.0030	0.001	7	7	0.003	0.250	3	22	
129.40	131.40	2.00	H744102	0.0006	0.001	1	3	0.002	0.250	2	14	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-162

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/10/2009
End Date: 22/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.68
Easting: 357807.71
Elevation: 508.57

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

From m	To m	Code	Rock description
130.10	156.90	Fg	Granite
156.90	160.00		Granite
160.00	163.15		Granite
163.15	169.80	Hg	Hybrid Grey
169.80	170.40	Fgd	Granodiorite
170.40	170.50		Hybrid Grey
170.50	198.00		Granodiorite

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
		0.1			0.1
		2.0			2.0
		0.5			0.5
		3.0			3.0
		0.9			0.9

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
159.15	161.15	2.00	H744103	0.0005	0.001	1	1	0.002	0.250	1	11	
161.15	163.15	2.00	H744104	0.0003	0.001	2	2	0.003	0.250	2	14	
163.15	165.00	1.85	H744105	0.0015	0.002	57	130	0.003	0.250	74	192	
165.00	167.00	2.00	H744106	0.0007	0.001	39	83	0.002	0.250	80	95	
167.00	169.00	2.00	H744107	0.0003	0.001	39	36	0.003	0.250	56	30	
169.00	169.80	0.80	H744108	0.0003	0.001	39	21	0.002	0.250	42	12	
169.80	171.80	2.00	H744109	0.0003	0.001	5	2	0.003	0.250	3	10	
171.80	173.80	2.00	H744110	0.0003	0.001	1	2	0.002	0.250	1	9	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-162

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 20/10/2009
End Date: 22/10/2009

Magma Metals (Canada) Ltd.

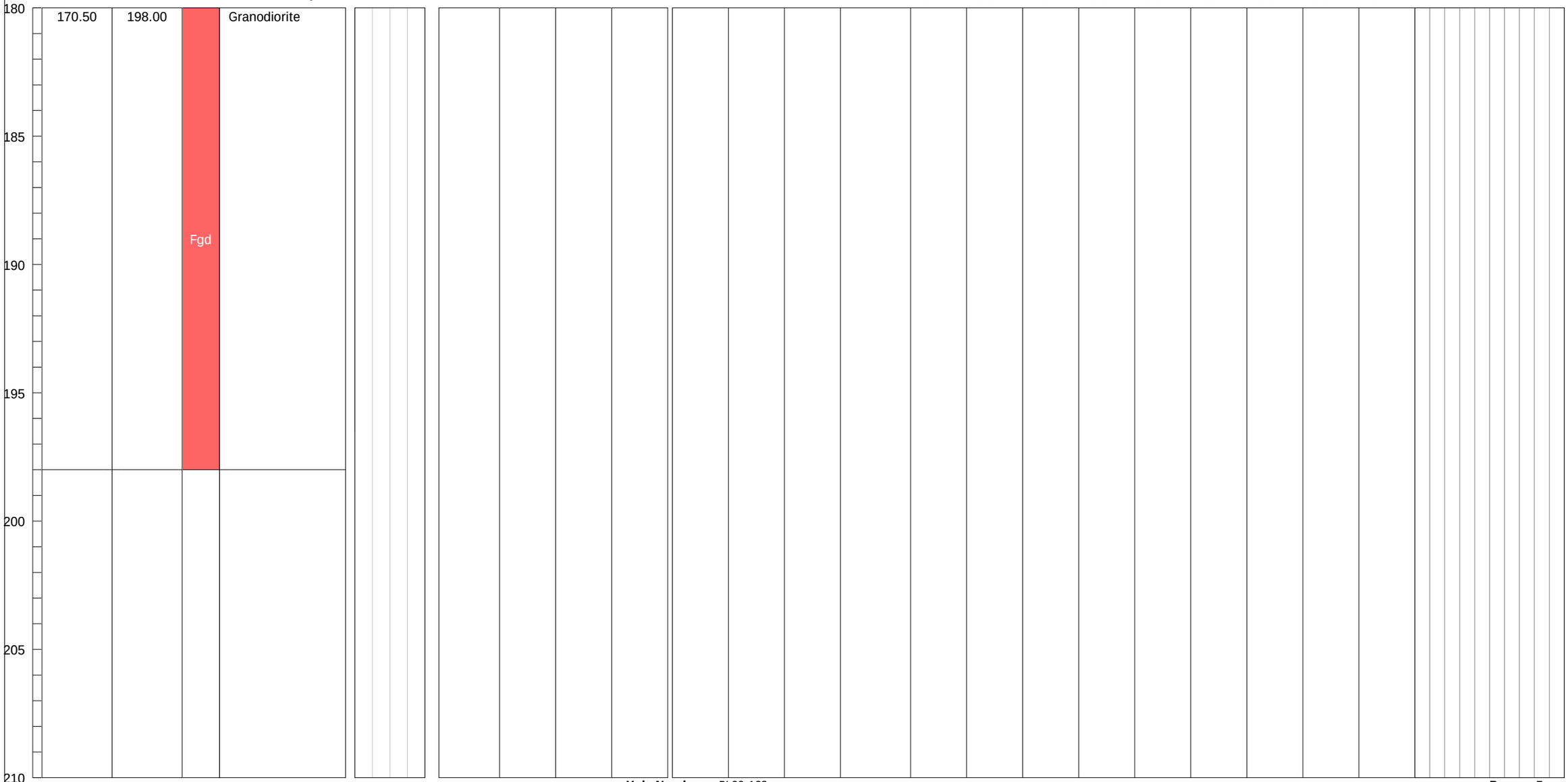
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402537.68
Easting: 357807.71
Elevation: 508.57

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
170.50	198.00	Fgd	Granodiorite																			



Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
0.00	1.30	Ovm	Overburden - Mud
1.30	54.00	Fgd	Granodiorite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

0 5 10 15 20 25 30

Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
1.30	54.00	Fgd	Granodiorite
54.00	66.00	Fgd	Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
54.00	66.00	Fgd	Granodiorite
66.00	106.70	Fgd	Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

60 65 70 75 80 85 90

Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
66.00	106.70	Fgd	Granodiorite
106.70	110.00		Granite - Undifferentiated
110.00	120.40	Hr	Hybrid Classic Red

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
2.0			2.0
0.5			0.5
0.1			0.1
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
106.00	108.00	2.00	H744111	0.0009	0.001	7	6	0.002	0.250	3	24	
108.00	110.00	2.00	H744112	0.0014	0.001	6	6	0.002	0.250	3	19	
110.00	112.00	2.00	H744113	0.0101	0.010	104	43	0.002	0.250	35	73	
112.00	114.00	2.00	H744114	0.0005	0.001	24	6	0.002	0.250	31	10	
114.00	116.00	2.00	H744115	0.0003	0.001	21	2	0.002	0.250	23	10	
116.00	118.00	2.00	H744116	0.0003	0.001	22	3	0.002	0.250	28	4	
118.00	119.20	1.20	H744117	0.0005	0.001	109	65	0.003	0.250	48	21	
119.20	120.40	1.20	H744118	0.0343	0.023	160	131	0.007	0.250	47	673	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

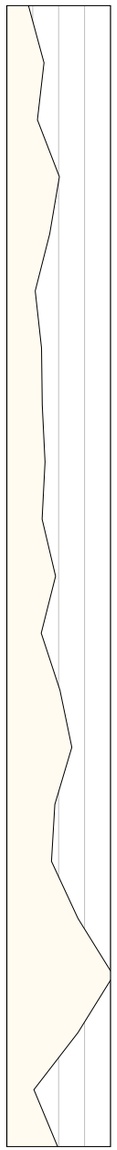
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

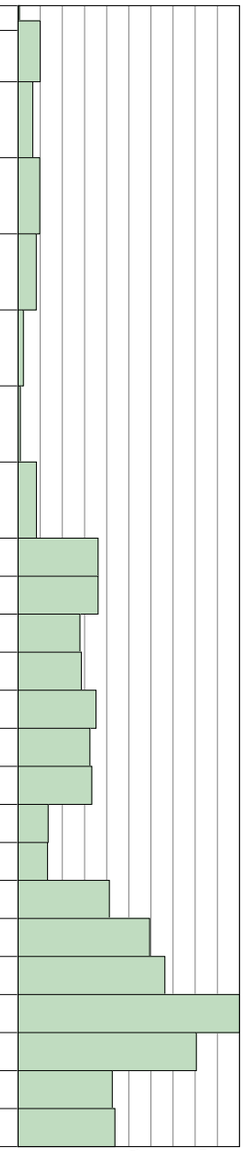
Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
110.00	120.40	Hr	Hybrid Classic Red Peridotite
120.40	154.00	Upd	



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Sulphide %	Cpy %	Po %	Py %
119.20	120.40	1.20	H744118	0.0343	0.023	160	131	0.007	0.250	47	673		1.0			1.0
120.40	122.00	1.60	H744119	0.5000	0.499	1285	1120	0.032	0.500	121	1590		2.5	0.5		2.0
122.00	124.00	2.00	H744121	0.3360	0.327	828	1090	0.022	0.250	123	1900		1.1	0.1	1.0	
124.00	126.00	2.00	H744122	0.5060	0.475	1050	1140	0.029	0.800	122	1770		2.1	0.1	1.0	1.0
126.00	128.00	2.00	H744123	0.4160	0.404	914	1130	0.027	0.700	121	1840		1.1	0.1	1.0	
128.00	130.00	2.00	H744124	0.1250	0.115	325	845	0.010	0.250	109	1885					
130.00	132.00	2.00	H744125	0.0524	0.044	149	835	0.007	0.250	106	1925					
132.00	134.00	2.00	H744126	0.4110	0.414	957	1080	0.027	0.250	120	1895					
134.00	135.00	1.00	H744127	1.7900	1.820	4030	2130	0.110	2.000	178	1890		3.9	0.9	2.0	1.0
135.00	136.00	1.00	H744128	1.8000	1.810	4290	2320	0.110	2.400	185	1915					
136.00	137.00	1.00	H744129	1.4000	1.390	3400	1870	0.090	2.000	161	1990					
137.00	138.00	1.00	H744131	1.4300	1.430	3270	2060	0.080	2.100	163	1970					
138.00	139.00	1.00	H744132	1.7700	1.750	4040	2310	0.110	2.400	177	2020					
139.00	140.00	1.00	H744133	1.6200	1.620	3570	2120	0.100	2.400	163	2150		2.5	0.5	2.0	
140.00	141.00	1.00	H744134	1.7000	1.630	3520	2170	0.110	2.100	156	2640					
141.00	142.00	1.00	H744135	0.7020	0.657	1435	1400	0.046	0.900	120	2610		1.0	0.1	0.9	
142.00	143.00	1.00	H744136	0.6890	0.640	1355	1480	0.046	0.250	122	2610					
143.00	144.00	1.00	H744137	2.1100	2.010	4200	2570	0.120	2.200	186	2430		4.0	1.0	2.0	1.0
144.00	145.00	1.00	H744138	3.0500	2.890	6220	3160	0.180	3.900	213	2250					
145.00	146.00	1.00	H744139	3.4300	3.200	6600	3720	0.180	3.900	228	2130					
146.00	147.00	1.00	H744141	5.1500	4.960	9720	7220	0.230	4.700	387	1910		11.0	2.0	7.0	2.0
147.00	148.00	1.00	H744142	4.0800	3.970	7510	5240	0.210	3.800	263	1535					
148.00	149.00	1.00	H744143	2.2300	2.020	4280	2020	0.150	2.800	128	1670		3.0	1.0	2.0	
149.00	150.00	1.00	H744144	2.3200	2.050	5150	2110	0.160	3.900	139	2190					



Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
120.40	154.00	Upd	Peridotite		5.0	2.0	3.0	
154.00	163.00	Mgm	Gabbro - Melanocratic		1.5	0.1	0.5	0.9
					3.5	0.5		3.0
163.00	167.40	Hg	Hybrid Grey		1.0			1.0
167.40	208.50	Fgd	Granodiorite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
150.00	151.00	1.00	H744145	4.0900	3.430	7880	2330	0.290	6.600	145	2410		
151.00	152.00	1.00	H744146	5.0800	4.450	9940	3580	0.270	6.200	189	2330		
152.00	153.00	1.00	H744147	6.6400	5.750	13650	3390	0.400	9.600	197	2360		
153.00	154.00	1.00	H744148	1.9200	1.600	4230	1930	0.150	3.700	150	2080		
154.00	156.00	2.00	H744149	0.3040	0.283	898	1370	0.021	0.250	135	2000		
156.00	158.00	2.00	H744150	0.1270	0.118	458	1230	0.011	0.250	128	2520		
158.00	160.00	2.00	H744151	0.1480	0.135	514	1150	0.014	0.250	122	2450		
160.00	161.50	1.50	H744152	0.7460	0.792	2540	2210	0.057	2.100	158	2040		
161.50	163.00	1.50	H744153	0.7250	0.668	2050	1140	0.069	1.400	122	1615		
163.00	165.00	2.00	H744154	0.0102	0.010	141	305	0.004	0.250	77	550		
165.00	166.20	1.20	H744155	0.0028	0.003	53	66	0.002	0.250	70	68		
166.20	167.40	1.20	H744156	0.0015	0.001	40	24	0.001	0.500	44	19		
167.40	169.40	2.00	H744157	0.0020	0.002	6	4	0.002	0.250	2	15		
169.40	171.40	2.00	H744158	0.0013	0.001	4	3	0.002	0.250	2	16		

Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
167.40	208.50	Fgd	Granodiorite
208.50	216.00		Granite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

180 185 190 195 200 205 210

Hole Number: BL09-163

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 23/10/2009
End Date: 25/10/2009

Magma Metals (Canada) Ltd.

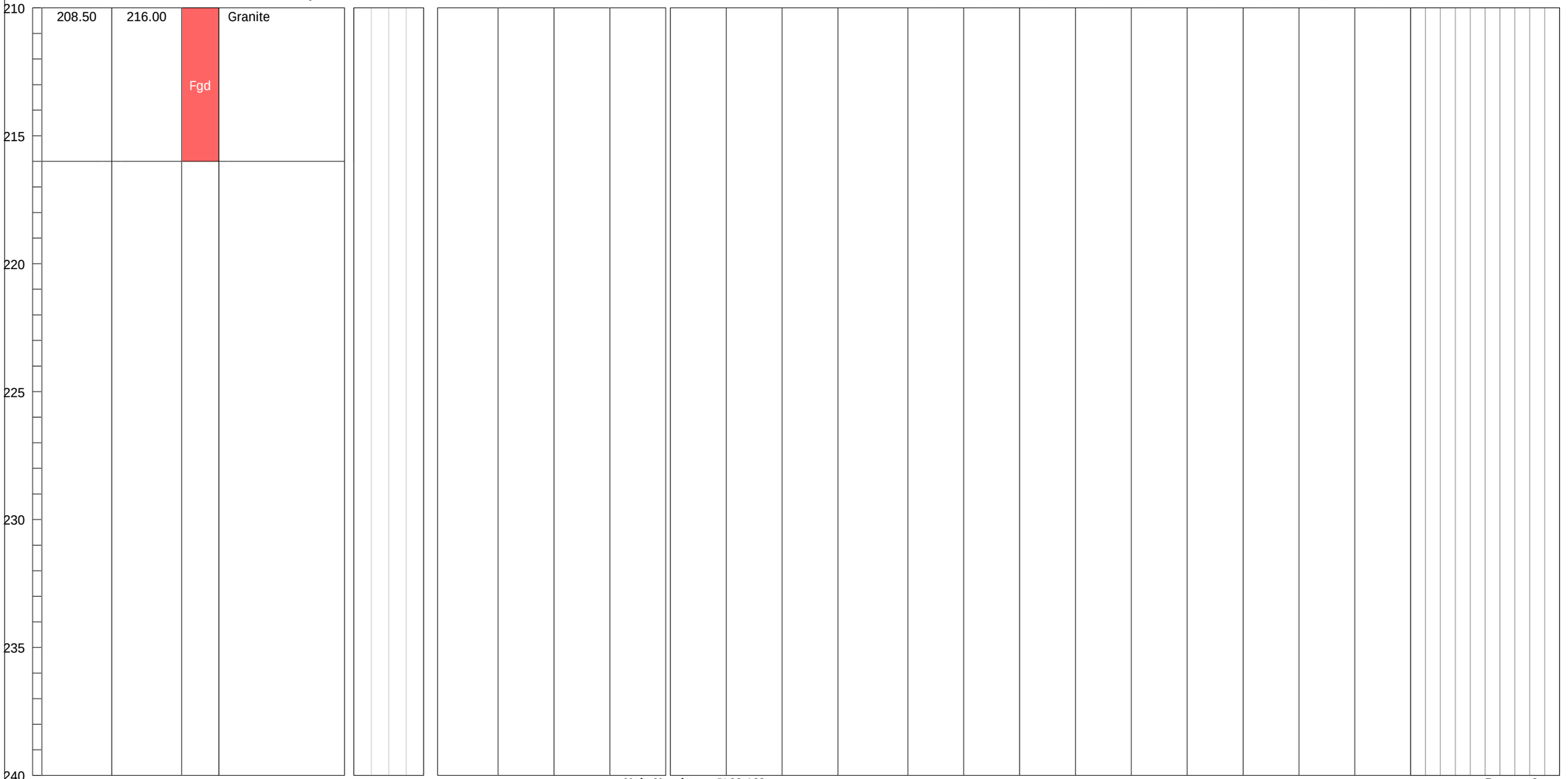
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.83
Easting: 357819.18
Elevation: 507.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
208.50	216.00	Fgd	Granite



Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.00	Ovm	Overburden - Mud																			
1.00	26.50	Fgd	Granodiorite																			
26.50	52.00	Fgd	Granodiorite																			

Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
26.50	52.00	Fgd	Granodiorite																			
52.00	72.20	Fgd	Granodiorite																			

Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
52.00	72.20	Fgd	Granodiorite
72.20	75.00		Granite - Undifferentiated
75.00	99.95		Granodiorite

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
75.00	99.95	Fgd	Granodiorite
99.95	105.20		Granite - Undifferentiated
105.20	108.20	Hr	Hybrid Classic Red
108.20	110.15		Hybrid Classic Red
110.15	130.00	Upd	Peridotite

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
99.95	105.20	0.1			0.1
105.20	108.20	1.0			1.0
		0.9			0.9
108.20	110.15	2.0			2.0
110.15	130.00	1.5	0.1	0.5	0.9

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
101.20	103.20	2.00	H744159	0.0035	0.002	16	9	0.002	0.250	2	18	2.59
103.20	105.20	2.00	H744161	0.0006	0.001	14	9	0.001	0.250	2	15	
105.20	107.00	1.80	H744162	0.0243	0.025	15	29	0.001	0.250	13	39	
107.00	109.00	2.00	H744163	0.0005	0.001	50	20	0.001	0.250	27	12	
109.00	110.15	1.15	H744164	0.0375	0.025	334	136	0.005	0.500	45	310	
110.15	112.00	1.85	H744165	0.3430	0.329	976	949	0.022	0.800	113	1355	2.95
112.00	114.00	2.00	H744166	0.3040	0.297	810	1050	0.019	0.700	119	1695	
114.00	116.00	2.00	H744167	0.2860	0.274	736	1030	0.019	0.800	118	1810	
116.00	118.00	2.00	H744168	0.1420	0.127	390	948	0.011	0.250	114	1930	
118.00	120.00	2.00	H744169	0.2630	0.257	702	1050	0.020	0.900	119	1870	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
110.15	130.00	Upd	Peridotite
130.00	138.00		Peridotite
138.00	142.00	Mgm	Gabbro - Melanocratic
142.00	151.00	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.1	0.5	0.9
1.1	0.1		1.0
4.9	0.9	1.0	3.0
1.9	0.1	0.9	0.9
2.5	0.5	2.0	
3.0	1.0	2.0	
2.0	0.5	1.0	0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.00	122.00	2.00	H744171	0.2300	0.234	649	1040	0.017	0.700	120	1905	2.94
122.00	124.00	2.00	H744172	0.1770	0.169	479	1030	0.013	0.250	116	1975	
124.00	126.00	2.00	H744173	0.5250	0.527	1465	1390	0.034	1.000	139	2030	
126.00	128.00	2.00	H744174	0.5030	0.502	1220	1260	0.037	1.000	127	2060	
128.00	129.00	1.00	H744175	0.2270	0.217	524	1080	0.018	0.800	120	2130	
129.00	130.00	1.00	H744176	0.8000	0.797	1910	1520	0.050	1.300	141	2180	2.97
130.00	131.00	1.00	H744177	2.3400	2.220	4950	2520	0.140	3.700	190	2140	2.96
131.00	132.00	1.00	H744178	2.0100	1.920	4060	2220	0.110	1.500	175	2270	2.98
132.00	133.00	1.00	H744179	1.8900	1.800	3660	2200	0.110	1.800	160	2690	2.93
133.00	134.00	1.00	H744181	1.5200	1.390	2820	2020	0.090	0.900	147	2760	2.96
134.00	136.00	2.00	H744182	0.3920	0.386	882	1220	0.030	0.700	117	2120	2.93
136.00	138.00	2.00	H744183	0.4070	0.419	985	1140	0.034	0.700	115	1970	2.88
138.00	139.00	1.00	H744184	0.1640	0.160	412	919	0.013	0.250	104	1740	2.93
139.00	140.00	1.00	H744185	0.4250	0.444	1040	1090	0.033	0.600	108	1650	2.94
140.00	141.00	1.00	H744186	1.4600	1.330	3010	1820	0.090	1.900	138	1870	3.00
141.00	142.00	1.00	H744187	0.6540	0.691	1470	1260	0.045	0.800	115	1630	2.97
142.00	143.00	1.00	H744188	1.2400	1.150	2630	1800	0.080	2.000	140	2200	2.98
143.00	144.00	1.00	H744189	2.3300	2.120	4940	2390	0.140	3.400	159	2410	3.00
144.00	145.00	1.00	H744190	3.0700	2.720	5960	2070	0.230	5.100	141	2520	2.96
145.00	146.00	1.00	H744191	2.1200	1.820	4380	1810	0.170	4.200	146	2310	2.93
146.00	148.00	2.00	H744192	0.3220	0.314	895	1320	0.026	0.700	128	2270	
148.00	150.00	2.00	H744193	0.2120	0.208	636	1300	0.012	0.500	125	2420	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
142.00	151.00	Upd	Peridotite
151.00	160.20	Mgm	Gabbro - Melanocratic
160.20	162.10	Hg	Hybrid Grey
162.10	168.10	Fgd	Granodiorite
168.10	170.00	Fgd	Granite
170.00	210.00	Fgd	Granodiorite

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
142.00	151.00	2.0	0.5	1.0	0.5
151.00	160.20	0.6	0.1		0.5
160.20	162.10	0.5			0.5
162.10	168.10	0.1			0.1
168.10	170.00				
170.00	210.00				

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	151.00	1.00	H744194	0.1800	0.182	610	1290	0.015	0.600	134	2790	
151.00	153.00	2.00	H744195	0.3080	0.317	974	1450	0.026	1.100	138	2540	
153.00	155.00	2.00	H744196	0.4360	0.421	1380	1590	0.039	1.100	140	2580	
155.00	157.00	2.00	H744197	0.4040	0.372	1290	1250	0.040	1.200	127	2350	2.95
157.00	159.00	2.00	H744198	0.0252	0.023	143	521	0.004	0.250	100	1110	
159.00	160.20	1.20	H744199	0.0112	0.013	120	648	0.003	0.250	111	1200	
160.20	162.10	1.90	H744201	0.0010	0.002	42	58	0.001	0.250	60	60	
162.10	164.00	1.90	H744202	0.0019	0.002	10	11	0.001	0.250	4	22	
164.00	166.00	2.00	H744203	0.0005	0.001	4	5	0.001	0.250	2	18	2.60

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
170.00	210.00	Fgd	Granodiorite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-164

Project: TBN
Claim #: 842186
Logged: Ryan Weston

Drill Company: George Downing Estate Drilling
Start Date: 25/10/2009
End Date: 27/10/2009

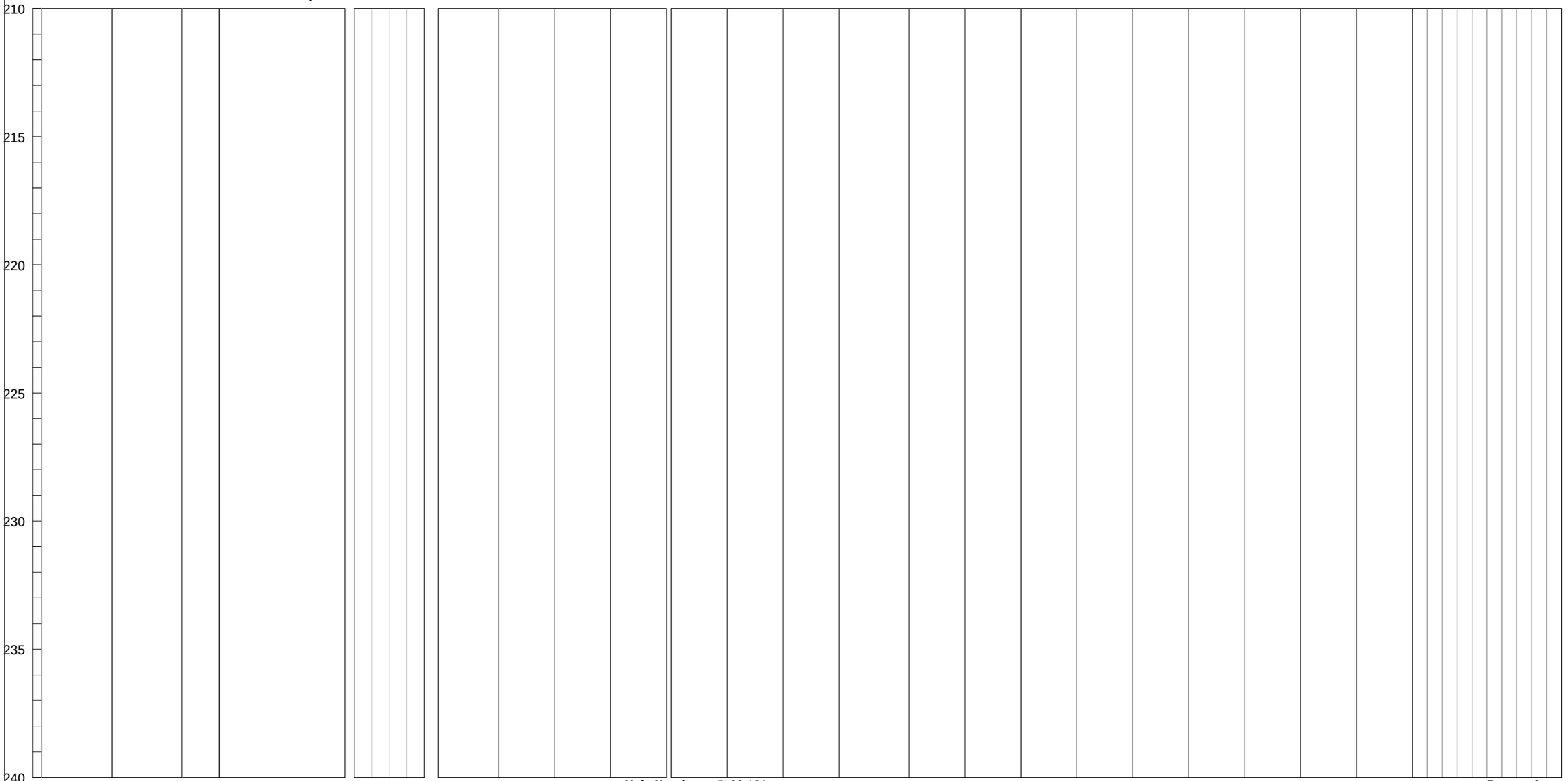
Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402556.78
Easting: 357790.17
Elevation: 506.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00



Hole Number: BL09-165

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 27/10/2009
End Date: 29/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402574.62
Easting: 357800.13
Elevation: 504.75

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	5.00	Fgd	Granodiorite
5.00	6.60		Granite
6.60	46.90		Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-165

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 27/10/2009
End Date: 29/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402574.62
Easting: 357800.13
Elevation: 504.75

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

From m	To m	Code	Rock description
6.60	46.90	Fgd	Granodiorite
46.90	49.50	Fgd	Granite
49.50	65.40	Fgd	Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-165

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 27/10/2009
End Date: 29/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402574.62
Easting: 357800.13
Elevation: 504.75

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

From m	To m	Code	Rock description
49.50	65.40	Fgd	Granodiorite
65.40	67.50		Granite
67.50	74.45		Granodiorite
74.45	75.90		Granite
75.90	85.00		Granodiorite
85.00	85.90		Granite
85.90	123.70		Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-165

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 27/10/2009
End Date: 29/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402574.62
Easting: 357800.13
Elevation: 504.75

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
85.90	123.70	Fgd	Granodiorite		0.1			0.1														

Hole Number: BL09-165

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 27/10/2009
End Date: 29/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402574.62
Easting: 357800.13
Elevation: 504.75

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

From m	To m	Code	Rock description
85.90	123.70	Fgd	Granodiorite
123.70	125.30	Fgd	Granite
125.30	144.40	Fgd	Granodiorite
144.40	146.00	Fgd	Granite
146.00	154.45	Fgd	Granodiorite

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
85.90	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-165

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 27/10/2009
End Date: 29/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402574.62
Easting: 357800.13
Elevation: 504.75

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

From m	To m	Code	Rock description
146.00	154.45	Fgd	Granodiorite
154.45	156.20		Granite
156.20	158.20		Granodiorite
158.20	158.50	Hg	Hybrid Grey
158.50	160.80	Mgm	Gabbro - Melanocratic
160.80	164.50	Hg	Hybrid Grey
164.50	166.00	Fgr	Granite
166.00	168.00		Granite
168.00	168.50		Granite
168.50	169.75		Granite
169.75	171.30		Granite
171.30	174.00		Granite
174.00	183.00		Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
1.5			1.5
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
154.20	156.20	2.00	H744204	0.0003	0.001	3	1	0.001	0.250	1	9	2.63
156.20	158.20	2.00	H744205	0.0003	0.001	1	1	0.001	0.250	1	10	
158.20	158.50	0.30	H744206	0.0028	0.002	62	125	0.001	0.250	49	231	
158.50	160.80	2.30	H744208	0.0032	0.004	63	419	0.002	0.250	97	830	
160.80	162.50	1.70	H744209	0.0003	0.001	37	81	0.001	0.250	82	81	
162.50	164.50	2.00	H744210	0.0003	0.001	37	34	0.001	0.250	49	34	
164.50	166.50	2.00	H744212	0.0003	0.001	3	2	0.001	0.250	3	7	2.63
166.50	168.50	2.00	H744213	0.0003	0.001	2	1	0.003	0.250	2	8	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-165

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 27/10/2009
End Date: 29/10/2009

Magma Metals (Canada) Ltd.

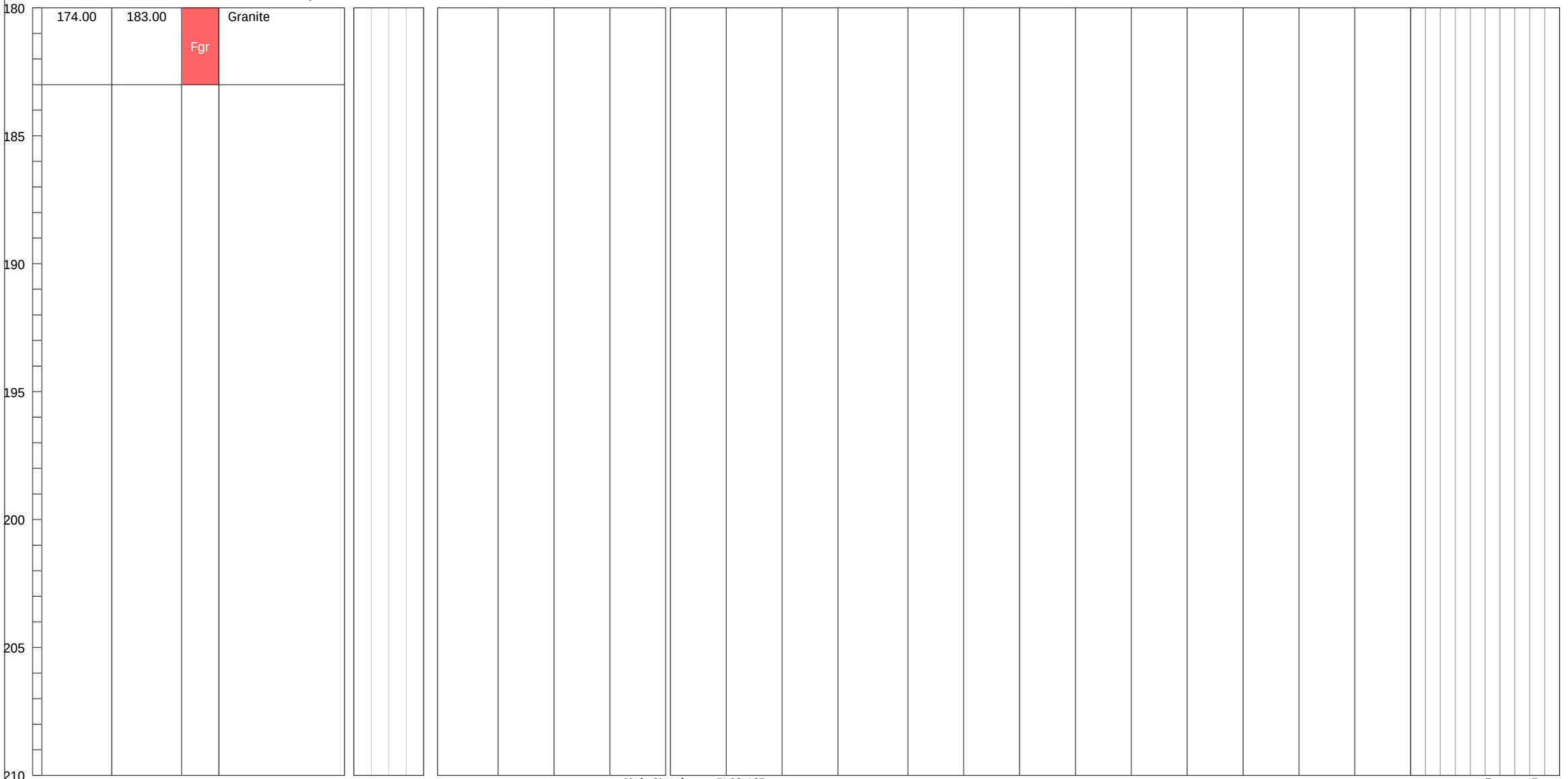
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402574.62
Easting: 357800.13
Elevation: 504.75

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description
174.00	183.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-166

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/10/2009
End Date: 31/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402573.07
Easting: 357828.50
Elevation: 505.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	26.30	Fgd	Granodiorite
26.30	28.50		Granite
28.50	62.75		Granodiorite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

0 5 10 15 20 25 30

Hole Number: BL09-166

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/10/2009
End Date: 31/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402573.07
Easting: 357828.50
Elevation: 505.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
28.50	62.75	Fgd	Granodiorite																			

Hole Number: BL09-166

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/10/2009
End Date: 31/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402573.07
Easting: 357828.50
Elevation: 505.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
28.50	62.75	Fgd	Granodiorite																			
62.75	64.10		Granite																			
64.10	65.10		Granodiorite																			
65.10	66.50		Granite																			
66.50	68.50		Granodiorite																			
68.50	69.50		Granite																			
69.50	116.90		Granite - Undifferentiated																			

Hole Number: BL09-166

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/10/2009
End Date: 31/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402573.07
Easting: 357828.50
Elevation: 505.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

From m	To m	Code	Rock description
69.50	116.90	Fgd	Granite - Undifferentiated
116.90	118.10		Granite
118.10	124.50		Granite - Undifferentiated

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-166

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/10/2009
End Date: 31/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402573.07
Easting: 357828.50
Elevation: 505.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
118.10	124.50	Fgd	Granite - Undifferentiated
124.50	131.80	Mgm	Gabbro - Melanocratic
131.80	161.00	Fg	Granite - Undifferentiated

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0			1.0
1.0			1.0
2.0	0.5	0.5	1.0
1.2	0.1	0.1	1.0
3.2	0.1	0.1	3.0
3.6	0.1	0.5	3.0
2.6	0.1	0.5	2.0
1.5	0.1	0.5	0.9
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.50	122.50	2.00	H744214	0.0003	0.001	2	3	0.001	0.250	1	6	2.61
122.50	124.50	2.00	H744215	0.0003	0.001	19	7	0.002	0.250	2	10	
124.50	126.00	1.50	H744216	0.0947	0.091	361	525	0.009	0.250	94	1190	
126.00	128.00	2.00	H744217	0.1670	0.159	463	642	0.012	0.600	91	1230	
128.00	130.00	2.00	H744219	0.1400	0.118	277	538	0.007	0.700	84	1160	
130.00	131.80	1.80	H744220	0.2110	0.191	639	589	0.014	0.700	84	1075	2.93
131.80	133.80	2.00	H744222	0.2410	0.223	196	100	0.015	0.250	7	15	
133.80	135.80	2.00	H744223	0.0027	0.002	10	10	0.002	0.250	1	16	2.61

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-166

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/10/2009
End Date: 31/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402573.07
Easting: 357828.50
Elevation: 505.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
131.80	161.00	Fg	Granite - Undifferentiated
161.00	167.30	Hg	Hybrid Grey
167.30	198.00	Fgd	Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
2.1			2.1
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
157.00	159.00	2.00	H744224	0.0006	0.001	2	3	0.002	0.250	2	9	2.62
159.00	161.00	2.00	H744225	0.0003	0.001	1	2	0.002	0.250	1	8	
161.00	163.10	2.10	H744226	0.0013	0.002	37	99	0.002	0.250	65	137	
163.10	165.20	2.10	H744227	0.0003	0.001	56	96	0.002	0.250	76	121	
165.20	167.30	2.10	H744228	0.0003	0.001	41	43	0.002	0.250	57	37	
167.30	169.30	2.00	H744230	0.0003	0.001	1	1	0.002	0.250	1	8	2.60
169.30	171.30	2.00	H744231	0.0003	0.001	1	2	0.002	0.250	1	11	2.62

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-166

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 29/10/2009
End Date: 31/10/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402573.07
Easting: 357828.50
Elevation: 505.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
167.30	198.00	Fgd	Granodiorite																			

180
185
190
195
200
205
210

Hole Number: BL09-167

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/10/2009
End Date: 01/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402636.71
Easting: 357608.36
Elevation: 496.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 186.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.30	Ovg	Overburden - Glacial																			
1.30	80.80	Fgr	Granite																			

Hole Number: BL09-167

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/10/2009
End Date: 01/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402636.71
Easting: 357608.36
Elevation: 496.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 186.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.30	80.80	Fgr	Granite																			

Hole Number: BL09-167

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/10/2009
End Date: 01/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402636.71
Easting: 357608.36
Elevation: 496.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 186.00

Lithology From m	Lithology To m	Lithology Code	Rock description	Magsus (0 100 200)	Sulphide %	Cpy %	Po %	Py %
1.30	80.80	Fgr	Granite		0.1			0.1
80.80	82.20	Hg	Hybrid Grey		3.1			3.1
82.20	84.10	Mgm	Gabbro - Melanocratic		1.1 1.6 3.6 5.6 3.6		0.5 0.5 0.5 0.5	1.1 1.1 3.1 5.1 3.1
84.10	93.45	Fg	Granite - Undifferentiated					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
77.00	79.00	2.00	H744232	0.0003	0.001	1	8	0.002	0.250	1	8	2.59
79.00	80.80	1.80	H744233	0.0010	0.001	9	7	0.002	0.250	2	9	
80.80	82.20	1.40	H744234	0.0054	0.002	132	73	0.003	0.600	46	133	
82.20	84.10	1.90	H744235	0.0543	0.050	235	488	0.007	1.000	84	790	
84.10	86.00	1.90	H744236	0.0829	0.085	77	60	0.006	0.250	5	15	
86.00	88.00	2.00	H744237	0.0009	0.001	2	9	0.002	0.250	1	8	2.59
88.00	90.00	2.00	H744238	0.0003	0.001	5	2	0.002	0.250	1	6	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-167

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/10/2009
End Date: 01/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402636.71
Easting: 357608.36
Elevation: 496.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 186.00

Lithology From m	To m	Code	Rock description
84.10	93.45	Fg	Granite - Undifferentiated
93.45	118.15	Mgm	Gabbro - Melanocratic
118.15	127.70	Fgr	Granite

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
93.45	95.00	2.0	0.5	0.5	1.0
95.00	97.00	1.5	0.5	0.5	0.5
97.00	99.00	1.9	0.5	0.5	0.9
99.00	101.00	2.3	0.5	0.9	0.9
101.00	103.00	1.5	0.5	0.5	0.5
103.00	105.00	1.9	0.5	0.9	0.5
105.00	106.00	0.7	0.1	0.5	0.1
106.00	107.00	2.3	0.5	0.9	0.9
107.00	109.00	9.0	1.0	3.0	5.0
109.00	111.00	3.5	0.5	1.0	2.0
111.00	112.00	1.6	0.5	1.0	0.1
112.00	114.00	0.7	0.1	0.5	0.1
114.00	115.50	2.4	0.5	1.0	0.9
115.50	117.00	4.8	0.9	0.9	3.0
117.00	118.15	2.9	0.9	1.0	1.0
118.15	119.00	3.4	0.9	2.0	0.5
119.00	120.00	1.1	0.5	0.5	0.1
		3.0	0.9	2.0	0.1
		2.3	0.5	0.9	0.9
		2.5	0.5	1.0	1.0
		2.9	1.0	0.9	1.0
		0.3	0.1	0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
90.00	92.00	2.00	H744239	0.0003	0.001	3	5	0.002	0.250	1	9	
92.00	93.45	1.45	H744241	0.0003	0.001	5	2	0.002	0.250	1	8	
93.45	95.00	1.55	H744242	0.0647	0.052	289	494	0.008	0.250	79	1090	
95.00	97.00	2.00	H744243	0.2680	0.246	693	701	0.022	0.250	93	1355	
97.00	99.00	2.00	H744244	0.2860	0.268	643	835	0.018	0.500	98	1570	2.94
99.00	101.00	2.00	H744245	0.2970	0.266	605	858	0.020	1.000	99	1790	
101.00	103.00	2.00	H744246	0.1640	0.141	370	923	0.013	0.250	104	2400	
103.00	105.00	2.00	H744247	0.1260	0.104	308	932	0.010	0.500	103	2570	
105.00	106.00	1.00	H744248	0.7770	0.750	1450	1345	0.048	1.200	116	2100	
106.00	107.00	1.00	H744249	1.5000	1.380	2810	1515	0.100	2.100	121	1580	
107.00	109.00	2.00	H744251	1.0200	0.930	2030	1295	0.070	1.700	115	1720	2.98
109.00	111.00	2.00	H744252	1.4400	1.360	3010	1945	0.080	2.200	143	1910	
111.00	112.00	1.00	H744253	0.9840	0.905	2130	1595	0.065	1.400	130	2040	
112.00	114.00	2.00	H744254	0.0816	0.066	208	885	0.007	0.250	104	1990	
114.00	115.50	1.50	H744255	0.2990	0.260	655	984	0.021	0.700	105	2000	
115.50	117.00	1.50	H744256	0.2380	0.206	520	865	0.021	0.900	98	1810	
117.00	118.15	1.15	H744257	0.5840	0.512	1185	1175	0.039	0.900	109	1740	2.89
118.15	119.00	0.85	H744258	2.0800	2.000	4680	736	0.170	1.300	31	47	
119.00	120.00	1.00	H744259	0.0907	0.084	127	75	0.006	0.600	5	16	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-167

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/10/2009
End Date: 01/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402636.71
Easting: 357608.36
Elevation: 496.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 186.00

Lithology From m	To m	Code	Rock description
118.15	127.70	Fgr	Granite
127.70	134.35	Mgm	Gabbro - Melanocratic
134.35	135.50	Hg	Hybrid Grey
135.50	152.00	Fgr	Granite

Magsus (0 – 100 – 200)

Sulphide %	Cpy %	Po %	Py %
1.5	0.1	0.5	0.9
2.6	0.1	0.5	2.0
1.1		0.1	1.0
3.5		0.5	3.0
0.9			0.9
5.0			5.0
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.00	122.00	2.00	H744261	0.1720	0.122	29	20	0.014	1.000	2	9	
122.00	124.00	2.00	H744262	0.0017	0.001	3	4	0.002	0.600	1	9	
124.00	126.00	2.00	H744263	0.0014	0.001	2	2	0.002	0.700	1	8	
126.00	127.70	1.70	H744264	0.0010	0.001	2	6	0.002	0.500	2	12	2.58
127.70	129.00	1.30	H744265	0.0293	0.023	134	820	0.005	0.250	103	2060	
129.00	131.00	2.00	H744266	0.0871	0.074	346	1065	0.009	0.800	117	2210	
131.00	133.00	2.00	H744267	0.0426	0.037	202	882	0.006	0.700	117	2080	
133.00	134.35	1.35	H744268	0.0067	0.007	82	688	0.003	0.250	123	1250	
134.35	135.50	1.15	H744269	0.0010	0.001	70	55	0.002	0.800	44	26	
135.50	137.50	2.00	H744270	0.0023	0.002	2	4	0.002	0.250	3	7	
137.50	139.50	2.00	H744271	0.0006	0.001	1	1	0.002	0.250	1	10	2.60

Pt + Pd (ppm) (0 – 2 – 4 – 6 – 8 – 10)

Hole Number: BL09-167

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/10/2009
End Date: 01/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402636.71
Easting: 357608.36
Elevation: 496.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 186.00

Lithology From m	To m	Code	Rock description
135.50	152.00	Fgr	Granite
152.00	152.90		Granite
152.90	176.35		Granite
176.35	177.15		Granite
177.15	186.00		Granite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

150 155 160 165 170 175 180

Hole Number: BL09-167

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 31/10/2009
End Date: 01/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402636.71
Easting: 357608.36
Elevation: 496.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 186.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
177.15	186.00	Fgr	Granite																			

180
185
190
195
200
205
210

Hole Number: BL09-168

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/11/2009
End Date: 03/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402620.13
Easting: 357599.23
Elevation: 496.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 188.50

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.00	Ovg	Overburden - Glacial																			
1.00	49.00	Fgd	Granodiorite																			

Hole Number: BL09-168

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/11/2009
End Date: 03/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402620.13
Easting: 357599.23
Elevation: 496.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 188.50

From m	To m	Code	Rock description
1.00	49.00	Fgd	Granodiorite
49.00	51.00		Granite
51.00	56.70		Granodiorite
56.70	57.90		Granite
57.90	77.00		Granodiorite

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

30 35 40 45 50 55 60

Hole Number: BL09-168

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/11/2009
End Date: 03/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402620.13
Easting: 357599.23
Elevation: 496.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 188.50

Lithology From m	To m	Code	Rock description
57.90	77.00	Fgd	Granodiorite
77.00	78.20	Hg	Hybrid Grey
78.20	137.10	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
3.1			3.1
1.1			1.1
1.1	0.1		1.0
3.7	0.1	0.5	3.1
5.0	0.9	2.0	2.1
10.0	0.9	2.0	7.1
4.1	0.5	0.5	3.1
1.7	0.1	0.5	1.1
3.5	0.5	0.9	2.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
73.00	75.00	2.00	H744272	0.0006	0.001	7	4	0.002	0.250	1	13	2.62
75.00	77.00	2.00	H744273	0.0120	0.011	29	12	0.002	0.250	3	17	
77.00	78.20	1.20	H744274	0.0154	0.012	169	81	0.004	0.250	44	136	
78.20	80.00	1.80	H744275	0.0694	0.065	297	593	0.010	0.500	93	1170	
80.00	82.00	2.00	H744276	0.1080	0.096	341	641	0.010	0.250	90	1130	
82.00	84.00	2.00	H744277	0.1700	0.157	507	782	0.013	1.000	100	1320	2.88
84.00	85.00	1.00	H744278	0.1925	0.178	590	844	0.014	0.500	102	1330	
85.00	86.00	1.00	H744279	1.1900	1.140	3060	1715	0.070	1.600	148	1430	
86.00	87.00	1.00	H744281	0.5930	0.581	1765	1215	0.036	1.300	119	1350	
87.00	89.00	2.00	H744282	0.3640	0.353	982	897	0.024	0.700	106	1440	
89.00	90.00	1.00	H744283	0.2790	0.263	714	844	0.017	0.900	105	1330	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-168

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/11/2009
End Date: 03/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402620.13
Easting: 357599.23
Elevation: 496.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 188.50

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
78.20	137.10	Mgm	Gabbro - Melanocratic		5.1	1.0	2.0	2.1
					8.1	1.0	2.0	5.1
					8.1	2.0	5.0	1.1
					10.1	2.0	3.0	5.1
					4.6	0.5	1.0	3.1
					3.6	1.0	0.5	2.1
					2.6	1.0	1.0	0.6
					1.6	0.5	0.5	0.6
					2.1	0.5	1.0	0.6
					1.7	0.5	1.0	0.2
					1.6	0.5	0.9	0.2
					2.5	0.5	0.9	1.1
					1.6	0.5	0.5	0.6
					2.0	0.5	0.5	1.0
					1.6	0.5	0.5	0.6
					2.4	0.5	0.9	1.0
					5.6	0.5	2.0	3.1
					2.5	0.5	1.0	1.0
					2.7	0.5	2.0	0.2
					3.9	2.0	0.9	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
90.00	91.00	1.00	H744284	0.8160	0.861	1920	1390	0.042	0.900	124	1290		
91.00	92.00	1.00	H744285	1.8400	1.880	4040	2110	0.100	2.300	162	1260		
92.00	93.00	1.00	H744286	1.8400	1.730	4160	1835	0.100	2.700	149	1240		
93.00	94.00	1.00	H744287	1.6800	1.660	4110	1980	0.090	2.400	158	1230	2.96	
94.00	96.00	2.00	H744288	0.6730	0.645	1455	971	0.055	1.300	103	1480		
96.00	98.00	2.00	H744289	0.3590	0.338	793	1035	0.023	0.900	114	1880		
98.00	100.00	2.00	H744291	0.0876	0.080	266	868	0.007	0.250	109	2040		
100.00	102.00	2.00	H744292	0.1320	0.127	309	926	0.009	0.250	111	2080		
102.00	104.00	2.00	H744293	0.4020	0.378	865	1225	0.025	0.700	119	2440	2.96	
104.00	106.00	2.00	H744294	0.2300	0.207	502	1085	0.016	0.250	114	2670		
106.00	108.00	2.00	H744295	0.3580	0.342	776	1020	0.023	0.600	111	1770		
108.00	110.00	2.00	H744296	0.2460	0.227	504	983	0.017	0.600	108	1980		
110.00	112.00	2.00	H744297	0.1210	0.112	268	879	0.010	0.600	101	1990		
112.00	114.00	2.00	H744298	0.3290	0.300	761	1105	0.021	0.600	114	2130	2.97	
114.00	115.00	1.00	H744299	0.6060	0.576	1585	1480	0.038	1.200	135	2050		
115.00	117.00	2.00	H744301	0.5060	0.455	1285	1355	0.032	0.700	130	2220		
117.00	119.00	2.00	H744302	0.2620	0.238	827	1290	0.019	0.250	128	2450		
119.00	120.00	1.00	H744303	2.8800	2.380	5400	1910	0.240	5.300	144	2430		

Hole Number: BL09-168

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/11/2009
End Date: 03/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402620.13
Easting: 357599.23
Elevation: 496.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 188.50

Lithology From m	To m	Code	Rock description
78.20	137.10	Mgm	Gabbro - Melanocratic
137.10	140.15	Hg	Hybrid Grey
140.15	178.50	Fgd	Granodiorite

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
120.00	122.00	2.0	0.5	0.9	0.6
		2.5	0.9	1.0	0.6
122.00	124.00	4.0	0.9	1.0	2.1
124.00	125.00	8.6	0.5	3.0	5.1
125.00	126.00	4.1	0.5	3.0	0.6
126.00	127.00	3.1	0.5	2.0	0.6
127.00	128.00	4.6	0.5	2.0	2.1
128.00	129.00	2.0	0.5	0.9	0.6
129.00	131.00	1.2	0.1	0.5	0.6
131.00	133.00	3.1	0.5	0.5	2.1
133.00	135.00	1.6	0.5	0.5	0.6
135.00	137.10	0.6			0.6
137.10	138.60				
138.60	140.15				
140.15	142.00				
142.00	144.00				

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.00	122.00	2.00	H744304	0.5050	0.469	1395	1520	0.034	1.000	141	2200	
122.00	124.00	2.00	H744305	0.4800	0.453	1390	1560	0.033	1.000	136	2270	2.96
124.00	125.00	1.00	H744306	0.7050	0.646	1965	1730	0.048	1.500	140	2330	
125.00	126.00	1.00	H744307	1.0900	1.040	3080	2290	0.080	1.800	163	2460	
126.00	127.00	1.00	H744308	0.2900	0.277	878	1375	0.023	0.250	142	2490	
127.00	128.00	1.00	H744309	0.1600	0.163	508	1220	0.014	0.250	133	2110	
128.00	129.00	1.00	H744310	0.2510	0.242	848	1365	0.019	0.500	143	2400	
129.00	131.00	2.00	H744311	0.1795	0.172	642	1315	0.015	0.700	132	2180	
131.00	133.00	2.00	H744312	0.1165	0.110	404	1190	0.011	0.250	127	2410	
133.00	135.00	2.00	H744313	0.0993	0.091	387	1135	0.009	0.250	123	1920	2.92
135.00	137.10	2.10	H744314	0.2190	0.189	773	1095	0.021	0.250	121	1840	
137.10	138.60	1.50	H744315	0.0017	0.001	68	80	0.001	0.250	69	82	
138.60	140.15	1.55	H744316	0.0009	0.001	46	28	0.002	0.250	49	21	
140.15	142.00	1.85	H744317	0.0010	0.001	4	3	0.002	0.250	1	12	
142.00	144.00	2.00	H744318	0.0008	0.001	3	2	0.002	0.250	1	12	2.63

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-168

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/11/2009
End Date: 03/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402620.13
Easting: 357599.23
Elevation: 496.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 188.50

From m	To m	Code	Rock description
140.15	178.50	Fgd	Granodiorite
178.50	181.30		Granite

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

150 155 160 165 170 175 180

Hole Number: BL09-168

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/11/2009
End Date: 03/11/2009

Magma Metals (Canada) Ltd.

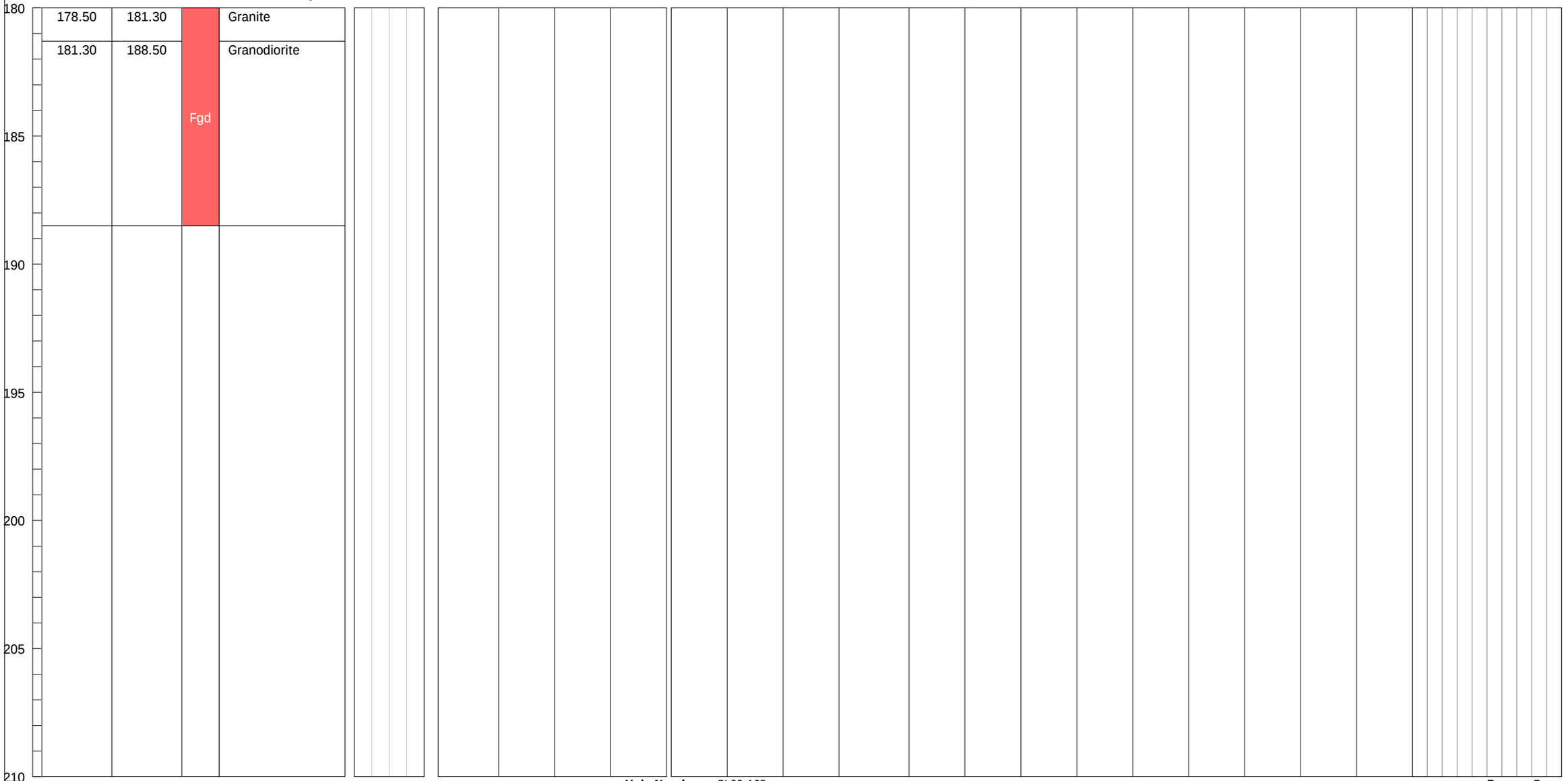
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402620.13
Easting: 357599.23
Elevation: 496.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 188.50

From m	To m	Code	Rock description
178.50	181.30	Fgd	Granite
181.30	188.50	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-169

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/11/2009
End Date: 05/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.79
Easting: 357589.81
Elevation: 499.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.50	Ovg	Overburden - Glacial																			
1.50	18.10	Fgd	Granodiorite																			
18.10	19.70		Granite																			
19.70	41.30		Granodiorite																			

Hole Number: BL09-169

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/11/2009
End Date: 05/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.79
Easting: 357589.81
Elevation: 499.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description
19.70	41.30	Fgd	Granodiorite
41.30	42.90		Granite
42.90	81.70		Granodiorite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-169

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/11/2009
End Date: 05/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.79
Easting: 357589.81
Elevation: 499.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
42.90	81.70	Fgd	Granodiorite		0.1			0.1
81.70	94.00	Spt	Siltstone					

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-169

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/11/2009
End Date: 05/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.79
Easting: 357589.81
Elevation: 499.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
81.70	94.00	Spt	Siltstone		0.1			0.1														
94.00	95.25	Fgd	Granodiorite																			
95.25	96.00	Spt	Siltstone																			
96.00	99.30	Fgd	Granodiorite																			
99.30	103.00	Spt	Siltstone																			
103.00	124.10	Fgd	Granodiorite																			

90 95 100 105 110 115 120

Hole Number: BL09-169

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/11/2009
End Date: 05/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.79
Easting: 357589.81
Elevation: 499.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 192.00

From m	To m	Code	Rock description
103.00	124.10	Fgd	Granodiorite
124.10	130.20	Spt	Siltstone
130.20	137.00	Fgd	Granodiorite
137.00	137.60	Hg	Hybrid Grey
137.60	138.80	Hr	Hybrid Classic Red
138.80	142.70	Hg	Hybrid Grey
142.70	143.90	Fgd	Granodiorite
143.90	144.80	Spt	Siltstone
144.80	145.80	Fgd	Granodiorite
145.80	146.50	Spt	Siltstone
146.50	150.00	Fgd	Granodiorite

Magsus (0 100 200)

From m	Sulphide %	Cpy %	Po %	Py %
137.00	0.5			0.5
138.80	1.0			1.0
142.70	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
133.00	135.00	2.00	H744319	0.0005	0.001	3	1	0.003	0.250	1	10	2.63
135.00	137.00	2.00	H744321	0.0003	0.001	8	7	0.002	0.250	2	11	
137.00	138.00	1.00	H744322	0.0003	0.001	23	11	0.002	0.250	36	4	
138.00	141.00	3.00	H744323	0.0008	0.001	51	38	0.002	0.250	57	34	
141.00	142.70	1.70	H744324	0.0005	0.001	39	24	0.002	0.250	47	13	
142.70	143.90	1.20	H744325	0.0003	0.001	5	2	0.002	0.250	3	6	
143.90	144.80	0.90	H744326	0.0016	0.002	32	65	0.002	0.250	20	106	2.72

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-169

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/11/2009
End Date: 05/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.79
Easting: 357589.81
Elevation: 499.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 192.00

From m	To m	Code	Rock description
150.00	165.60	Spt	Siltstone
165.60	170.45	Fgd	Granodiorite
170.45	175.50	Spt	Siltstone
175.50	192.00	Fgd	Granodiorite

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-169

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/11/2009
End Date: 05/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402601.79
Easting: 357589.81
Elevation: 499.44

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
175.50	192.00	Fgd	Granodiorite																			

180
185
190
195
200
205
210

Hole Number: BL09-170

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/11/2009
End Date: 07/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402654.68
Easting: 357618.22
Elevation: 494.05

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.30	Ovg	Overburden - Glacial																			
1.30	94.45	Fgd	Granodiorite																			

Hole Number: BL09-170

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/11/2009
End Date: 07/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402654.68
Easting: 357618.22
Elevation: 494.05

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.30	94.45	Fgd	Granodiorite																			

Hole Number: BL09-170

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/11/2009
End Date: 07/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402654.68
Easting: 357618.22
Elevation: 494.05

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

From m	To m	Code	Rock description
1.30	94.45	Fgd	Granodiorite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-170

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/11/2009
End Date: 07/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402654.68
Easting: 357618.22
Elevation: 494.05

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
1.30	94.45	Fgd	Granodiorite		0.1			0.1														
94.45	96.30		Granite																			
96.30	100.90		Granodiorite																			
100.90	104.85		Granodiorite																			
104.85	106.10		Granodiorite																			
106.10	107.25		Granite																			
107.25	125.80		Granodiorite																			

90 95 100 105 110 115 120

Hole Number: BL09-170

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/11/2009
End Date: 07/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402654.68
Easting: 357618.22
Elevation: 494.05

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

From m	To m	Code	Rock description
107.25	125.80	Fgd	Granodiorite
125.80	127.00	Hg	Hybrid Grey
127.00	128.00	Hg	Hybrid Grey
128.00	131.90	Hg	Hybrid Grey
131.90	140.15	Fgd	Granodiorite
140.15	147.10	Fgd	Granite
147.10	183.00	Fgd	Granodiorite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
1.4			1.4
2.5			2.5
5.5			5.5
2.5			2.5
1.4			1.4
1.5			1.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
122.00	124.00	2.00	H744327	0.0003	0.001	7	6	0.002	0.250	1	8	2.60
124.00	125.80	1.80	H744328	0.0003	0.001	4	1	0.003	0.250	1	8	
125.80	128.00	2.20	H744329	0.0010	0.001	29	35	0.002	1.600	46	23	
128.00	130.00	2.00	H744331	0.0009	0.001	34	80	0.002	1.600	80	82	
130.00	131.90	1.90	H744332	0.0008	0.001	39	29	0.001	1.000	44	16	2.87
131.90	134.00	2.10	H744333	0.0003	0.001	3	1	0.001	0.250	3	9	2.61
134.00	136.00	2.00	H744334	0.0005	0.001	1	1	0.002	0.250	1	7	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-170

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/11/2009
End Date: 07/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402654.68
Easting: 357618.22
Elevation: 494.05

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
147.10	183.00	Fgd	Granodiorite		0.1			0.1														

Hole Number: BL09-170

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/11/2009
End Date: 07/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402654.68
Easting: 357618.22
Elevation: 494.05

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 183.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
147.10	183.00	Fgd	Granodiorite																			

180
185
190
195
200
205
210

Hole Number: BL09-171

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/11/2009
End Date: 09/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402688.83
Easting: 357521.64
Elevation: 485.61

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 159.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.45	Ovg	Overburden - Glacial																			
1.45	44.75	Fgr	Granite																			

Hole Number: BL09-171

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/11/2009
End Date: 09/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402688.83
Easting: 357521.64
Elevation: 485.61

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 159.00

Lithology From m	To m	Code	Rock description
1.45	44.75	Fgr	Granite
44.75	51.15	Mgvt	Gabbro - VariTextured
51.15	56.00	Hg	Hybrid Grey
56.00	109.10	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
1.5			1.5
3.5			3.5
3.1			3.1
1.0			1.0
1.0	0.5	0.5	0.5
2.0	0.5	0.5	1.0
1.5	0.5	0.5	0.5
4.4	0.9	0.5	3.0
6.9	0.9	1.0	5.0
4.4	0.9	0.5	3.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
40.75	42.75	2.00	H744335	0.0007	0.001	4	2	0.002	0.500	2	13	2.60
42.75	44.75	2.00	H744336	0.0030	0.004	9	3	0.002	0.250	3	13	
44.75	47.00	2.25	H744337	0.0003	0.001	37	16	0.002	0.250	32	13	
47.00	49.00	2.00	H744338	0.0003	0.001	20	5	0.002	0.250	30	3	
49.00	51.15	2.15	H744339	0.0003	0.001	109	30	0.003	0.250	40	4	2.85
51.15	53.00	1.85	H744341	0.0047	0.002	405	137	0.004	0.700	68	29	
53.00	54.50	1.50	H744342	0.0110	0.002	373	130	0.005	0.250	49	46	
54.50	56.00	1.50	H744343	0.0214	0.006	237	135	0.007	0.250	47	359	
56.00	58.00	2.00	H744344	0.1080	0.098	376	608	0.011	0.500	86	1140	
58.00	59.00	1.00	H744345	0.5130	0.491	1550	1120	0.034	1.100	116	1600	
59.00	60.00	1.00	H744346	0.9780	0.944	2850	1670	0.061	2.000	144	1560	2.94

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-171

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/11/2009
End Date: 09/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402688.83
Easting: 357521.64
Elevation: 485.61

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 159.00

Lithology From m	To m	Code	Rock description
56.00	109.10	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
4.4	0.9	0.5	3.0
3.4	0.9	2.0	0.5
2.8	0.9	1.0	0.9
1.0	0.5	0.5	
1.4	0.5	0.9	
2.9	0.9	1.0	1.0
1.9	0.9	1.0	
1.0	0.5	0.5	
1.4	0.5	0.9	
1.8	0.9	0.9	
1.9	0.9	1.0	
3.0	1.0	1.0	1.0
4.0	1.0	0.9	2.1
2.9	1.0	0.9	1.0
2.0	0.9	1.0	0.1
2.8	0.9	0.9	1.0
1.9	0.9	1.0	
4.5	1.0	3.0	0.5
3.9	1.0	0.9	2.0
4.0	1.0	0.9	2.1
2.1	0.5	0.5	1.1
1.6	0.5	0.5	0.6
1.5	0.5	0.5	0.5
4.8	0.9	0.9	3.0
4.0	1.0	3.0	
1.5	0.5	1.0	
2.5	0.5	2.0	
2.8	0.9	0.9	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
60.00	61.00	1.00	H744347	0.8870	0.859	2640	1590	0.061	2.000	142	1900	
61.00	63.00	2.00	H744348	0.2320	0.214	694	969	0.017	0.600	113	1920	
63.00	65.00	2.00	H744349	0.1750	0.160	555	952	0.012	0.600	113	1970	
65.00	67.00	2.00	H744350	0.3420	0.317	832	1060	0.025	1.000	117	1990	
67.00	69.00	2.00	H744351	0.1410	0.126	385	946	0.011	0.250	114	2080	
69.00	70.00	1.00	H744352	0.5150	0.488	1215	1270	0.034	1.000	126	1950	2.89
70.00	71.00	1.00	H744353	1.0700	1.070	2820	1910	0.070	2.000	157	2200	
71.00	72.00	1.00	H744354	1.2600	1.240	3280	2080	0.080	2.300	159	2320	
72.00	73.00	1.00	H744355	1.4000	1.370	3460	2220	0.090	2.300	163	2410	
73.00	75.00	2.00	H744356	0.7070	0.653	1590	1510	0.045	1.200	132	2480	
75.00	77.00	2.00	H744357	0.4900	0.456	1160	1380	0.031	0.900	127	2460	
77.00	78.00	1.00	H744358	0.3160	0.292	728	1210	0.020	0.600	123	2480	
78.00	79.00	1.00	H744359	0.9650	0.910	2010	1690	0.060	1.400	139	2410	
79.00	81.00	2.00	H744361	0.3400	0.304	687	1160	0.022	0.600	118	2450	2.93
81.00	82.00	1.00	H744362	0.9700	0.919	2220	1900	0.058	1.600	156	2660	
82.00	83.00	1.00	H744363	1.3600	1.320	3230	2260	0.080	2.000	169	2380	
83.00	84.00	1.00	H744364	1.3500	1.280	3180	2060	0.090	2.100	151	2380	
84.00	85.00	1.00	H744365	1.4700	1.420	3350	2270	0.090	2.200	159	2420	
85.00	86.00	1.00	H744366	1.5900	1.550	3860	2640	0.090	2.300	179	2600	
86.00	87.00	1.00	H744367	1.4500	1.350	3290	2280	0.090	2.600	157	2680	
87.00	88.00	1.00	H744368	1.1300	1.030	2470	1890	0.070	1.800	140	2620	
88.00	89.00	1.00	H744369	0.3950	0.354	879	1410	0.027	0.900	130	2750	
89.00	91.00	2.00	H744371	1.0800	1.000	2190	1880	0.060	1.600	141	2530	3.03

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-171

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/11/2009
End Date: 09/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402688.83
Easting: 357521.64
Elevation: 485.61

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 159.00

Lithology From m	To m	Code	Rock description
56.00	109.10	Mgm	Gabbro - Melanocratic
109.10	112.35	Fgr	Granite
112.35	112.65	Hg	Hybrid Grey
112.65	159.00	Fgr	Granite

Magsus 0 100 200

From m	To m	Interval m	Sample	Sulphide %	Cpy %	Po %	Py %	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
89.00	91.00	2.00	H744371	2.9	0.9	0.9	1.1	1.0800	1.000	2190	1880	0.060	1.600	141	2530	3.03
91.00	93.00	2.00	H744372	1.6	0.5	0.5	0.6	0.4920	0.450	992	1360	0.032	0.700	119	2510	
				1.5	0.5	0.5	0.5									
				1.5	0.5	1.0										
93.00	95.00	2.00	H744373	2.5	0.5	1.0	1.0	0.9190	0.856	2000	1600	0.062	1.000	124	2310	
95.00	96.00	1.00	H744374	4.9	0.9	1.0	3.0	2.0700	1.910	4680	2870	0.120	2.600	170	2080	
96.00	97.00	1.00	H744375	9.0	2.0	2.0	5.0	3.3800	3.220	7710	4380	0.180	4.200	211	1810	
97.00	98.00	1.00	H744376	4.9	1.0	0.9	3.0	1.9900	1.800	4350	2500	0.120	2.700	151	1905	
98.00	99.00	1.00	H744377	5.0	2.0	3.0		0.9150	0.814	2080	1770	0.061	1.800	135	2270	
99.00	100.00	1.00	H744378	3.0	1.0	2.0		0.5030	0.449	1185	1360	0.034	0.600	115	2020	2.94
100.00	101.00	1.00	H744379	2.0	1.0	1.0		0.7310	0.688	1890	1830	0.050	1.300	154	2610	
101.00	102.00	1.00	H744381	3.0	1.0	2.0		1.2100	1.100	2400	1800	0.060	1.800	131	2070	
102.00	104.00	2.00	H744382	3.5	1.0	0.5	2.0	0.3880	0.358	730	998	0.031	0.250	93	1675	
				2.0	0.5	1.0	0.5									
104.00	106.00	2.00	H744383	3.0	0.9	2.0	0.1	0.1510	0.138	431	1190	0.012	0.250	122	1975	
				2.8	0.9	0.9	1.0									
				2.9	0.9	0.9	1.1									
				1.5	0.5	0.9	0.1									
106.00	106.80	0.80	H744384	1.4	0.5	0.9		0.1590	0.147	510	1280	0.015	0.250	126	1785	
106.80	107.40	0.60	H744385	6.1	1.0	5.0	0.1	0.7170	0.708	2530	2100	0.057	1.800	166	1745	
107.40	109.10	1.70	H744386	2.8	0.9	1.0	0.9	0.0155	0.014	112	628	0.003	0.250	110	1020	
				1.5	0.5	0.5	0.5									
109.10	111.00	1.90	H744387					0.0014	0.001	2	7	0.002	0.250	3	24	2.61
111.00	112.35	1.35	H744388					0.0012	0.001	3	6	0.002	0.250	3	17	
112.35	112.65	0.30	H744389	3.0			3.0	0.0027	0.002	24	20	0.001	0.250	34	15	
112.65	114.65	2.00	H744390					0.0008	0.001	1	4	0.001	0.250	3	15	2.63

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-171

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/11/2009
End Date: 09/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402688.83
Easting: 357521.64
Elevation: 485.61

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 159.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
112.65	159.00	Fgr	Granite																			

Hole Number: BL09-171

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/11/2009
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Magma Metals (Canada) Ltd.

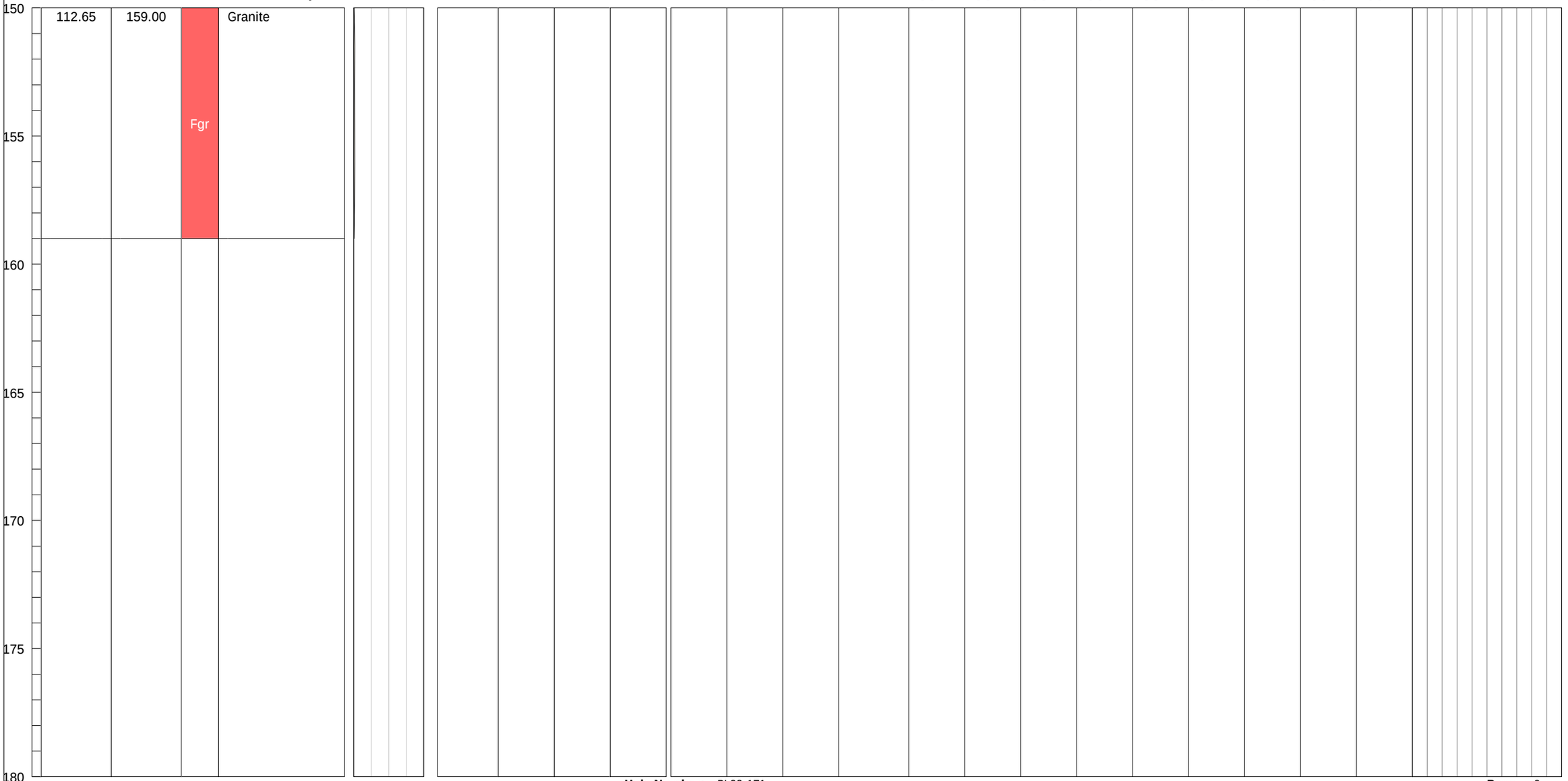
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402688.83
Easting: 357521.64
Elevation: 485.61

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 159.00

From m	To m	Code	Rock description
112.65	159.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Sulphide %	Cpy %	Po %	Py %

Hole Number: BL09-172

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/11/2009
End Date: 11/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.07
Easting: 357532.26
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 162.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	48.00	Fgr	Granite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

0 5 10 15 20 25 30

Hole Number: BL09-172

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/11/2009
End Date: 11/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.07
Easting: 357532.26
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 162.00

Lithology From m	To m	Code	Rock description
1.50	48.00	Fgr	Granite
48.00	84.00	Fgr	Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-172

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/11/2009
End Date: 11/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.07
Easting: 357532.26
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 162.00

Lithology From m	To m	Code	Rock description
48.00	84.00	Fgr	Granite
84.00	97.05	Mgm	Gabbro - Melanocratic

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1			0.1
1.0			1.0
2.0	0.5	0.5	1.0
2.0	0.5	0.9	0.6
1.6	0.5	0.5	0.6
3.1	0.5	0.5	2.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
80.00	82.00	2.00	H744391	0.0011	0.001	2	5	0.002	0.600	2	11	2.62
82.00	84.00	2.00	H744392	0.0086	0.001	12	6	0.002	0.800	1	12	
84.00	86.00	2.00	H744393	0.0860	0.070	252	588	0.007	0.250	77	1235	
86.00	88.00	2.00	H744394	0.1640	0.137	388	885	0.011	0.250	96	1975	
88.00	90.00	2.00	H744395	0.1990	0.165	402	908	0.011	0.250	96	1970	

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-172

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/11/2009
End Date: 11/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.07
Easting: 357532.26
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 162.00

Lithology From m	To m	Code	Rock description
84.00	97.05	Mgm	Gabbro - Melanocratic
97.05	101.75	Fg	Granite - Undifferentiated
101.75	102.55	Mgm	Gabbro - Melanocratic
102.55	106.45	Fg	Granite - Undifferentiated
106.45	109.15	Mgm	Gabbro - Melanocratic
109.15	112.65	Hg	Hybrid Grey
112.65	162.00	Fgr	Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
3.0	0.5	0.5	2.0
4.8	0.9	0.9	3.0
3.8	0.9	0.9	2.0
2.8	0.9	1.0	0.9
4.9	0.9	1.0	3.0
10.0	2.0	1.0	7.0
1.2	0.1	0.1	1.0
1.2	0.1	0.1	1.0
1.6	0.5	0.1	1.0
4.9	0.5	0.9	3.5
3.0	0.5	1.0	1.5
1.5			1.5
3.5			3.5
4.4			4.4
3.5			3.5
1.5			1.5
1.0			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
90.00	91.00	1.00	H744396	0.6090	0.532	1255	1285	0.031	0.700	115	2010	2.90
91.00	92.00	1.00	H744397	0.9900	0.910	2260	1570	0.060	1.300	127	1900	
92.00	93.00	1.00	H744398	0.6530	0.580	1375	1250	0.035	0.800	111	1895	
93.00	94.00	1.00	H744399	0.3020	0.262	821	1025	0.017	0.800	102	1820	
94.00	95.00	1.00	H744401	0.3390	0.292	897	1100	0.018	0.250	107	1765	
95.00	96.00	1.00	H744402	0.8190	0.723	1835	1510	0.042	0.900	122	1900	
96.00	97.05	1.05	H744403	3.0800	2.700	6980	2740	0.220	4.700	158	1650	
97.05	99.00	1.95	H744404	0.1890	0.153	90	83	0.010	0.250	5	21	
99.00	100.50	1.50	H744405	0.0089	0.008	25	14	0.003	0.250	2	20	
100.50	101.75	1.25	H744406	0.0060	0.005	16	10	0.002	0.250	3	22	2.60
101.75	102.55	0.80	H744407	0.0364	0.028	207	601	0.004	0.250	80	1325	
102.55	104.50	1.95	H744408	0.0019	0.001	22	14	0.002	1.000	6	24	
104.50	106.45	1.95	H744409	0.0021	0.002	10	9	0.002	0.250	3	17	
106.45	108.00	1.55	H744411	0.0558	0.049	233	841	0.005	0.250	102	1910	
108.00	109.15	1.15	H744412	0.2320	0.200	949	1280	0.015	0.600	124	2070	
109.15	111.00	1.85	H744413	0.0014	0.002	37	89	0.001	1.000	75	91	2.89
111.00	112.65	1.65	H744414	0.0009	0.001	30	25	0.001	0.500	41	14	
112.65	114.50	1.85	H744416	0.0007	0.001	5	5	0.001	1.100	3	9	
114.50	116.50	2.00	H744417	0.0011	0.001	3	6	0.001	0.800	2	13	
116.50	118.00	1.50	H744418	0.0003	0.001	7	5	0.001	1.400	7	11	2.64

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-172

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/11/2009
End Date: 11/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.07
Easting: 357532.26
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 162.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
112.65	162.00	Fgr	Granite		0.1			0.1														

Hole Number: BL09-172

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/11/2009
End Date: 11/11/2009

Magma Metals (Canada) Ltd.

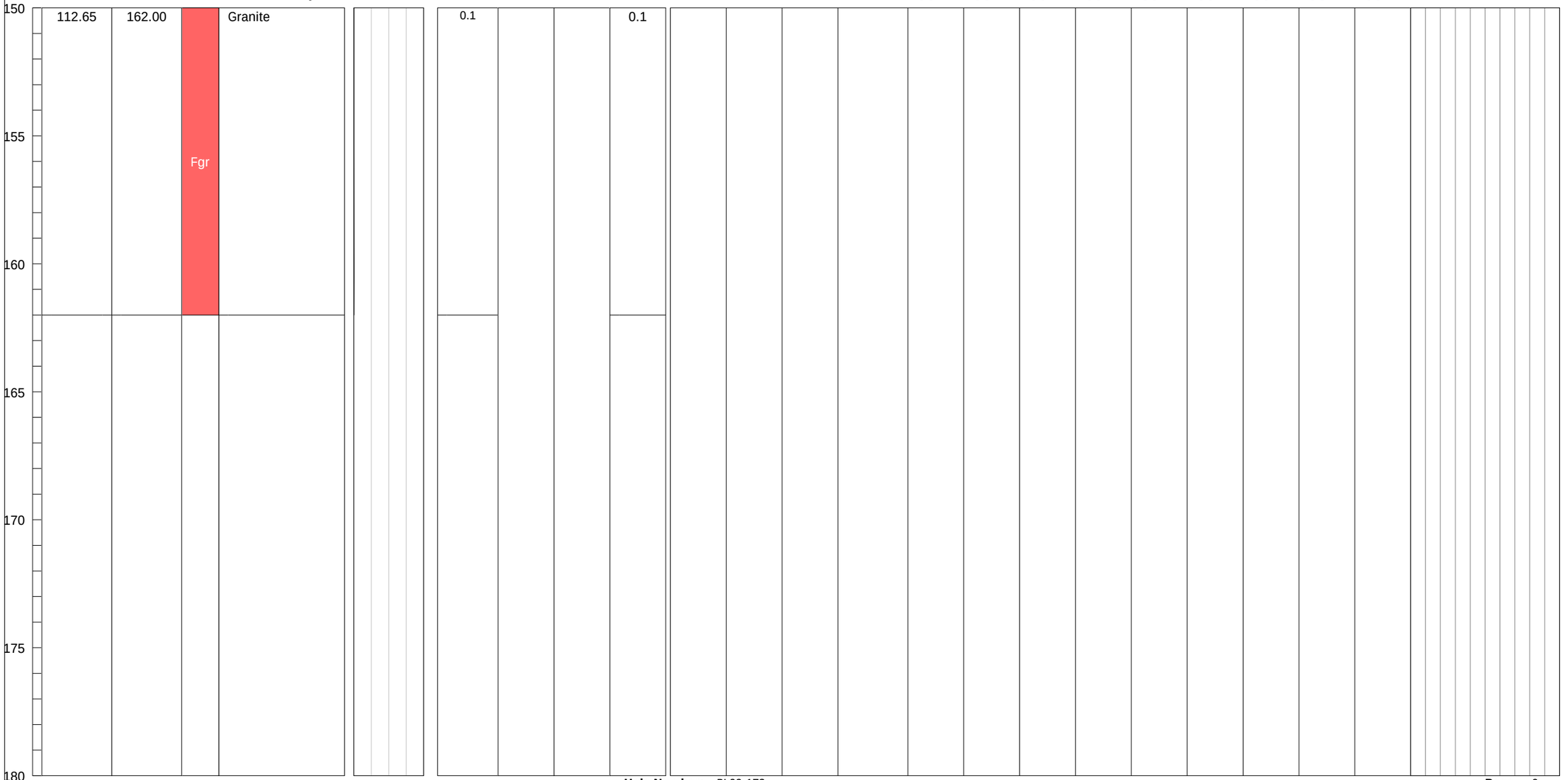
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402705.07
Easting: 357532.26
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 162.00

From m	To m	Code	Rock description
112.65	162.00	Fgr	Granite



Hole Number: BL09-173

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 12/11/2009
End Date: 13/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402722.96
Easting: 357547.82
Elevation: 489.12

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.00	Ovg	Overburden - Glacial																			
1.00	115.20	Fgr	Granite																			

Hole Number: BL09-173

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 12/11/2009
End Date: 13/11/2009

Magma Metals (Canada) Ltd.

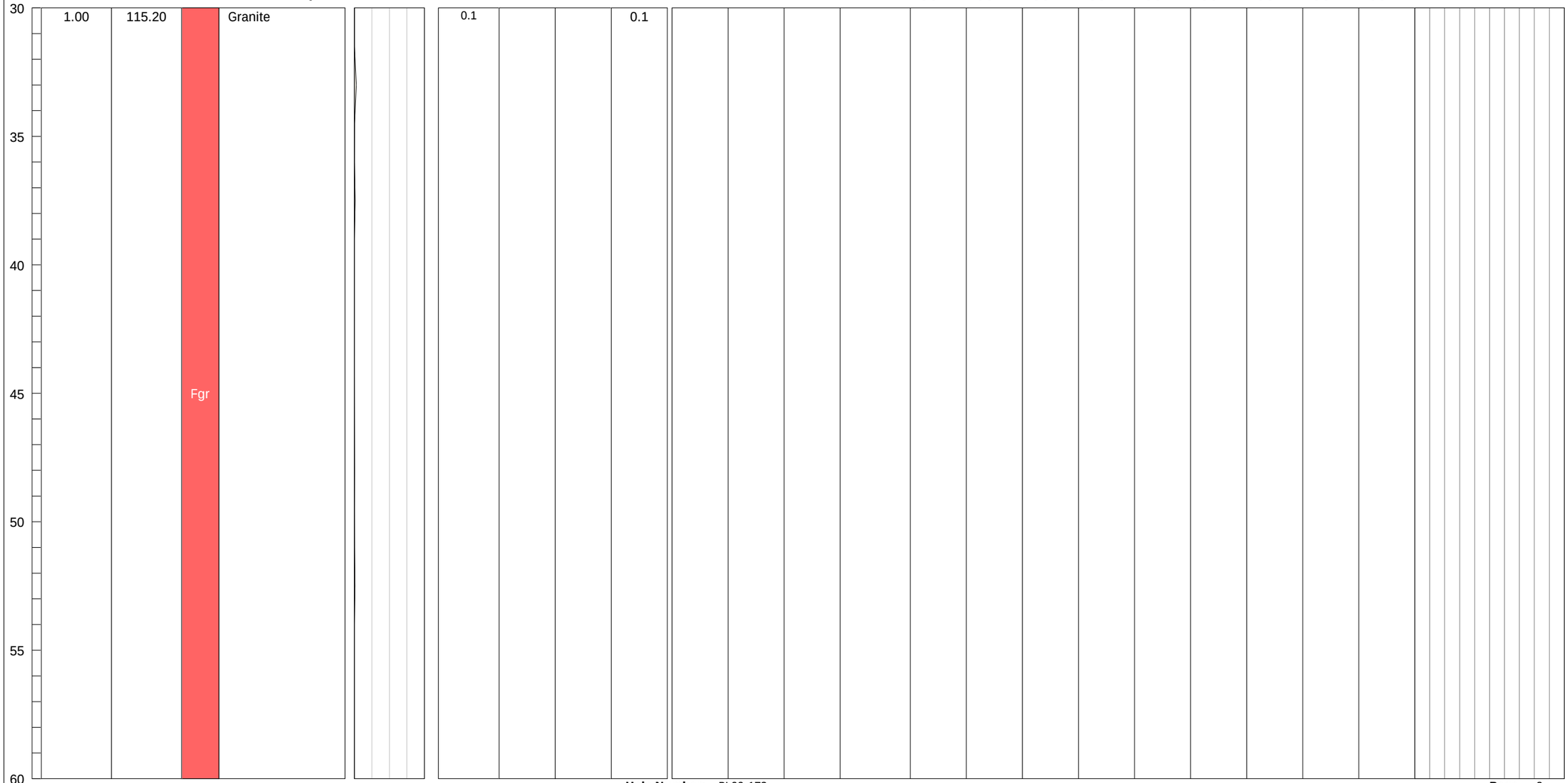
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402722.96
Easting: 357547.82
Elevation: 489.12

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

From m	To m	Code	Rock description
1.00	115.20	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-173

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 12/11/2009
End Date: 13/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402722.96
Easting: 357547.82
Elevation: 489.12

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.00	115.20	Fgr	Granite		0.1			0.1														

Hole Number: BL09-173

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 12/11/2009
End Date: 13/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402722.96
Easting: 357547.82
Elevation: 489.12

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology From m	To m	Code	Rock description
1.00	115.20	Fgr	Granite
115.20	116.60	Hg	Hybrid Grey
116.60	117.00	Fgr	Granite
117.00	121.35	Hc	Hybrid Classic Red

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	Sulphide %	Py %
1.00	0.1	0.1
115.20	2.1	2.1
116.60	0.1	0.1
117.00	1.0	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
109.00	110.75	1.75	H744419	0.0005	0.001	3	2	0.001	0.250	2	5	2.60
110.75	113.00	2.25	H744421	0.0007	0.001	8	6	0.001	0.800	7	5	
113.00	115.20	2.20	H744422	0.0005	0.001	3	2	0.001	0.250	3	7	
115.20	116.60	1.40	H744423	0.0008	0.001	23	12	0.001	1.400	33	5	
116.60	117.00	0.40	H744424	0.0014	0.001	3	1	0.001	0.250	2	9	
117.00	119.20	2.20	H744425	0.0005	0.001	33	33	0.001	0.250	50	22	
119.20	121.35	2.15	H744426	0.0005	0.001	32	27	0.001	0.250	45	17	2.76

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-173

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 12/11/2009
End Date: 13/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402722.96
Easting: 357547.82
Elevation: 489.12

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
117.00	121.35	Hr	Hybrid Classic Red		1.0			1.0
121.35	136.50	Fgr	Granite		0.1			0.1
136.50	137.80		Granite					
137.80	139.10		Granite					
139.10	139.70		Granite					
139.70	165.00		Granite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
119.20	121.35	2.15	H744426	0.0005	0.001	32	27	0.001	0.250	45	17	2.76
121.35	123.35	2.00	H744427	0.0003	0.001	1	2	0.001	0.250	3	16	
123.35	125.35	2.00	H744428	0.0008	0.001	1	2	0.001	0.250	2	6	2.61

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-173

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 12/11/2009
End Date: 13/11/2009

Magma Metals (Canada) Ltd.

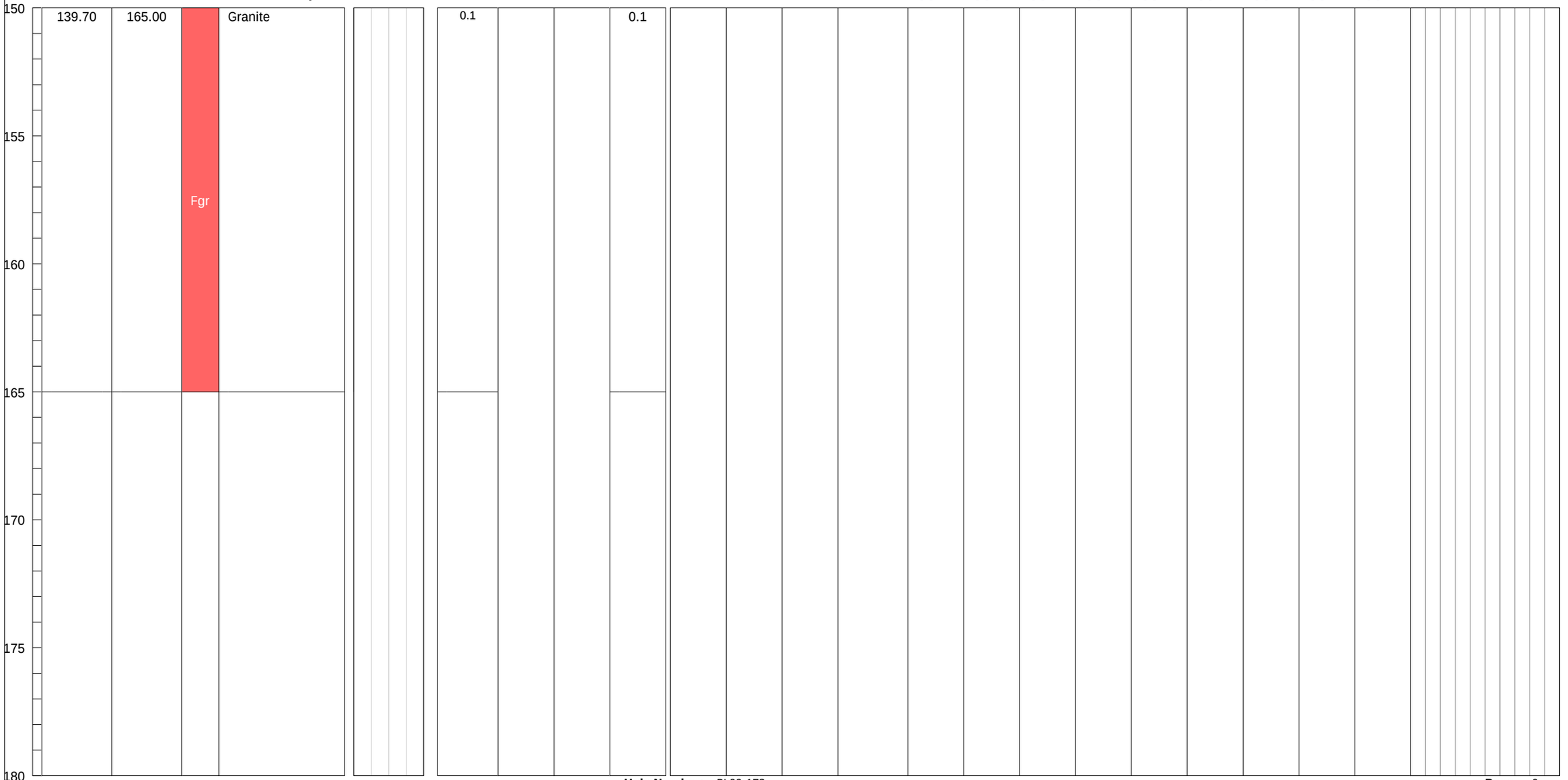
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402722.96
Easting: 357547.82
Elevation: 489.12

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

From m	To m	Code	Rock description
139.70	165.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-174

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 14/11/2009
End Date: 15/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402670.41
Easting: 357515.73
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	2.25	Ovg	Overburden - Glacial																			
2.25	109.20	Fgr	Granite																			

Hole Number: BL09-174

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 14/11/2009
End Date: 15/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402670.41
Easting: 357515.73
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
2.25	109.20	Fgr	Granite		0.1			0.1														

Hole Number: BL09-174

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 14/11/2009
End Date: 15/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402670.41
Easting: 357515.73
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology From m	To m	Code	Rock description
2.25	109.20	Fgr	Granite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
71.00	73.00	2.00	H744429	0.0008	0.001	1	2	0.001	0.250	2	7	2.60
73.00	74.00	1.00	H744431	0.0003	0.001	1	1	0.001	0.250	2	5	
74.00	76.00	2.00	H744432	0.0003	0.001	1	1	0.001	0.250	2	10	2.61

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.1			0.1
0.5			0.5

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-174

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 14/11/2009
End Date: 15/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402670.41
Easting: 357515.73
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

From m	To m	Code	Rock description
2.25	109.20	Fgr	Granite
109.20	114.80	Hg	Hybrid Grey
114.80	165.00	Fgr	Granite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1			0.1
5.1			5.1
5.1			5.1
2.1			2.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
105.20	107.20	2.00	H744433	0.0003	0.001	1	1	0.001	0.250	1	5	2.59
107.20	109.20	2.00	H744434	0.0008	0.001	1	2	0.001	0.250	2	6	
109.20	111.00	1.80	H744435	0.0226	0.018	110	191	0.004	0.250	53	388	
111.00	113.00	2.00	H744436	0.0009	0.001	41	59	0.001	0.250	65	56	2.85
113.00	114.80	1.80	H744437	0.0010	0.001	42	28	0.001	0.250	49	22	
114.80	116.80	2.00	H744438	0.0003	0.001	1	2	0.001	0.250	2	6	
116.80	118.80	2.00	H744439	0.0003	0.001	1	1	0.001	0.250	1	7	2.61

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-174

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 14/11/2009
End Date: 15/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402670.41
Easting: 357515.73
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
114.80	165.00	Fgr	Granite		0.1			0.1														
					0.2			0.1														
					0.1			0.1														

Hole Number: BL09-174

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 14/11/2009
End Date: 15/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402670.41
Easting: 357515.73
Elevation: 487.19

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 165.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
114.80	165.00	Fgr	Granite		0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-175

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/11/2009
End Date: 17/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402586.70
Easting: 357697.04
Elevation: 494.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 197.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.30	Ovg	Overburden - Glacial																			
1.30	47.90	Fgd	Granodiorite																			

Hole Number: BL09-175

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/11/2009
End Date: 17/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402586.70
Easting: 357697.04
Elevation: 494.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 197.00

Lithology From m	To m	Code	Rock description
1.30	47.90	Fgd	Granodiorite
47.90	49.50		Granite
49.50	71.20		Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-175

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/11/2009
End Date: 17/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402586.70
Easting: 357697.04
Elevation: 494.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 197.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
49.50	71.20	Fgd	Granodiorite		0.1			0.1														
71.20	72.30		Granite																			
72.30	98.00		Granodiorite																			

60 65 70 75 80 85 90

Hole Number: BL09-175

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/11/2009
End Date: 17/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402586.70
Easting: 357697.04
Elevation: 494.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 197.00

Lithology From m	To m	Code	Rock description
72.30	98.00	Fgd	Granodiorite
98.00	99.70	Hg	Hybrid Grey
99.70	117.00	Upd	Peridotite
117.00	146.75	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
72.30	98.00	0.1			0.1
98.00	99.70	0.6			0.6
99.70	117.00	2.2	0.1		2.1
		3.5	0.9	0.5	2.1
		3.4	0.9	0.5	2.0
		2.3	0.9	0.9	0.5
		2.5	0.5		2.0
		1.5	0.5	0.5	0.5
		1.9	0.9	1.0	
		3.0	1.0	2.0	
		7.0	2.0	5.0	
		2.9	0.9	1.0	1.0
		1.9	0.9	1.0	
117.00	146.75	2.5	1.0	1.0	0.5
		6.0	1.0	0.5	5.0
		2.5	1.0	1.0	1.0
		2.0	1.0		
		13.0	3.0	10.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
94.00	96.00	2.00	H744441	0.0016	0.001	5	3	0.001	0.250	1	14	2.63
96.00	98.00	2.00	H744442	0.0014	0.001	5	4	0.001	0.500	2	8	
98.00	99.70	1.70	H744443	0.0321	0.026	192	161	0.004	0.250	45	407	
99.70	102.00	2.30	H744444	0.1210	0.111	392	648	0.009	0.500	95	973	
102.00	104.00	2.00	H744445	1.0300	1.070	3410	1700	0.070	1.800	159	1695	
104.00	106.00	2.00	H744446	0.7500	0.711	2290	1310	0.046	1.300	127	1430	2.93
106.00	108.00	2.00	H744447	0.9630	0.939	2490	1440	0.056	1.700	131	1780	
108.00	110.00	2.00	H744448	0.8830	0.846	2160	1550	0.050	1.600	140	1990	
110.00	111.00	1.00	H744449	0.6820	0.647	1590	1360	0.037	1.300	134	1915	
111.00	112.00	1.00	H744451	1.4500	1.440	3660	1910	0.090	1.400	159	1950	
112.00	114.00	2.00	H744452	0.6120	0.568	1445	1240	0.035	0.250	129	1950	
114.00	116.00	2.00	H744453	0.7260	0.672	1570	1470	0.037	0.250	135	2090	2.92
116.00	118.00	2.00	H744454	1.2500	1.250	3140	1880	0.080	1.000	147	2970	
118.00	119.00	1.00	H744455	0.8150	0.703	1600	1420	0.051	0.250	124	3090	
119.00	120.00	1.00	H744456	2.0200	2.130	5650	3460	0.100	2.100	228	2720	3.00

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-175

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/11/2009
End Date: 17/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402586.70
Easting: 357697.04
Elevation: 494.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 197.00

Lithology

From m	To m	Code	Rock description
117.00	146.75	Mgm	Gabbro - Melanocratic
146.75	150.30	Hg	Hybrid Grey

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
13.0	3.0	10.0	
25.0	5.0	20.0	
14.1	3.5	10.5	0.1
21.1	5.5	15.5	0.1
14.1	3.5	10.5	0.1
16.1	3.5	5.5	7.1
14.6	3.5	10.5	0.6
16.1	5.5	5.5	5.1
11.6	3.5	7.5	0.6
8.1	2.5	5.5	0.1
8.2	2.5	5.5	0.2
11.7	3.5	7.5	0.7
7.2	1.5	5.5	0.2
10.1	3.5	5.5	1.1
2.7	0.6	1.0	1.1
7.1	2.5	1.4	3.2
4.3	1.5	0.6	2.2
4.8	3.5	0.6	0.7
3.7	3.0	0.1	0.6
2.1	0.9	0.1	1.1
0.8	0.1	0.1	0.6
0.6			0.6
2.1			2.1
1.0			1.0
2.1			2.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.00	121.00	1.00	H744457	2.4300	2.670	7490	4620	0.110	1.600	302	2200	3.01
121.00	122.00	1.00	H744458	4.5000	4.710	12100	6680	0.160	3.900	394	2140	3.23
122.00	123.00	1.00	H744459	4.6800	4.730	12400	7720	0.150	2.700	445	1870	3.21
123.00	124.00	1.00	H744461	4.7900	4.810	11750	6330	0.170	3.200	382	2160	3.16
124.00	125.00	1.00	H744462	4.1500	4.340	10950	5910	0.200	3.900	350	2300	3.23
125.00	126.00	1.00	H744463	4.6500	4.710	11500	6390	0.190	3.900	366	2340	3.19
126.00	127.00	1.00	H744464	4.4600	4.320	9570	4520	0.250	5.000	260	2480	3.15
127.00	128.00	1.00	H744465	4.3100	4.170	9270	3690	0.270	5.600	220	2800	3.01
128.00	129.00	1.00	H744466	3.9800	3.780	8470	3290	0.270	5.600	200	2340	2.94
129.00	130.00	1.00	H744467	3.6800	3.540	7790	3600	0.230	4.700	214	2420	2.93
130.00	131.00	1.00	H744468	3.6900	3.440	7330	3530	0.220	4.500	209	2530	2.96
131.00	132.00	1.00	H744469	3.9500	3.570	7260	3230	0.250	4.800	191	2510	2.94
132.00	133.00	1.00	H744471	2.7300	2.440	5160	2540	0.170	3.100	171	2640	2.95
133.00	134.00	1.00	H744472	2.5900	2.240	5090	2300	0.190	3.900	164	2870	2.97
134.00	135.00	1.00	H744473	2.4700	2.290	5720	3810	0.150	2.500	233	2850	2.91
135.00	136.00	1.00	H744474	2.3500	2.450	6810	6080	0.070	1.100	319	2580	3.06
136.00	137.00	1.00	H744475	2.1300	2.100	5790	4330	0.090	1.000	245	2800	2.95
137.00	138.00	1.00	H744476	2.6900	2.570	7100	4260	0.140	2.700	236	2470	3.07
138.00	139.00	1.00	H744477	5.0600	4.420	11950	3800	0.410	9.000	207	2790	3.04
139.00	140.00	1.00	H744478	1.0100	0.880	2620	1620	0.090	1.500	145	2810	
140.00	141.00	1.00	H744479	0.4360	0.331	1305	1310	0.041	0.250	131	2900	
141.00	142.00	1.00	H744480	1.9500	1.810	5580	3320	0.130	2.800	197	2600	
142.00	143.00	1.00	H744481	1.1900	1.080	3450	2000	0.100	1.700	151	2850	
143.00	144.00	1.00	H744482	2.8100	2.400	8100	2100	0.300	6.600	138	2460	
144.00	145.50	1.50	H744483	1.3000	1.090	3470	1290	0.130	2.400	122	2040	
145.50	146.70	1.20	H744484	0.0123	0.013	79	578	0.004	0.250	117	991	
146.70	148.50	1.80	H744485	0.0058	0.005	63	77	0.003	0.250	60	93	
148.50	150.30	1.80	H744486	0.0011	0.001	44	29	0.002	0.250	47	23	2.77

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-175

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/11/2009
End Date: 17/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402586.70
Easting: 357697.04
Elevation: 494.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 197.00

Lithology From m	To m	Code	Rock description
146.75	150.30	Hg	Hybrid Grey
150.30	161.70	Fg	Granite - Undifferentiated
161.70	164.00	Fg	Granite
164.00	197.00	Fg	Granite - Undifferentiated

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
2.1			2.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
148.50	150.30	1.80	H744486	0.0011	0.001	44	29	0.002	0.250	47	23	2.77
150.30	152.30	2.00	H744487	0.0017	0.001	6	5	0.002	0.250	3	14	
152.30	154.30	2.00	H744488	0.0012	0.001	3	2	0.002	0.250	3	13	2.62

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-175

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 16/11/2009
End Date: 17/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402586.70
Easting: 357697.04
Elevation: 494.67

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 197.00

Lithology From m	To m	Code	Rock description
164.00	197.00	Fg	Granite - Undifferentiated

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

Sulphide %	Py %
0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-176

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 18/11/2009
End Date: 19/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402603.04
Easting: 357705.00
Elevation: 493.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	2.40	Ovg	Overburden - Glacial					
2.40	31.60	Fgd	Granodiorite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-176

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 18/11/2009
End Date: 19/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402603.04
Easting: 357705.00
Elevation: 493.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
2.40	31.60	Fgd	Granodiorite		0.1			0.1
31.60	32.35		Granite					
32.35	63.15		Granodiorite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-176

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 18/11/2009
End Date: 19/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402603.04
Easting: 357705.00
Elevation: 493.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
32.35	63.15	Fgd	Granodiorite
63.15	64.00	Fgq	Quartz monzonite
64.00	66.20	Fgd	Granodiorite
66.20	67.00	Fgq	Quartz monzonite
67.00	85.20	Fgd	Granodiorite
85.20	87.20		Granite
87.20	116.75		Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-176

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 18/11/2009
End Date: 19/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402603.04
Easting: 357705.00
Elevation: 493.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
87.20	116.75	Fgd	Granodiorite
116.75	144.70	Mgm	Gabbro - Melanocratic

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
0.5			0.5
1.0	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
112.75	114.75	2.00	H744489	0.0005	0.001	1	10	0.001	0.250	2	14	2.62
114.75	116.75	2.00	H744491	0.0006	0.001	5	7	0.001	0.250	2	19	
116.75	118.00	1.25	H744492	0.0781	0.068	98	208	0.008	0.250	31	456	
118.00	120.00	2.00	H744493	0.1850	0.164	395	752	0.013	0.600	89	1465	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-176

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 18/11/2009
End Date: 19/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402603.04
Easting: 357705.00
Elevation: 493.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
116.75	144.70	Mgm	Gabbro - Melanocratic
144.70	147.85	Hg	Hybrid Grey
147.85	198.00	Fg	Granite - Undifferentiated

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
116.75	120.00	1.4	0.5	0.9	
		1.0	0.5	0.5	
		1.4	0.5	0.9	0.5
		1.5	0.5	0.5	1.0
		2.4	0.9	0.5	1.0
		2.8	0.9	0.9	1.1
		2.9	0.9	0.9	1.0
		6.9	0.9	5.0	0.2
		2.1	0.9	1.0	0.1
		12.1	5.0	7.0	0.1
		2.0	0.9	1.0	0.2
		1.2	0.5	0.5	5.1
		6.5	0.5	0.9	1.1
		2.5	0.5	0.9	3.1
		6.1	1.0	2.0	2.1
		3.5	0.5	0.9	1.0
		5.0	2.0	2.0	
		4.9	2.0	2.0	0.9
		1.4	0.5	0.9	
		2.4	0.9	0.5	1.0
		1.9	0.9	1.0	
		3.0	1.0	2.0	
		5.0	2.0	3.0	
		1.5	0.5	0.9	0.1
		3.1	1.0	2.0	0.1
		4.8	0.9	0.9	3.0
		2.4	0.9	0.5	1.0
		1.1	0.5	0.1	0.5
		0.7	0.1	0.1	0.5
		2.5			2.5
		1.5			1.5
		1.1			1.1
		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
120.00	122.00	2.00	H744494	0.4990	0.452	983	1135	0.032	0.250	111	1975	
122.00	124.00	2.00	H744495	0.1780	0.159	384	850	0.011	0.250	94	2040	2.96
124.00	126.00	2.00	H744496	0.8470	0.742	1805	1365	0.059	1.400	113	2090	
126.00	127.00	1.00	H744497	0.7150	0.641	1525	1235	0.049	1.900	111	1620	
127.00	128.00	1.00	H744498	0.8560	0.776	1885	1430	0.052	1.200	119	1830	
128.00	130.00	2.00	H744499	0.5950	0.545	1450	1270	0.045	0.700	120	2070	
130.00	131.00	1.00	H745001	0.4340	0.398	1085	1230	0.029	0.250	120	2210	
131.00	132.00	1.00	H745002	1.7400	1.540	3850	1925	0.110	2.500	138	2290	
132.00	133.00	1.00	H745003	1.2400	1.130	3010	1860	0.090	2.100	140	2570	2.89
133.00	134.00	1.00	H745004	1.4200	1.220	3620	1730	0.110	3.100	130	2430	
134.00	135.00	1.00	H745005	1.6200	1.440	3820	1710	0.150	3.400	143	2820	
135.00	136.00	1.00	H745006	0.7120	0.631	2040	1475	0.055	2.000	139	2680	
136.00	137.00	1.00	H745007	0.3480	0.329	954	1370	0.028	1.000	138	2620	
137.00	139.00	2.00	H745008	0.4990	0.461	1450	1670	0.036	0.250	141	2720	
139.00	140.00	1.00	H745009	1.1200	0.990	3050	2310	0.080	2.500	153	2210	
140.00	141.00	1.00	H745011	1.2800	1.160	3400	1865	0.110	2.100	144	2580	
141.00	142.00	1.00	H745012	0.5160	0.503	1555	1615	0.041	0.500	133	2290	
142.00	143.00	1.00	H745013	0.8130	0.759	2690	1850	0.063	1.300	142	2280	2.91
143.00	144.70	1.70	H745014	0.5880	0.542	1840	859	0.057	2.200	118	1015	
144.70	146.30	1.60	H745015	0.0076	0.008	65	74	0.006	0.250	66	79	
146.30	147.85	1.55	H745016	0.0022	0.002	32	19	0.002	0.250	39	17	
147.85	149.85	2.00	H745017	0.0015	0.001	14	6	0.001	0.250	4	18	
149.85	151.85	2.00	H745018	0.0017	0.001	3	3	0.001	0.250	2	18	2.60

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-176

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 18/11/2009
End Date: 19/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402603.04
Easting: 357705.00
Elevation: 493.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
147.85	198.00	Fg	Granite - Undifferentiated		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
149.85	151.85	2.00	H745018	0.0017	0.001	3	3	0.001	0.250	2	18	2.60	

150
155
160
165
170
175
180

Hole Number: BL09-176

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 18/11/2009
End Date: 19/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402603.04
Easting: 357705.00
Elevation: 493.14

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
147.85	198.00	Fg	Granite - Undifferentiated																			

180
185
190
195
200
205
210

Hole Number: BL09-177

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 20/11/2009
End Date: 22/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402569.16
Easting: 357686.26
Elevation: 498.63

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	0.50	Ovg	Overburden - Glacial																			
0.50	60.00	Fgd	Granodiorite		0.1			0.1														

Hole Number: BL09-177

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 20/11/2009
End Date: 22/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402569.16
Easting: 357686.26
Elevation: 498.63

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.50	60.00	Fgd	Granodiorite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-177

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 20/11/2009
End Date: 22/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402569.16
Easting: 357686.26
Elevation: 498.63

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
60.00	63.30	Fgd	Granite		0.1			0.1
63.30	64.10		Granodiorite					
64.10	65.10		Granite					
65.10	120.50		Granodiorite					

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-177

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 20/11/2009
End Date: 22/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402569.16
Easting: 357686.26
Elevation: 498.63

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
65.10	120.50	Fgd	Granodiorite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
116.50	118.50	2.00	H745019	0.0005	0.001	2	2	0.001	0.250	4	11	2.57
118.50	120.50	2.00	H745020	0.0003	0.001	6	3	0.001	0.250	4	14	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-177

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 20/11/2009
End Date: 22/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402569.16
Easting: 357686.26
Elevation: 498.63

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
65.10	120.50	Fgd	Granodiorite
120.50	122.20	Mgm	Gabbro - Melanocratic
122.20	128.20	Fg	Granite - Undifferentiated
128.20	129.00	Mgm	Gabbro - Melanocratic
129.00	135.25	Fg	Granite - Undifferentiated
135.25	135.80		No Sample Core
135.80	136.15	Hg	Lost
136.15	146.05	Fg	Hybrid Grey Granite - Undifferentiated
146.05	148.95	Mgm	Gabbro - Melanocratic
148.95	152.60	Hg	Hybrid Grey

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
2.1			2.1
5.5	0.9	0.5	4.1
0.1			0.1
1.0			1.0
0.1			0.1
0.6			0.6
0.1			0.1
2.1			2.1
0.1			0.1
0.6			0.6
2.1			2.1
1.2	0.1	0.1	1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
118.50	120.50	2.00	H745020	0.0003	0.001	6	3	0.001	0.250	4	14	
120.50	122.20	1.70	H745021	0.5130	0.563	1990	439	0.020	0.500	35	172	
122.20	124.20	2.00	H745022	0.0024	0.002	7	9	0.001	0.250	1	12	
124.20	126.20	2.00	H745023	0.0044	0.004	14	4	0.001	0.250	2	13	
126.20	128.20	2.00	H745024	0.0006	0.001	27	11	0.001	0.250	4	30	2.60
128.20	129.00	0.80	H745025	0.0110	0.010	103	115	0.002	0.250	24	276	
129.00	131.00	2.00	H745027	0.0007	0.001	49	3	0.001	0.250	2	14	
131.00	133.00	2.00	H745028	0.0003	0.001	8	4	0.001	0.250	5	19	2.59
133.00	135.25	2.25	H745029	0.0015	0.001	2	2	0.001	0.250	1	15	
135.80	136.15	0.35	H745030	0.0003	0.001	5	15	0.002	0.500	40	6	
136.15	138.00	1.85	H745031	0.0003	0.001	1	1	0.002	0.250	2	11	
138.00	140.00	2.00	H745033	0.0003	0.001	1	1	0.001	0.250	2	11	
140.00	142.00	2.00	H745034	0.0003	0.001	1	1	0.001	0.250	2	12	
142.00	144.00	2.00	H745035	0.0005	0.001	1	2	0.002	0.250	3	14	2.59
144.00	146.05	2.05	H745036	0.0003	0.001	4	4	0.001	0.250	2	17	
146.05	147.55	1.50	H745037	0.0086	0.008	74	629	0.002	0.250	110	1765	
147.55	148.95	1.40	H745038	0.0070	0.006	68	665	0.002	0.250	115	1520	
148.95	150.95	2.00	H745040	0.0015	0.001	34	78	0.001	0.250	74	95	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-177

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 20/11/2009
End Date: 22/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402569.16
Easting: 357686.26
Elevation: 498.63

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
148.95	152.60	Hg	Hybrid Grey
152.60	153.60	Fg	Granite - Undifferentiated
153.60	155.00		No Sample Core Lost
155.00	157.70	Fg	Granite - Undifferentiated
157.70	158.70		No Sample Core Lost
158.70	186.60	Fgd	Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2			0.2
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
148.95	150.95	2.00	H745040	0.0015	0.001	34	78	0.001	0.250	74	95	
150.95	152.60	1.65	H745041	0.0007	0.001	38	25	0.001	0.250	44	17	2.87
152.60	156.00	3.40	H745042	0.0005	0.001	1	2	0.001	0.250	2	10	
156.00	159.00	3.00	H745043	0.0003	0.001	4	1	0.001	0.250	2	11	2.59

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-177

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 20/11/2009
End Date: 22/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402569.16
Easting: 357686.26
Elevation: 498.63

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 198.00

Lithology From m	To m	Code	Rock description
158.70	186.60	Fgd	Granodiorite
186.60	187.80		Granite
187.80	198.00		Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-178

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 22/11/2009
End Date: 23/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402505.24
Easting: 357705.45
Elevation: 503.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.80	Ovg	Overburden - Glacial																			
1.80	3.80	Spt	Siltstone																			
3.80	4.45	Fgd	Granodiorite																			
4.45	35.80	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-178

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 22/11/2009
End Date: 23/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402505.24
Easting: 357705.45
Elevation: 503.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
4.45	35.80	Spt	Siltstone
35.80	37.20	Fgd	Granodiorite
37.20	55.05	Spt	Siltstone
55.05	57.00	Fgd	Granodiorite
57.00	59.35	Spt	Siltstone
59.35	60.70	Fgd	Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

Sulphide %	Py %
0.1	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-178

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 22/11/2009
End Date: 23/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402505.24
Easting: 357705.45
Elevation: 503.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
59.35	60.70	Fgd	Granodiorite
60.70	71.25	Spt	Siltstone
71.25	74.20	Fgd	Granodiorite
74.20	137.15	SSS	Sandstone to Siltstone

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
59.35	0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-178

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 22/11/2009
End Date: 23/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402505.24
Easting: 357705.45
Elevation: 503.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
74.20	137.15	SSS	Sandstone to Siltstone		0.1			0.1														

Hole Number: BL09-178

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 22/11/2009
End Date: 23/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402505.24
Easting: 357705.45
Elevation: 503.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	Lithology To m	Lithology Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
74.20	137.15	SSS	Sandstone to Siltstone		0.1			0.1
137.15	138.60	Fgd	Granodiorite					
138.60	140.80	Spt	Siltstone					
140.80	142.70	Fgd	Granodiorite					
142.70	147.25	Spt	Siltstone					
147.25	147.55	Hg	Hybrid Grey		0.6			0.6
147.55	148.80	Spt	Siltstone		0.1			0.1
148.80	154.10	Hg	Hybrid Grey		0.6 1.1			0.6 1.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
143.25	145.25	2.00	H745044	0.0013	0.001	59	84	0.001	0.250	24	116	2.75	
145.25	147.25	2.00	H745045	0.0013	0.001	44	71	0.001	0.250	26	107		
147.25	147.55	0.30	H745046	0.0005	0.001	21	20	0.001	0.250	42	8		
147.55	148.80	1.25	H745047	0.0014	0.001	70	59	0.001	0.250	17	92		
148.80	150.10	1.30	H745048	0.0035	0.003	33	26	0.003	0.250	44	15		

Hole Number: BL09-178

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 22/11/2009
End Date: 23/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402505.24
Easting: 357705.45
Elevation: 503.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
148.80	154.10	Hg	Hybrid Grey
154.10	160.50	SSS	Sandstone to Siltstone
160.50	168.20	Fgd	Granodiorite
168.20	172.25	Spt	Siltstone
172.25	174.20	Fgd	Granodiorite
174.20	178.50	SSS	Sandstone to Siltstone
178.50	182.60	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.1			1.1
1.0			1.0
0.1			0.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
148.80	150.10	1.30	H745048	0.0035	0.003	33	26	0.003	0.250	44	15	
150.10	152.10	2.00	H745049	0.0005	0.001	37	63	0.003	0.250	71	52	
152.10	154.10	2.00	H745051	0.0007	0.001	50	30	0.003	0.250	48	12	2.69
154.10	156.10	2.00	H745052	0.0013	0.002	61	72	0.002	0.250	22	120	
156.10	158.10	2.00	H745053	0.0014	0.001	58	85	0.003	0.250	25	127	2.75

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-178

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 22/11/2009
End Date: 23/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402505.24
Easting: 357705.45
Elevation: 503.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
178.50	182.60	Fgd	Granodiorite		0.1			0.1														
182.60	183.70	Spt	Siltstone																			
183.70	187.85	Fgd	Granodiorite																			
187.85	192.60	Spt	Siltstone																			
192.60	194.50	Fgd	Granodiorite																			
194.50	201.00	Spt	Siltstone																			

180 185 190 195 200 205 210

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
0.00	1.50	Ovg	Overburden - Glacial																			
1.50	2.85	Fgd	Granodiorite																			
2.85	28.90	Spt	Siltstone		0.1			0.1														
28.90	32.80	Fgd	Granodiorite		0.2 0.6			0.1 0.5														

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

Lithology From m	To m	Code	Rock description
28.90	32.80	Fgd	Granodiorite
32.80	33.20	Spt	Siltstone
33.20	42.00	Fgd	Granodiorite
42.00	43.90	Spt	Siltstone
43.90	45.00	Fgd	Granodiorite
45.00	64.60	Spt	Siltstone

Sulphide %	Cpy %	Po %	Py %
0.6			0.5
0.2			0.1
0.1			0.1
0.5			0.5
0.6	0.1		0.5
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

From m	To m	Code	Rock description
45.00	64.60	Spt	Siltstone
64.60	66.35	Fgd	Granodiorite
66.35	70.95	Spt	Siltstone
70.95	75.40	Fgd	Granodiorite
75.40	81.15	Spt	Siltstone
81.15	83.80	Spt	Sandstone to Siltstone
83.80	87.70	Spt	Siltstone
87.70	93.90	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.1			0.1
0.5		0.1	0.5
0.6			0.5
0.5			0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

From m	To m	Code	Rock description
87.70	93.90	Fgd	Granodiorite
93.90	107.60	Spt	Siltstone
107.60	108.60	Fgd	Granodiorite
108.60	111.00	Spt	Siltstone
111.00	112.00	Fgd	Granodiorite
112.00	116.85	Spt	Siltstone
116.85	117.85	Fgd	Granodiorite
117.85	120.80	Spt	Siltstone

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
87.70	93.90	0.1			0.1
93.90	107.60	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

From m	To m	Code	Rock description
117.85	120.80	Spt	Siltstone
120.80	123.90	Fgd	Granodiorite
123.90	136.40	Spt	Siltstone
136.40	136.80	Hr	Hybrid Classic Red
136.80	137.20	Mgm	Gabbro - Melanocratic
137.20	137.60	Spt	Siltstone
137.60	137.85	Hr	Hybrid Classic Red
137.85	138.10	Hg	Hybrid Grey Peridotite
138.10	150.00	Upd	

From m	Sulphide %	Cpy %	Po %	Py %
117.85	0.5			0.5
120.80	0.1			0.1
136.40	0.5			0.5
136.80	0.5			0.5
137.20	0.1			0.1
137.85	0.6		0.1	0.5
138.10	1.1	0.1	0.5	0.5
150.00	1.1	0.1	0.1	0.9

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
132.40	134.40	2.00	H745054	0.0013	0.001	59	75	0.001	0.250	21	124	2.72
134.40	136.40	2.00	H745055	0.0015	0.002	115	89	0.001	0.250	24	149	
136.40	136.80	0.40	H745056	0.0127	0.008	142	157	0.002	0.250	44	319	
136.80	137.20	0.40	H745057	0.0166	0.012	116	379	0.002	0.250	60	742	
137.20	137.60	0.40	H745058	0.0018	0.002	195	71	0.001	0.250	22	119	
137.60	138.10	0.50	H745059	0.0473	0.042	404	131	0.003	0.250	37	231	
138.10	140.00	1.90	H745061	0.0300	0.024	173	595	0.006	0.250	80	1060	
140.00	142.00	2.00	H745062	0.0880	0.083	288	718	0.009	0.250	97	1265	
142.00	144.00	2.00	H745063	0.0943	0.089	309	736	0.008	0.250	99	1340	2.97
144.00	146.00	2.00	H745064	0.1390	0.134	420	878	0.010	0.250	109	1515	
146.00	148.00	2.00	H745065	0.3010	0.290	879	998	0.023	0.250	116	1550	
148.00	150.00	2.00	H745066	0.3990	0.369	992	1130	0.026	0.250	125	1655	

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

Lithology From m	To m	Code	Rock description
150.00	159.00	Mgm	Gabbro - Melanocratic
159.00	161.60	Spt	Siltstone
161.60	163.15	Hg	Hybrid Grey
163.15	167.00	Hg	Hybrid Grey
167.00	169.85	Spt	Siltstone
169.85	171.20	Fg	Granite - Undifferentiated
171.20	212.00	SSS	Sandstone to Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.1	0.1	0.1	0.9
1.5	0.5	0.5	0.5
1.6	0.5	0.5	0.6
2.3	0.1	0.1	2.1
3.3	0.1	0.1	3.1
0.1			0.1
1.0			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H745068	0.3040	0.270	804	1000	0.020	0.250	111	1500	
152.00	154.00	2.00	H745069	0.2040	0.198	612	911	0.017	0.250	107	1510	2.94
154.00	156.00	2.00	H745070	0.0775	0.072	245	825	0.007	0.250	105	1590	
156.00	157.50	1.50	H745071	0.4600	0.422	1105	796	0.059	1.000	98	1415	
157.50	159.00	1.50	H745072	0.3510	0.309	868	657	0.035	1.000	86	1150	
159.00	161.00	2.00	H745074	0.0063	0.006	64	35	0.003	0.250	12	46	
161.00	161.60	0.60	H745075	0.0016	0.001	21	23	0.003	0.250	20	26	
161.60	163.15	1.55	H745076	0.0013	0.001	50	41	0.001	0.250	55	25	2.95
163.15	165.00	1.85	H745077	0.0007	0.001	38	64	0.001	0.250	66	79	
165.00	167.00	2.00	H745078	0.0003	0.001	42	31	0.001	0.250	45	18	
167.00	168.50	1.50	H745079	0.0007	0.001	59	13	0.001	0.250	10	27	
168.50	169.85	1.35	H745080	0.0006	0.001	44	13	0.003	0.250	8	26	2.73

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
171.20	212.00	SSS	Sandstone to Siltstone		0.1			0.1														

Hole Number: BL09-179

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 24/11/2009
End Date: 25/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402503.86
Easting: 357790.93
Elevation: 507.91

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 212.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
171.20	212.00	SSS	Sandstone to Siltstone		0.1			0.1														

Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	17.15	Spt	Siltstone
17.15	22.40	Fgd	Granodiorite
22.40	39.10	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
22.40	39.10	Spt	Siltstone		0.1			0.1														
39.10	40.40	Fgd	Granodiorite																			
40.40	78.00	Spt	Siltstone																			

30 35 40 45 50 55 60

Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
40.40	78.00	Spt	Siltstone		0.1			0.1
78.00	87.00	Fgd	Granodiorite					
87.00	93.95	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

From m	To m	Code	Rock description
87.00	93.95	Spt	Siltstone
93.95	96.35	Fgd	Granodiorite
96.35	133.05	SSS	Sandstone to Siltstone

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py % | From m | To m | Interval m | Sample | Pt ppm | Pd ppm | Cu ppm | Ni ppm | Au ppm | Ag ppm | Co ppm | Cr ppm | SG ppm | Pt + Pd (ppm) (0 2 4 6 8 10)

Sulphide %: 0.1 | 0.5 | 0.1
Py %: 0.1 | 0.5 | 0.1

Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
96.35	133.05	SSS	Sandstone to Siltstone
133.05	133.30	Fg	Granite - Undifferentiated
133.30	134.50	Hr	
134.50	134.60	Fg	Hybrid Classic
134.60	135.20	Hg	Red Hybrid Grey
135.20	135.70		Granite - Undifferentiated
135.70	155.90	Upd	Hybrid Grey Peridotite

Magsus (0 100 200)

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Sulphide %	Cpy %	Po %	Py %
													0.1			0.1
													1.1			1.1
129.20	131.20	2.00	H745081	0.0015	0.002	212	71	0.001	0.250	20	122	2.70				
131.20	133.20	2.00	H745082	0.0015	0.001	63	85	0.003	0.250	21	151					
133.20	134.60	1.40	H745083	0.0552	0.050	94	82	0.005	0.250	22	98					
134.60	135.20	0.60	H745084	0.0013	0.001	42	7	0.002	0.250	4	14		1.0			1.0
135.20	135.70	0.50	H745085	0.0202	0.019	189	160	0.003	0.250	42	517		0.9			0.9
135.70	137.70	2.00	H745086	0.3120	0.317	982	843	0.024	0.250	101	1235		1.5	0.5	0.5	0.5
137.70	139.70	2.00	H745087	0.1600	0.153	537	817	0.013	0.250	100	1575		1.5	0.5	1.0	
139.70	141.70	2.00	H745088	0.1910	0.193	711	992	0.015	0.250	113	1735	2.85	1.0	0.5	0.5	
141.70	143.70	2.00	H745089	0.4940	0.497	1715	1375	0.034	0.250	136	1965		1.4	0.5	0.9	
143.70	145.70	2.00	H745091	0.6230	0.607	1890	1305	0.068	0.250	132	1850		1.0	0.5	0.5	
145.70	147.70	2.00	H745092	1.2700	1.250	3350	1665	0.080	1.700	145	1700		1.5	0.5	0.5	0.5
147.70	149.70	2.00	H745093	0.6390	0.632	1750	1165	0.059	0.500	122	1640		1.9	0.5	0.9	0.5
149.70	151.70	2.00	H745094	0.6160	0.637	1615	1195	0.049	0.250	117	1685	2.94	1.9	0.5	0.5	0.9
													4.4	0.9	0.5	3.0
													3.0	0.5	0.5	2.0
													1.5	0.5	0.5	0.5
													1.5	0.5	0.1	0.9

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
135.70	155.90	Upd	Peridotite
155.90	157.15	Fg	Granite - Undifferentiated
157.15	163.95	Spt	Siltstone
163.95	165.00	Hg	Hybrid Grey
165.00	168.80	Hg	Hybrid Grey
168.80	185.25	Spt	Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	0.1	0.9
1.1	0.5	0.1	0.5
4.4	0.9	0.5	3.0
17.0	2.0	5.0	10.0
3.8	0.9	0.9	2.0
17.0	2.0	5.0	10.0
0.6	0.1		0.5
0.7	0.2		0.5
0.1	0.1		
0.1			0.1
2.1			2.1
1.0			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.70	151.70	2.00	H745094	0.6160	0.637	1615	1195	0.049	0.250	117	1685	2.94
151.70	153.70	2.00	H745095	0.5280	0.510	1525	944	0.047	0.250	99	1535	
153.70	154.45	0.75	H745096	3.1100	3.430	10350	5560	0.120	4.400	298	941	
154.45	155.25	0.80	H745097	1.6700	1.650	4380	1795	0.130	1.400	134	1305	
155.25	155.90	0.65	H745099	4.2900	4.600	12650	6380	0.120	5.700	337	849	
155.90	157.90	2.00	H745100	0.7720	0.802	1475	513	0.046	0.250	31	81	
157.90	159.90	2.00	H745101	0.1120	0.127	264	92	0.021	0.250	27	116	
159.90	161.90	2.00	H745102	0.0026	0.003	9	67	0.001	0.250	17	113	2.68
161.90	163.95	2.05	H745103	0.0024	0.003	11	68	0.001	0.250	22	116	
163.95	165.90	1.95	H745104	0.0006	0.001	30	17	0.001	0.250	43	11	
165.90	167.80	1.90	H745105	0.0006	0.001	31	24	0.001	0.250	48	18	
167.80	169.80	2.00	H745107	0.0016	0.002	82	63	0.001	0.250	25	118	
169.80	171.80	2.00	H745108	0.0015	0.002	100	60	0.001	0.250	23	112	2.74

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

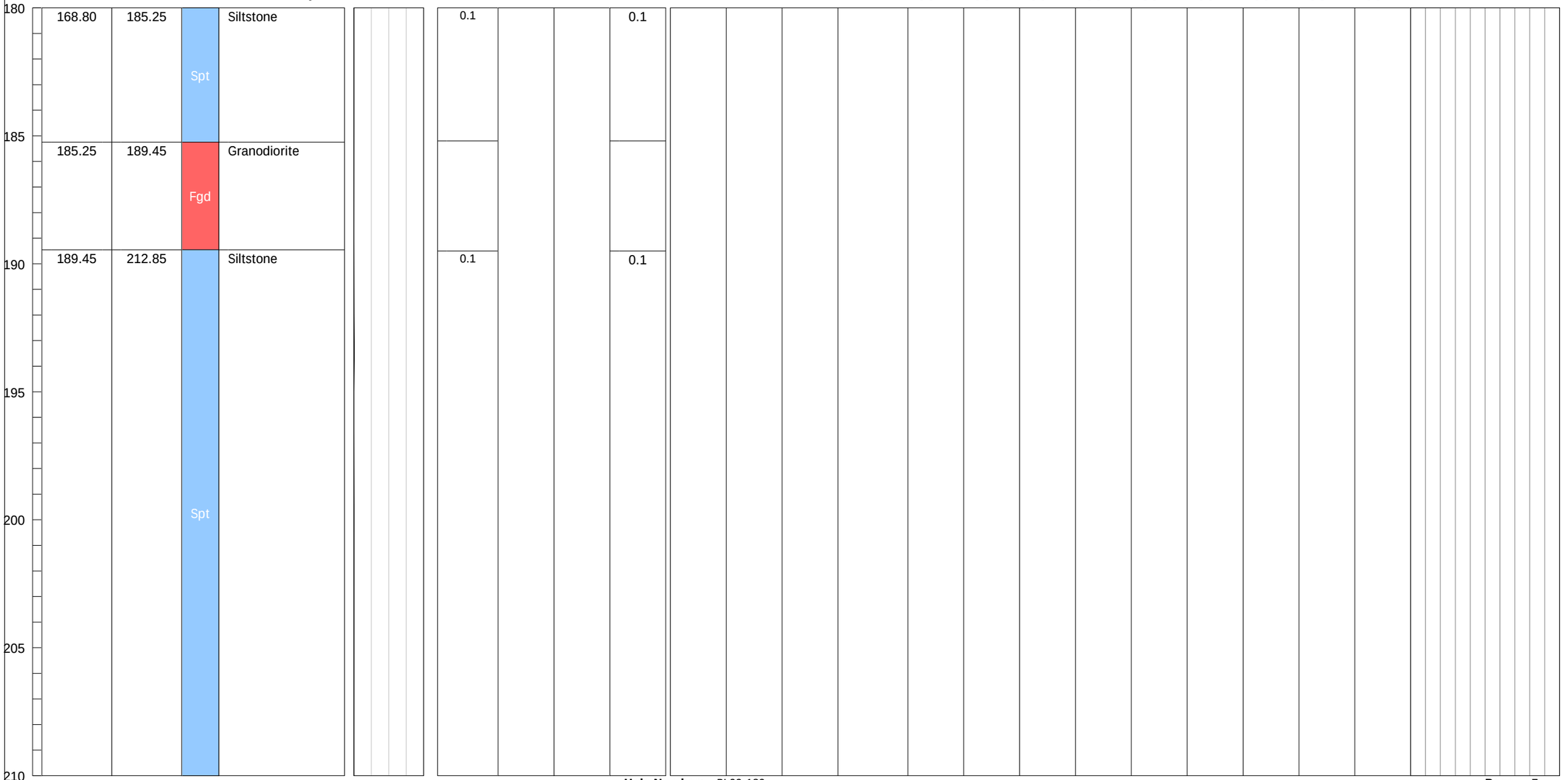
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

From m	To m	Code	Rock description
168.80	185.25	Spt	Siltstone
185.25	189.45	Fgd	Granodiorite
189.45	212.85	Spt	Siltstone



Hole Number: BL09-180

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 26/11/2009
End Date: 27/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402486.41
Easting: 357808.20
Elevation: 507.72

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
189.45	212.85	Spt	Siltstone
212.85	216.00	Fgd	Granodiorite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-181

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/11/2009
End Date: 29/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.92
Easting: 357856.22
Elevation: 507.55

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
0.00	2.00	Ovg	Overburden - Glacial																			
2.00	6.40	Spt	Siltstone																			
6.40	8.20	Fgd	Granodiorite																			
8.20	10.90	Spt	Siltstone																			
10.90	19.80	Fgd	Granodiorite																			
19.80	27.00	Spt	Siltstone																			
27.00	28.00	Fgd	Granodiorite																			
28.00	29.45	Spt	Siltstone																			
29.45	34.60	Fgd	Granodiorite																			

Hole Number: BL09-181

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/11/2009
End Date: 29/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.92
Easting: 357856.22
Elevation: 507.55

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
29.45	34.60	Fgd	Granodiorite
34.60	36.00	Spt	Siltstone
36.00	39.80	Fgd	Granodiorite
39.80	41.00	Spt	Siltstone
41.00	72.00	Fgd	Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-181

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/11/2009
End Date: 29/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.92
Easting: 357856.22
Elevation: 507.55

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
41.00	72.00	Fgd	Granodiorite																			
72.00	74.30	Spt	Siltstone																			
74.30	75.90	Fgd	Granodiorite																			
75.90	77.20	Spt	Siltstone																			
77.20	78.15	Fgd	Granodiorite																			
78.15	110.00	Spt	Siltstone																			

Hole Number: BL09-181

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/11/2009
End Date: 29/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.92
Easting: 357856.22
Elevation: 507.55

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
78.15	110.00	Spt	Siltstone
110.00	111.40	Fgd	Granodiorite
111.40	131.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %

From m	To m	Interval Sample m		Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-181

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/11/2009
End Date: 29/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.92
Easting: 357856.22
Elevation: 507.55

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
111.40	131.00	Spt	Siltstone
131.00	140.65		Sandstone to Siltstone
140.65	148.00	Fg	Granite - Undifferentiated
148.00	149.50	Hr	Hybrid Classic Red
149.50	151.45	Upd	Peridotite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.9			0.9
0.5			0.5
1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
144.00	146.00	2.00	H745109	0.0006	0.001	15	3	0.003	0.250	1	9	2.57
146.00	148.00	2.00	H745110	0.0006	0.001	1	8	0.003	0.250	1	8	
148.00	149.50	1.50	H745111	0.0238	0.017	71	58	0.003	0.250	14	133	
149.50	151.45	1.95	H745113	0.0588	0.047	196	625	0.007	0.250	83	882	

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-181

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/11/2009
End Date: 29/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.92
Easting: 357856.22
Elevation: 507.55

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
149.50	151.45	Upd	Peridotite
151.45	152.70	Hg	Hybrid Grey
152.70	158.55	Mgm	Gabbro - Melanocratic
158.55	159.70	Hg	Hybrid Grey
159.70	174.70	Fg	Granite - Undifferentiated
174.70	175.40	Hg	Hybrid Grey
175.40	176.95	Fg	Granite - Undifferentiated
176.95	208.50	SSS	Sandstone to Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0			1.0
1.1	0.1		1.0
2.1	0.1		2.0
2.5	0.5		2.0
1.0	0.1		0.9
0.5			0.5
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.50	151.45	1.95	H745113	0.0588	0.047	196	625	0.007	0.250	83	882	
151.45	152.70	1.25	H745114	0.0674	0.048	269	295	0.008	0.250	62	573	
152.70	154.65	1.95	H745115	0.2160	0.186	532	745	0.016	0.250	90	1235	2.92
154.65	156.60	1.95	H745116	0.6020	0.507	1120	1030	0.036	0.250	101	1595	
156.60	158.55	1.95	H745117	0.5880	0.499	1075	897	0.037	0.250	98	1245	
158.55	159.70	1.15	H745119	0.0269	0.025	122	53	0.004	0.250	44	32	
159.70	161.70	2.00	H745120	0.0009	0.001	4	7	0.002	0.250	1	11	
161.70	163.70	2.00	H745121	0.0013	0.001	1	7	0.002	0.250	1	9	2.59
172.70	174.70	2.00	H745122	0.0012	0.001	2	4	0.003	0.250	1	11	2.66
174.70	175.40	0.70	H745123	0.0005	0.001	44	14	0.002	0.250	38	5	
175.40	176.95	1.55	H745125	0.0005	0.001	5	9	0.002	0.250	1	9	2.60

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-181

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 28/11/2009
End Date: 29/11/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.92
Easting: 357856.22
Elevation: 507.55

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
176.95	208.50	SSS	Sandstone to Siltstone		0.1			0.1														
208.50	209.40	Fgd	Granodiorite																			
209.40	210.00	Spt	Siltstone																			

Hole Number: BL09-182

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 30/11/2009
End Date: 01/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.30
Easting: 357752.09
Elevation: 506.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	1.25	Ovg	Overburden - Glacial					
1.25	3.50	Fgd	Granodiorite					
3.50	14.70	Spt	Siltstone		0.1			0.1
14.70	18.35	Fgd	Granodiorite					
18.35	47.05	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-182

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 30/11/2009
End Date: 01/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.30
Easting: 357752.09
Elevation: 506.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
18.35	47.05	Spt	Siltstone
47.05	48.40	Fgd	Granodiorite
48.40	49.40	Spt	Siltstone
49.40	52.60	Fgd	Granodiorite
52.60	61.10	Spt	Siltstone

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
18.35	47.05	0.1			0.1
47.05	48.40				
48.40	49.40				
49.40	52.60				
52.60	61.10	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-182

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 30/11/2009
End Date: 01/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.30
Easting: 357752.09
Elevation: 506.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
52.60	61.10	Spt	Siltstone		0.1			0.1
61.10	65.75	Fgd	Granodiorite					
65.75	81.55	Spt	Siltstone		0.1			0.1
81.55	84.70	Fgd	Granodiorite					
84.70	88.30	Spt	Siltstone					
88.30	89.30	Fgd	Granodiorite					
89.30	89.90	Spt	Siltstone					
89.90	92.30	Fgd	Granodiorite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-182

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 30/11/2009
End Date: 01/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.30
Easting: 357752.09
Elevation: 506.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
89.90	92.30	Fgd	Granodiorite
92.30	133.35	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-182

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 30/11/2009
End Date: 01/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.30
Easting: 357752.09
Elevation: 506.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
92.30	133.35	Spt	Siltstone		0.1			0.1
133.35	137.00	Fgd	Granodiorite					
137.00	145.70	Spt	Siltstone		0.1			0.1
145.70	147.40	Fgd	Granodiorite					
147.40	151.55	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
147.40	150.00	2.60	H745126	0.0014	0.001	62	64	0.002	0.250	20	122	2.75	

Hole Number: BL09-182

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 30/11/2009
End Date: 01/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.30
Easting: 357752.09
Elevation: 506.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
147.40	151.55	Spt	Siltstone		0.1			0.1
151.55	154.60	Hr	Hybrid Classic Red		1.1			1.1
154.60	157.05	Hr	Hybrid Classic Red					
157.05	171.00	Spt	Siltstone		0.1			0.1
171.00	173.50	Fgd	Granodiorite					
173.50	181.80	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	151.55	1.55	H745127	0.0012	0.001	58	62	0.002	0.250	22	126	
151.55	153.00	1.45	H745128	0.0005	0.001	6	16	0.002	0.250	39	10	
153.00	155.00	2.00	H745129	0.0005	0.001	21	26	0.002	0.250	73	19	
155.00	157.05	2.05	H745131	0.0015	0.001	32	41	0.002	0.250	48	42	
157.05	159.00	1.95	H745132	0.0019	0.001	43	61	0.002	0.250	21	114	2.70
159.00	161.00	2.00	H745133	0.0016	0.001	56	69	0.002	0.250	21	118	2.74

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-182

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 30/11/2009
End Date: 01/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402485.30
Easting: 357752.09
Elevation: 506.46

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
173.50	181.80	Spt	Siltstone		0.1			0.1
181.80	185.60	Fgd	Granodiorite					
185.60	201.00	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-183

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/12/2009
End Date: 03/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402468.42
Easting: 357743.24
Elevation: 507.45

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	1.30	Ovg	Overburden - Glacial					
1.30	60.95	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-183

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/12/2009
End Date: 03/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402468.42
Easting: 357743.24
Elevation: 507.45

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.30	60.95	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-183

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/12/2009
End Date: 03/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402468.42
Easting: 357743.24
Elevation: 507.45

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
1.30	60.95	Spt	Siltstone
60.95	62.10	Fgd	Granodiorite
62.10	73.20	Spt	Siltstone
73.20	79.15	Fgd	Granodiorite
79.15	96.75	Spt	Siltstone

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
1.30	60.95	0.1			0.1
60.95	62.10				
62.10	73.20				
73.20	79.15				
79.15	96.75	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-183

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/12/2009
End Date: 03/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402468.42
Easting: 357743.24
Elevation: 507.45

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
79.15	96.75	Spt	Siltstone
96.75	100.40	Fgd	Granodiorite
100.40	101.00	Spt	Siltstone
101.00	102.20	Fgd	Granodiorite
102.20	125.00	Spt	Siltstone

From m	Sulphide %	Cpy %	Po %	Py %
79.15	0.1			0.1
96.75				
100.40				
101.00	0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-183

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/12/2009
End Date: 03/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402468.42
Easting: 357743.24
Elevation: 507.45

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
102.20	125.00	Spt	Siltstone
125.00	126.10	Fgd	Granodiorite
126.10	138.00	Spt	Siltstone
138.00	138.25	Hg	Hybrid Grey
138.25	139.90	Spt	Siltstone
139.90	141.20	Fgd	Granodiorite
141.20	148.45	Spt	Siltstone
148.45	151.75	Fgd	Granodiorite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
136.05	138.00	1.95	H745134	0.0010	0.001	40	49	0.001	0.250	15	84	2.77
138.00	138.25	0.25	H745135	0.0003	0.001	44	15	0.002	0.250	32	8	
138.25	139.90	1.65	H745136	0.0012	0.001	53	65	0.001	0.250	20	109	2.74
149.75	151.75	2.00	H745137	0.0003	0.001	2	1	0.001	0.250	1	4	2.64

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-183

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/12/2009
End Date: 03/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402468.42
Easting: 357743.24
Elevation: 507.45

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
148.45	151.75	Fgd	Granodiorite
151.75	152.80	Spt	Siltstone
152.80	157.50	Hr	Hybrid Classic Red
157.50	159.05	Fg	Granite - Undifferentiated
159.05	201.00	Spt	Siltstone

Magsus: 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
148.45	151.75	0.1			0.1
151.75	152.80				
152.80	154.00	1.0			1.0
154.00	157.50	1.0			1.0
157.50	159.05				
159.05	161.05	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.75	151.75	2.00	H745137	0.0003	0.001	2	1	0.001	0.250	1	4	2.64
151.75	152.80	1.05	H745138	0.0013	0.001	62	63	0.003	0.250	20	120	
152.80	154.00	1.20	H745139	0.0005	0.001	27	16	0.003	0.250	37	10	
154.00	156.00	2.00	H745141	0.0009	0.001	25	35	0.003	0.250	45	28	
156.00	157.50	1.50	H745142	0.0389	0.009	13	22	0.003	0.250	43	13	
157.50	159.05	1.55	H745143	0.0003	0.001	5	1	0.001	0.250	3	5	
159.05	161.05	2.00	H745144	0.0013	0.001	48	66	0.002	0.250	20	123	2.75

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-183

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 02/12/2009
End Date: 03/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402468.42
Easting: 357743.24
Elevation: 507.45

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
159.05	201.00	Spt	Siltstone		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-184

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/12/2009
End Date: 05/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402454.93
Easting: 357791.75
Elevation: 508.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
0.00	1.00	Ovg	Overburden - Glacial
1.00	23.50	Fgd	Granodiorite
23.50	32.60	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-184

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/12/2009
End Date: 05/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402454.93
Easting: 357791.75
Elevation: 508.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology From m	To m	Code	Rock description
23.50	32.60	Spt	Siltstone
32.60	68.70	Fgd	Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6			0.6
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-184

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/12/2009
End Date: 05/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402454.93
Easting: 357791.75
Elevation: 508.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
32.60	68.70	Fgd	Granodiorite
68.70	72.00	Spt	Siltstone
72.00	77.60	Fgd	Granodiorite
77.60	114.90	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-184

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/12/2009
End Date: 05/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402454.93
Easting: 357791.75
Elevation: 508.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
77.60	114.90	Spt	Siltstone
114.90	120.00	Fgd	Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-184

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/12/2009
End Date: 05/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402454.93
Easting: 357791.75
Elevation: 508.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
120.00	123.00	Spt	Siltstone
123.00	127.50	Fgd	Granodiorite
127.50	128.30	Spt	Siltstone
128.30	129.80	Fgd	Granodiorite
129.80	134.25	Spt	Siltstone
134.25	135.10	Hr	Hybrid Classic Red
135.10	136.35	Hg	Hybrid Grey
136.35	154.95	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.5			0.5
1.5	0.5	0.5	0.5
1.9	0.9	1.0	
1.5	0.5	0.5	0.5
3.0	0.5	0.5	2.0
2.4	0.9	0.5	1.0
0.7	0.1	0.1	0.5
3.4	0.9	0.5	2.0
2.0	0.5	0.5	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
130.25	132.25	2.00	H745145	0.0019	0.002	2	67	0.004	0.250	18	114	2.68
132.25	134.25	2.00	H745146	0.0037	0.003	218	63	0.004	0.250	20	123	
134.25	135.10	0.85	H745147	0.0193	0.019	11	70	0.005	0.250	15	110	
135.10	136.35	1.25	H745148	0.0147	0.012	191	116	0.006	0.250	43	414	
136.35	138.00	1.65	H745149	0.1410	0.139	434	633	0.014	0.250	84	976	
138.00	139.00	1.00	H745151	0.2600	0.250	749	836	0.021	0.250	100	1430	
139.00	140.00	1.00	H745152	0.7390	0.728	2260	1385	0.052	1.300	129	1605	
140.00	141.00	1.00	H745153	0.5410	0.534	1520	1175	0.038	0.600	124	1720	
141.00	143.00	2.00	H745154	0.3510	0.341	1025	1135	0.025	0.600	119	1840	2.90
143.00	145.00	2.00	H745155	0.7040	0.705	2060	1380	0.049	0.800	137	1760	
145.00	147.00	2.00	H745156	0.3500	0.333	868	959	0.025	0.250	104	1510	
147.00	149.00	2.00	H745157	0.8200	0.816	2100	1415	0.058	0.900	125	1565	
149.00	151.00	2.00	H745158	0.5710	0.563	1460	1120	0.039	0.250	107	1385	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-184

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/12/2009
End Date: 05/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402454.93
Easting: 357791.75
Elevation: 508.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

From m	To m	Code	Rock description
136.35	154.95	Mgm	Gabbro - Melanocratic
154.95	156.10	Fg	Granite - Undifferentiated
156.10	164.20	Spt	Siltstone
164.20	165.05	Hg	Hybrid Grey
165.05	210.00	Spt	Siltstone

From m	To m	Sulphide %	Cpy %	Po %	Py %
136.35	154.95	2.0	0.5	0.5	1.0
		11.0	0.5	0.5	10.0
		16.4	0.9	0.5	15.0
		17.8	1.9	0.9	15.0
		16.9	1.0	0.9	15.0
		0.5			0.5
154.95	156.10	1.4	0.5		0.9
156.10	164.20	0.5	0.5		0.5
		0.5			
164.20	165.05	1.0			1.0
165.05	210.00	0.5			0.5
		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H745158	0.5710	0.563	1460	1120	0.039	0.250	107	1385	
151.00	152.00	1.00	H745159	0.4720	0.472	1220	963	0.032	0.250	100	1245	
152.00	153.00	1.00	H745161	2.1100	2.180	6340	2900	0.110	2.000	197	1295	3.00
153.00	153.95	0.95	H745162	2.8700	3.080	7840	3570	0.140	3.400	217	1385	3.11
153.95	154.95	1.00	H745163	3.9300	3.990	9600	3220	0.240	4.700	184	1260	3.06
154.95	156.10	1.15	H745164	0.3650	0.365	575	259	0.012	0.250	13	41	
156.10	158.10	2.00	H745165	0.1625	0.142	289	94	0.019	0.900	21	119	
158.10	160.15	2.05	H745166	0.0033	0.003	63	58	0.004	0.250	22	104	
160.15	162.15	2.00	H745167	0.0035	0.003	75	68	0.005	0.250	20	127	
162.15	164.20	2.05	H745168	0.0021	0.002	26	52	0.005	0.250	15	98	
164.20	165.05	0.85	H745169	0.0014	0.001	28	18	0.016	0.250	33	14	
165.05	167.70	2.65	H745171	0.0014	0.002	36	56	0.005	0.250	23	81	2.71

Hole Number: BL09-184

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 04/12/2009
End Date: 05/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402454.93
Easting: 357791.75
Elevation: 508.22

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 210.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
165.05	210.00	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-185

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/12/2009
End Date: 07/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402484.98
Easting: 357781.01
Elevation: 507.15

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	82.90	Spt	Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.8	0.1	0.5	0.2
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
1.50	2.90	1.40	H745172	0.0014	0.001	50	29	0.004	0.800	12	53	2.77
2.90	3.35	0.45	H745173	0.0008	0.001	62	9	0.003	0.250	6	24	
3.35	4.35	1.00	H745174	0.0011	0.001	25	17	0.004	1.500	10	37	2.73

Pt + Pd (ppm): 0 2 4 6 8 10

0 5 10 15 20 25 30

Hole Number: BL09-185

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/12/2009
End Date: 07/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402484.98
Easting: 357781.01
Elevation: 507.15

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
1.50	82.90	Spt	Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.6
1.2	0.1		0.6
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
46.55	47.55	1.00	H745175	0.0018	0.001	50	60	0.003	0.250	18	98	2.74
47.55	48.85	1.30	H745176	0.0015	0.001	67	62	0.003	0.250	19	95	
48.85	49.85	1.00	H745177	0.0017	0.001	35	77	0.003	0.250	20	118	2.72

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-185

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/12/2009
End Date: 07/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402484.98
Easting: 357781.01
Elevation: 507.15

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 204.00

From m	To m	Code	Rock description
1.50	82.90	Spt	Siltstone
82.90	83.90	Fgd	Granodiorite
83.90	85.00	Spt	Siltstone
85.00	117.40	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-185

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/12/2009
End Date: 07/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402484.98
Easting: 357781.01
Elevation: 507.15

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 204.00

From m	To m	Code	Rock description
85.00	117.40	Fgd	Granodiorite
117.40	118.40	Spt	Siltstone
118.40	120.00	Fgd	Granodiorite

Lithology | Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-185

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/12/2009
End Date: 07/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402484.98
Easting: 357781.01
Elevation: 507.15

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 204.00

From m	To m	Code	Rock description
120.00	131.25	Spt	Siltstone
131.25	132.25	Fgd	Granodiorite
132.25	139.20	Spt	Siltstone
139.20	144.20	Hg	Hybrid Grey
144.20	154.75	Mgm	Gabbro - Melanocratic

From m	To m	Sulphide %	Cpy %	Po %	Py %
120.00	131.25	0.1			0.1
131.25	132.25				
132.25	139.20				
139.20	140.70	1.0	0.1		0.9
140.70	142.20	2.1	0.1		2.0
142.20	144.20	1.0	0.1		0.9
144.20	146.00	0.6	0.1		0.5
146.00	148.00	1.4	0.5	0.9	
148.00	150.00	1.0	0.5	0.5	
		1.4	0.5	0.9	
		1.0	0.5	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
135.20	137.20	2.00	H745178	0.0018	0.002	43	72	0.003	0.250	22	112	2.75
137.20	139.20	2.00	H745179	0.0017	0.002	66	69	0.003	0.250	19	110	
139.20	140.70	1.50	H745181	0.0217	0.017	213	97	0.005	0.250	36	192	
140.70	142.20	1.50	H745182	0.0356	0.025	240	199	0.007	0.250	45	442	
142.20	144.20	2.00	H745183	0.0293	0.023	240	140	0.006	0.250	41	340	
144.20	146.00	1.80	H745184	0.0690	0.059	246	614	0.009	0.250	83	1220	2.94
146.00	148.00	2.00	H745185	0.1920	0.178	480	788	0.015	0.250	97	1540	
148.00	150.00	2.00	H745186	0.3820	0.360	900	817	0.033	0.250	98	1450	

Hole Number: BL09-185

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/12/2009
End Date: 07/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402484.98
Easting: 357781.01
Elevation: 507.15

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
144.20	154.75	Mgm	Gabbro - Melanocratic
154.75	161.25	Spt	Siltstone
161.25	163.00		Hybrid Classic Red
163.00	166.60	Hr	Hybrid Classic Red
166.60	204.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0	0.5	0.5	
2.0	0.5	0.5	1.0
6.0	0.5	0.5	5.0
6.1	0.5	0.5	5.1
1.5	0.5	0.9	0.1
1.4	0.5	0.9	
3.0			3.0
1.0			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
150.00	152.00	2.00	H745187	0.0814	0.085	240	654	0.010	0.250	88	1310	
152.00	153.80	1.80	H745188	0.2190	0.209	563	675	0.018	0.250	86	1250	
153.80	154.75	0.95	H745189	0.1940	0.189	456	604	0.016	0.250	78	1150	2.94
154.75	156.75	2.00	H745191	0.0018	0.001	44	39	0.004	0.250	18	84	
156.75	159.00	2.25	H745192	0.0015	0.001	52	50	0.004	0.250	22	90	
159.00	161.25	2.25	H745193	0.0022	0.002	60	72	0.004	0.250	20	115	
161.25	163.00	1.75	H745194	0.0005	0.001	17	19	0.002	0.250	36	6	
163.00	165.00	2.00	H745195	0.0008	0.001	62	44	0.003	0.250	49	38	2.91
165.00	166.60	1.60	H745196	0.0005	0.001	16	20	0.003	0.250	37	10	
166.60	168.60	2.00	H745197	0.0015	0.001	28	65	0.003	0.250	18	102	
168.60	170.60	2.00	H745198	0.0021	0.002	4	76	0.003	0.250	20	102	2.76

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-185

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 06/12/2009
End Date: 07/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402484.98
Easting: 357781.01
Elevation: 507.15

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
166.60	204.00	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
1.5			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
191.00	192.00	1.00	H745199	0.0015	0.001	40	51	0.004	0.250	17	90	
192.00	194.80	2.80	H745201	0.0016	0.002	63	70	0.003	0.250	22	119	
194.80	195.80	1.00	H745202	0.0035	0.002	37	70	0.003	0.250	21	111	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-186

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/12/2009
End Date: 10/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.42
Easting: 357772.36
Elevation: 507.24

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	1.50	Ovg	Overburden - Glacial					
1.50	11.10	Spt	Siltstone		0.1			0.1
11.10	12.50	Fgd	Granodiorite					
12.50	31.60	Spt	Siltstone					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-186

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/12/2009
End Date: 10/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.42
Easting: 357772.36
Elevation: 507.24

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
12.50	31.60	Spt	Siltstone
31.60	34.25	Fgd	Granodiorite
34.25	35.75	Spt	Siltstone
35.75	45.85	Fgd	Granodiorite
45.85	50.30	Spt	Siltstone
50.30	57.50	Fgd	Granodiorite
57.50	71.95	Spt	Siltstone

From m	Sulphide %	Cpy %	Po %	Py %
12.50	0.1			0.1
35.75				
45.85	0.1			0.1
50.30				
57.50	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-186

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/12/2009
End Date: 10/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.42
Easting: 357772.36
Elevation: 507.24

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
57.50	71.95	Spt	Siltstone
71.95	80.80	Fgd	Granodiorite
80.80	141.80	Spt	Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-186

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/12/2009
End Date: 10/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.42
Easting: 357772.36
Elevation: 507.24

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description
80.80	141.80	Spt	Siltstone

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.6			0.1
0.1			0.1
25.1			25.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
95.00	96.00	1.00	H745203	0.0021	0.002	68	91	0.002	0.250	25	137	2.78
96.00	97.00	1.00	H745204	0.0016	0.002	53	76	0.001	0.250	26	122	
97.00	98.00	1.00	H745205	0.0016	0.002	58	83	0.001	0.250	26	123	
98.00	99.00	1.00	H745206	0.0014	0.001	70	79	0.001	0.250	24	126	2.77

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-186

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/12/2009
End Date: 10/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.42
Easting: 357772.36
Elevation: 507.24

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description
80.80	141.80	Spt	Siltstone
141.80	142.85	Hr	Hybrid Classic Red
142.85	161.60	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.2			0.1
0.1			0.1
1.1			1.1
1.1	0.1	0.5	0.5
1.4	0.5	0.9	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
137.80	139.80	2.00	H745207	0.0013	0.001	72	64	0.002	0.250	21	135	2.72
139.80	141.80	2.00	H745208	0.0015	0.001	81	67	0.001	0.250	21	129	
141.80	142.85	1.05	H745209	0.0439	0.041	92	70	0.003	0.250	30	91	
142.85	145.00	2.15	H745211	0.1290	0.116	389	718	0.009	0.250	95	1310	
145.00	147.00	2.00	H745212	0.2420	0.229	670	946	0.013	0.700	111	1600	
147.00	149.00	2.00	H745213	0.1355	0.125	369	920	0.008	0.250	108	1810	2.85
149.00	151.00	2.00	H745214	0.1720	0.166	443	986	0.012	0.250	111	1910	

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-186

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/12/2009
End Date: 10/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.42
Easting: 357772.36
Elevation: 507.24

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
142.85	161.60	Mgm	Gabbro - Melanocratic
161.60	162.05	Spt	Siltstone
162.05	162.15		Hybrid Grey
162.15	165.50	Spt	Siltstone
165.50	170.05	Fg	Granite - Undifferentiated
170.05	207.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0	0.5	0.5	
0.6	0.1	0.5	
9.9	2.0	7.0	0.9
2.0	0.5	0.5	1.0
3.0	0.5	0.5	2.0
6.0	0.5	0.5	5.0
8.0	2.0	5.0	1.0
2.8	0.9	0.9	1.0
0.5	0.5	0.5	
4.0	2.5	15.0	1.0
35.5	10.5		10.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm
149.00	151.00	2.00	H745214	0.1720	0.166	443	986	0.012	0.250	111	1910	
151.00	153.00	2.00	H745215	0.0746	0.068	248	895	0.005	0.250	108	1970	
153.00	155.00	2.00	H745216	0.0285	0.022	133	872	0.004	0.250	110	2010	
155.00	157.00	2.00	H745217	0.0330	0.027	139	825	0.007	0.250	103	1880	
157.00	158.00	1.00	H745218	0.1285	0.121	336	841	0.013	0.600	103	1810	
158.00	159.00	1.00	H745219	2.2700	2.410	6110	2790	0.120	2.900	187	1630	3.00
159.00	160.00	1.00	H745221	1.2900	1.230	3070	1170	0.100	1.600	104	1380	2.90
160.00	161.00	1.00	H745222	0.5990	0.577	1710	926	0.037	3.700	100	1080	2.94
161.00	161.60	0.60	H745223	1.9200	1.980	4730	2390	0.110	1.700	164	1090	2.90
161.60	162.40	0.80	H745224	3.5800	4.260	7340	4040	0.250	8.100	155	265	2.71
162.40	164.00	1.60	H745226	0.0101	0.010	123	81	0.006	0.250	22	135	
164.00	165.50	1.50	H745227	0.0272	0.030	108	96	0.005	0.250	22	122	2.74

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-186

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 08/12/2009
End Date: 10/12/2009

Magma Metals (Canada) Ltd.

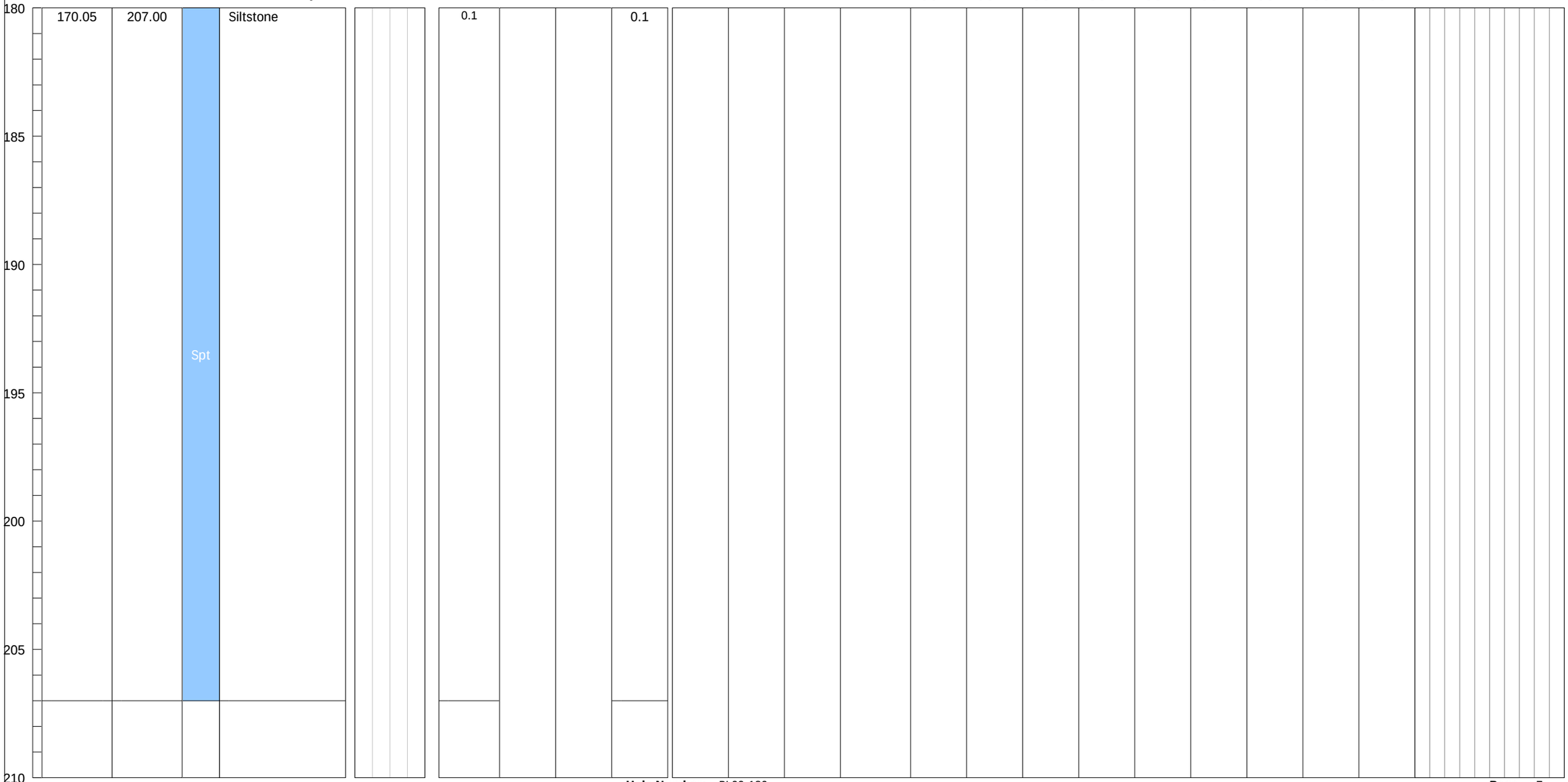
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402467.42
Easting: 357772.36
Elevation: 507.24

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
170.05	207.00	Spt	Siltstone



Hole Number: BL09-187

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/12/2009
End Date: 12/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.37
Easting: 357762.89
Elevation: 507.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 141.00

From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	3.80	Fgd	Granodiorite
3.80	4.60	Spt	Siltstone
4.60	8.40	Fgd	Granodiorite
8.40	13.60	Spt	Siltstone
13.60	16.00	Fgd	Granodiorite
16.00	26.50	Spt	Siltstone
26.50	30.80	Fgd	Granodiorite

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
8.40	13.60	0.1			0.1
16.00	26.50	0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-187

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/12/2009
End Date: 12/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.37
Easting: 357762.89
Elevation: 507.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 141.00

From m	To m	Code	Rock description
26.50	30.80	Fgd	Granodiorite
30.80	37.20	Spt	Siltstone
37.20	38.20	Fgd	Granodiorite
38.20	41.20	Spt	Siltstone
41.20	42.70	Fgd	Granodiorite
42.70	56.70	Spt	Siltstone
56.70	59.00	Fgd	Granodiorite
59.00	104.70	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.1			0.1
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-187

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/12/2009
End Date: 12/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.37
Easting: 357762.89
Elevation: 507.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 141.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	Co	Cr	SG	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
59.00	104.70	Spt	Siltstone		0.1			0.1														

Hole Number: BL09-187

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/12/2009
End Date: 12/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.37
Easting: 357762.89
Elevation: 507.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 141.00

From m	To m	Code	Rock description
59.00	104.70	Spt	Siltstone
104.70	106.20	Fgd	Granodiorite
106.20	111.30	Spt	Siltstone
111.30	116.90	Fgd	Granodiorite
116.90	120.05	Spt	Siltstone

From m	Sulphide %	Cpy %	Po %	Py %
59.00	0.1			0.1
111.30				
116.90	0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm

Hole Number: BL09-187

Project: TBN
Claim #: 842186
Logged: Kiyoko Nakano

Drill Company: George Downing Estate Drilling
Start Date: 10/12/2009
End Date: 12/12/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402449.37
Easting: 357762.89
Elevation: 507.30

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 141.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	Co ppm	Cr ppm	SG ppm	Pt + Pd (ppm) 0 2 4 6 8 10
116.90	120.05		Siltstone		0.1			0.1														
120.05	124.30	Fgd	Granodiorite																			
124.30	125.95	Spt	Siltstone																			
125.95	129.80	Fgd	Granodiorite																			
129.80	135.85	Spt	Siltstone		0.1			0.1														
135.85	140.00	Fgd	Granodiorite																			
140.00	141.00	Spt	Siltstone																			

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

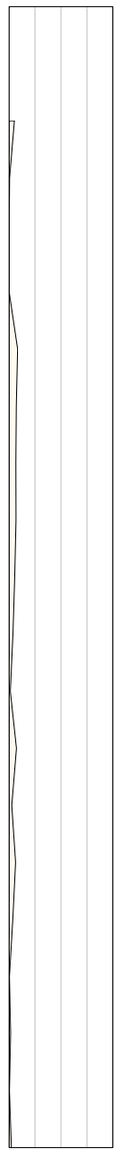
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

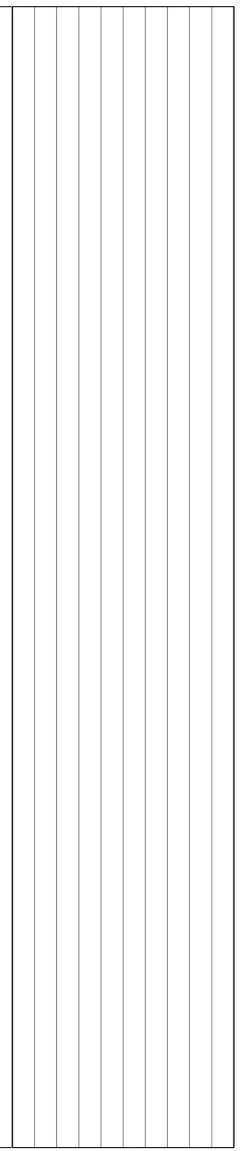
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description
0.00	2.50	Ovg	Overburden - Glacial
2.50	22.00	Spt	Siltstone
22.00	62.50	Spt	Schist



Sulphide Cpy %	Po %	Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm



Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
22.00	62.50	Spt	Schist																			

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

From m	To m	Code	Rock description
22.00	62.50	Spt	Schist
62.50	65.00	Fg	Granite - Undifferentiated
65.00	75.30	Ss	Schist
75.30	76.30	Fg	Granite - Undifferentiated
76.30	84.50	Ss	Schist
84.50	85.50	Fg	Granite - Undifferentiated
85.50	88.50	Ss	Schist
88.50	90.20	Fg	Granite - Undifferentiated

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description
88.50	90.20	Ss	Granite - Undifferentiated
90.20	98.50		Schist
98.50	101.00	Fg	Granite - Undifferentiated
101.00	103.25	Ss	Schist
103.25	103.50	V	Vein
103.50	110.50	Ss	Schist
110.50	111.90		Schist
111.90	114.90	Fg	Granite - Undifferentiated
114.90	121.00	Ss	Schist

Magsus 0 100 200 | Sulphide Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description
114.90	121.00	Ss	Schist
121.00	123.75	Fg	Granite - Undifferentiated
123.75	126.45	Ss	Schist
126.45	127.45	Fg	Granite - Undifferentiated
127.45	130.42	Ss	Schist
130.42	130.90	Hr	Hybrid Classic Red
130.90	132.00	Hr	Hybrid Classic Red
132.00	137.00	Hr	Hybrid Classic Red
137.00	137.75	Hg	Hybrid Grey
137.75	173.00	Upd	Peridotite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

Pt + Pd (ppm) 0 2 4 6 8 10

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
123.45	125.45	2.00	H743303	0.0018	0.002	15	76	0.002	0.250	3	17	110
125.45	127.45	2.00	H743304	0.0010	0.001	70	40	0.002	0.250	8	11	63
127.45	129.00	1.55	H743305	0.0014	0.001	199	63	0.002	0.250	5	19	127
129.00	130.42	1.42	H743306	0.0015	0.001	1	59	0.002	0.250	3	17	114
130.42	131.00	0.58	H743307	0.0178	0.022	1	63	0.002	0.250	6	15	111
131.00	133.00	2.00	H743308	0.0783	0.068	56	52	0.005	0.250	14	12	78
133.00	135.00	2.00	H743309	0.0084	0.008	23	24	0.002	0.250	12	18	45
135.00	136.15	1.15	H743311	0.0007	0.001	7	21	0.002	0.250	9	24	52
136.15	137.75	1.60	H743312	0.0406	0.024	463	173	0.007	0.250	12	44	124
137.75	139.00	1.25	H743313	0.1010	0.098	468	749	0.009	0.250	25	96	1000
139.00	141.00	2.00	H743314	0.1100	0.103	330	755	0.008	0.250	9	104	1240
141.00	143.00	2.00	H743315	0.1130	0.100	272	788	0.009	0.250	3	105	1465
143.00	145.00	2.00	H743316	0.0966	0.087	268	859	0.007	0.250	8	113	1910
145.00	147.00	2.00	H743317	0.1860	0.179	582	910	0.012	0.250	3	111	1825
147.00	149.00	2.00	H743318	0.2310	0.206	642	1140	0.015	0.250	3	122	2180
149.00	151.00	2.00	H743319	0.1350	0.113	386	1070	0.010	0.250	3	125	2250

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	Lithology To m	Lithology Code	Rock description
137.75	173.00	Upd	Peridotite
173.00	223.55		Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.1	0.1		

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
149.00	151.00	2.00	H743319	0.1350	0.113	386	1070	0.010	0.250	3	125	2250
151.00	153.00	2.00	H743321	0.1400	0.122	384	1100	0.010	0.250	3	128	2320
153.00	155.00	2.00	H743322	0.1050	0.091	298	1130	0.008	0.250	5	129	2420
155.00	157.00	2.00	H743323	0.0932	0.085	233	1120	0.007	0.250	5	132	2560
157.00	159.00	2.00	H743324	0.1890	0.164	467	1250	0.013	0.250	3	137	2640
159.00	161.00	2.00	H743325	0.1300	0.111	309	1190	0.010	0.250	3	133	2670
161.00	163.00	2.00	H743326	0.0590	0.048	142	1200	0.005	0.250	3	136	2720
163.00	165.00	2.00	H743327	0.0619	0.054	140	1200	0.004	0.250	20	134	2910
165.00	167.00	2.00	H743328	0.0754	0.065	143	1250	0.005	0.250	14	140	3070
167.00	169.00	2.00	H743329	0.1360	0.116	247	1340	0.009	0.250	5	144	3160
169.00	171.00	2.00	H743331	0.0680	0.061	124	1300	0.005	0.250	8	145	3200
171.00	173.00	2.00	H743332	0.0550	0.045	111	1290	0.005	0.250	17	145	3070
173.00	175.00	2.00	H743333	0.0795	0.072	143	1300	0.006	0.250	29	143	3090
175.00	177.00	2.00	H743334	0.0690	0.058	140	1300	0.006	0.250	18	139	3100
177.00	179.00	2.00	H743335	0.2000	0.178	405	1400	0.015	0.250	16	144	3160
179.00	181.00	2.00	H743336	0.1110	0.088	185	1310	0.007	0.250	3	144	3100

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description
173.00	223.55	Upd	Peridotite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
3.9	0.9	3.0	
4.9	0.9	4.0	
3.9	0.9	3.0	

Pt + Pd (ppm): 0 2 4 6 8 10

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
179.00	181.00	2.00	H743336	0.1110	0.088	185	1310	0.007	0.250	3	144	3100
181.00	183.00	2.00	H743337	0.0881	0.075	157	1210	0.007	0.250	77	138	2960
183.00	185.00	2.00	H743338	0.0759	0.070	162	1210	0.007	0.250	74	136	2890
185.00	187.00	2.00	H743339	0.0699	0.062	146	1280	0.006	0.250	3	141	3000
187.00	189.00	2.00	H743341	0.0594	0.053	140	1380	0.005	0.250	3	152	3340
189.00	191.00	2.00	H743342	0.0952	0.091	225	1340	0.007	0.250	48	143	3300
191.00	193.00	2.00	H743343	0.0796	0.068	158	1360	0.007	0.250	16	145	3260
193.00	195.00	2.00	H743344	0.0913	0.079	171	1380	0.006	0.250	5	145	3220
195.00	197.00	2.00	H743345	0.1080	0.090	178	1350	0.007	0.250	22	141	3420
197.00	199.00	2.00	H743346	0.0991	0.089	170	1350	0.007	0.250	35	138	3270
199.00	201.00	2.00	H743347	0.1080	0.090	178	1430	0.007	0.250	5	141	3390
201.00	203.00	2.00	H743348	0.1630	0.139	293	1510	0.010	0.250	3	140	3790
203.00	205.00	2.00	H743349	0.1620	0.141	302	1650	0.011	0.250	3	149	4770
205.00	207.00	2.00	H743351	0.1040	0.078	160	1430	0.006	0.250	3	142	4120
207.00	209.00	2.00	H743352	0.1130	0.097	189	1370	0.007	0.250	3	140	3470
209.00	211.00	2.00	H743353	0.1820	0.149	281	1380	0.011	0.250	3	143	3380

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description
173.00	223.55	Upd	Peridotite
223.55	267.50	Mgm	Gabbro - Melanocratic

Magsus 0 100 200 | Sulphide Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
209.00	211.00	2.00	H743353	0.1820	0.149	281	1380	0.011	0.250	3	143	3380
211.00	213.00	2.00	H743354	0.1520	0.129	238	1330	0.010	0.250	11	141	3090
213.00	215.00	2.00	H743355	0.1220	0.109	173	1260	0.008	0.250	3	135	2810
215.00	217.00	2.00	H743356	0.1120	0.095	183	1330	0.007	0.250	7	141	3010
217.00	219.00	2.00	H743357	0.2580	0.235	537	1480	0.016	0.250	15	141	3210
219.00	221.00	2.00	H743358	0.1320	0.110	259	1370	0.009	0.250	3	145	3250
221.00	223.00	2.00	H743359	0.1590	0.138	310	1310	0.012	0.250	3	143	3020
223.00	225.00	2.00	H743361	0.0937	0.085	192	1230	0.008	0.250	3	136	2810
225.00	227.00	2.00	H743362	0.0606	0.049	118	1220	0.005	0.250	3	132	2950
227.00	229.00	2.00	H743363	0.0972	0.083	205	1310	0.007	0.250	3	137	3120
229.00	231.00	2.00	H743364	0.0980	0.082	196	1330	0.007	0.250	3	136	3200
231.00	233.00	2.00	H743365	0.0934	0.080	186	1270	0.007	0.250	3	128	3130
233.00	235.00	2.00	H743366	0.1120	0.089	223	1350	0.008	0.250	3	135	3390
235.00	237.00	2.00	H743367	0.0979	0.080	209	1400	0.007	0.250	3	137	3570
237.00	239.00	2.00	H743368	0.1470	0.123	275	1370	0.010	0.250	5	133	3530
239.00	241.00	2.00	H743369	0.0731	0.059	156	1310	0.006	0.250	14	129	3630

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

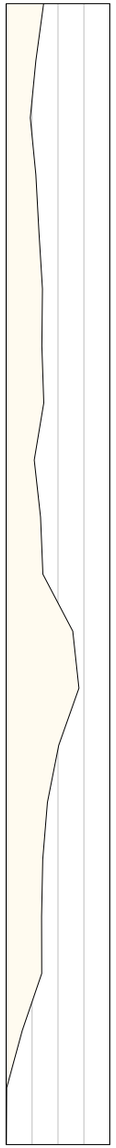
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

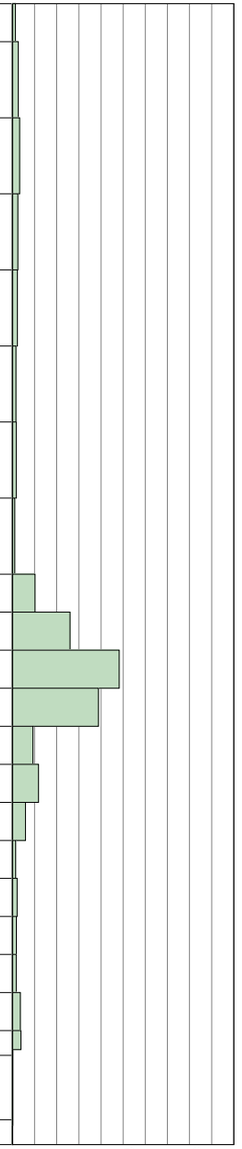
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description
223.55	267.50	Mgm	Gabbro - Melanocratic
267.50	299.00	SSS	Sandstone to Siltstone



Sulphide %	Cpy %	Po %	Py %
2.5	0.5	2.0	
9.0	2.0	7.0	
3.5	0.5	3.0	
0.1		0.1	
1.0	0.5	0.5	
2.5	0.5	2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
239.00	241.00	2.00	H743369	0.0731	0.059	156	1310	0.006	0.250	14	129	3630
241.00	243.00	2.00	H743371	0.1460	0.116	279	1370	0.010	0.250	32	126	3800
243.00	245.00	2.00	H743372	0.1800	0.144	303	1440	0.013	0.250	3	133	3990
245.00	247.00	2.00	H743373	0.1350	0.112	277	1360	0.012	0.250	6	130	3600
247.00	249.00	2.00	H743374	0.1230	0.102	219	1170	0.009	0.250	12	118	3110
249.00	251.00	2.00	H743375	0.0863	0.074	226	1220	0.007	0.250	3	127	3300
251.00	253.00	2.00	H743376	0.0935	0.079	233	1160	0.007	0.250	3	121	3150
253.00	255.00	2.00	H743377	0.0609	0.046	174	1160	0.005	0.250	3	122	3160
255.00	256.00	1.00	H743378	0.5130	0.503	861	1280	0.033	0.250	3	120	2960
256.00	257.00	1.00	H743379	1.3300	1.270	2300	1900	0.080	0.800	3	150	2970
257.00	258.00	1.00	H743381	2.4600	2.360	3790	2430	0.140	1.500	3	165	2790
258.00	259.00	1.00	H743382	2.0400	1.840	3130	1920	0.130	1.400	5	140	2750
259.00	260.00	1.00	H743383	0.4940	0.432	907	1230	0.037	0.250	5	120	2600
260.00	261.00	1.00	H743384	0.6230	0.554	1040	1130	0.048	0.250	3	115	2360
261.00	262.00	1.00	H743385	0.3220	0.266	551	993	0.027	0.250	6	111	2320
262.00	263.00	1.00	H743386	0.0860	0.062	228	904	0.007	0.250	3	105	2180
263.00	264.00	1.00	H743387	0.1130	0.101	344	947	0.009	0.250	3	106	2120
264.00	265.00	1.00	H743388	0.0977	0.081	280	850	0.009	0.250	3	101	1940
265.00	266.00	1.00	H743389	0.0930	0.080	284	773	0.009	0.250	13	94	1650
266.00	267.00	1.00	H743391	0.1900	0.168	563	803	0.015	0.250	6	94	1500
267.00	267.50	0.50	H743392	0.1970	0.187	130	844	0.023	0.250	163	94	1240
267.50	269.50	2.00	H743393	0.0118	0.011	20	102	0.003	0.250	6	24	149
269.50	271.50	2.00	H743394	0.0021	0.002	49	79	0.002	0.250	9	23	131



Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

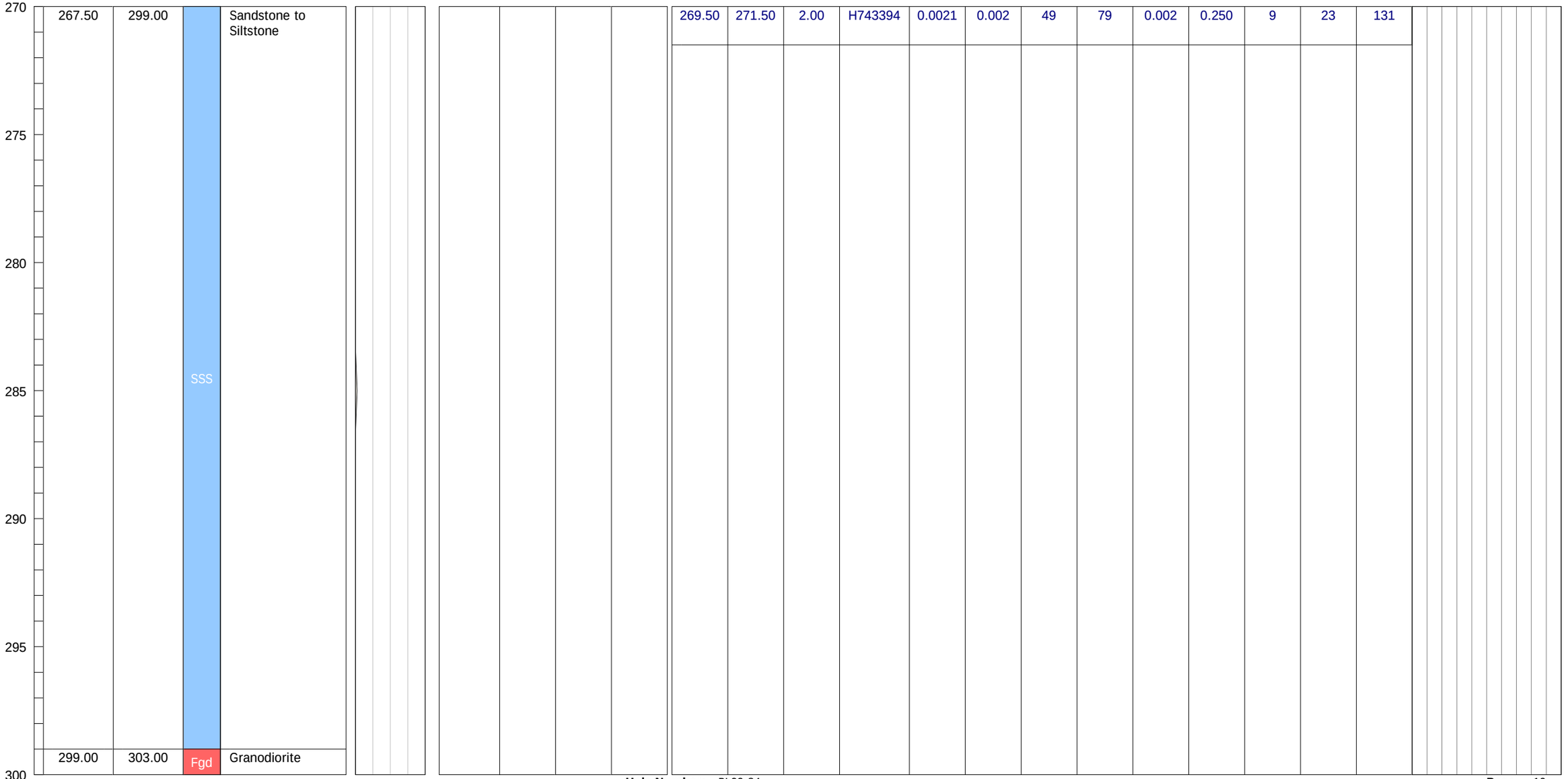
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description
267.50	299.00	SSS	Sandstone to Siltstone
299.00	303.00	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
269.50	271.50	2.00	H743394	0.0021	0.002	49	79	0.002	0.250	9	23	131

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-84

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 25/03/2009
End Date: 30/03/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402394.51
Easting: 358399.57
Elevation: 475.49

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 318.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
299.00	303.00	Fgd	Granodiorite																			
303.00	304.60	Spt	Siltstone																			
304.60	305.13	Fgd	Granodiorite																			
305.13	318.00	SSS	Sandstone to Siltstone																			

300 305 310 315 320 325 330

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
0.00	3.00	Spt	Siltstone
3.00	6.00		Siltstone
6.00	10.00		Chert
10.00	58.75		Sandstone to Siltstone

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

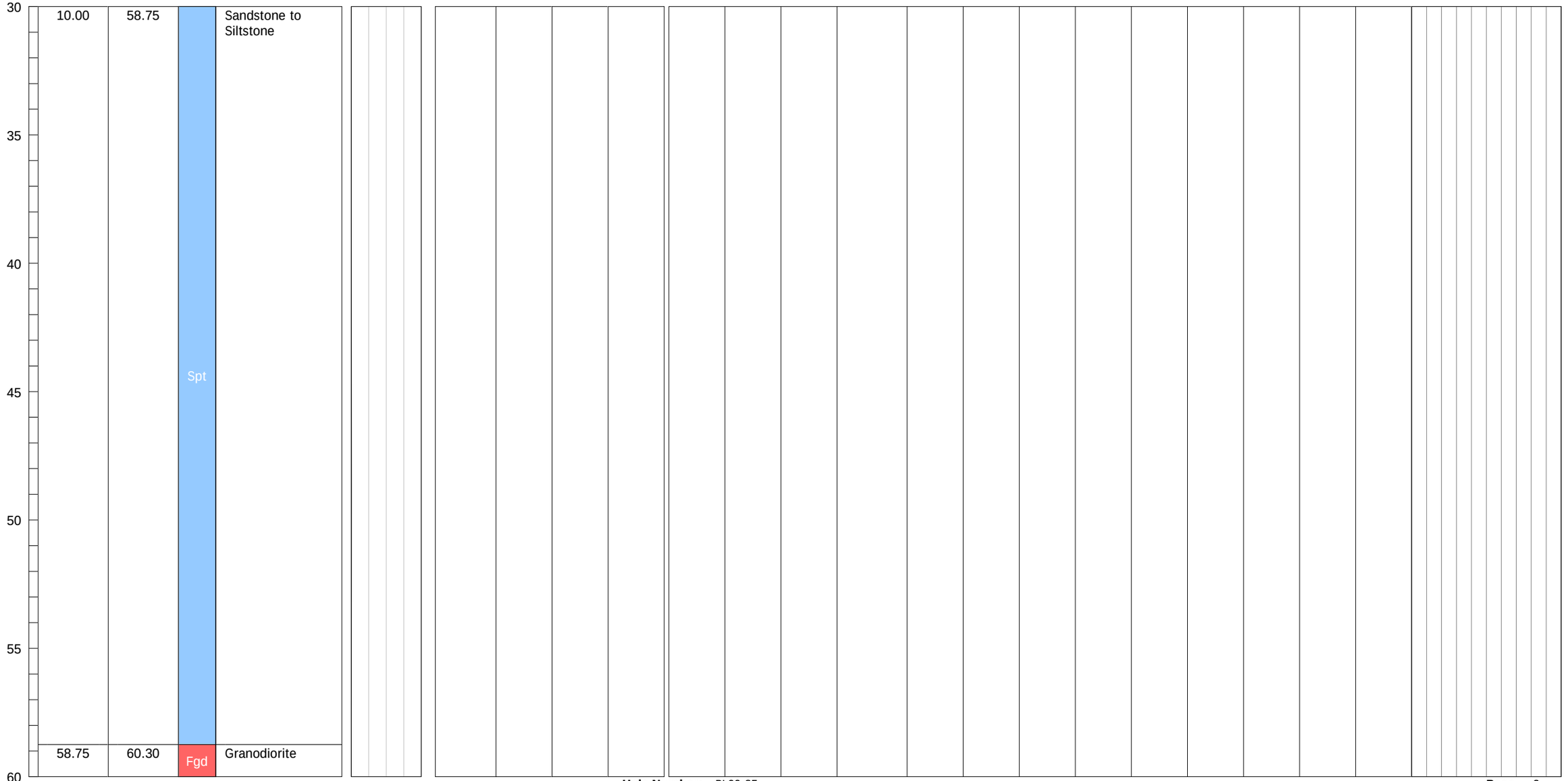
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
10.00	58.75	Spt	Sandstone to Siltstone
58.75	60.30	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
58.75	60.30	Fgd	Granodiorite
60.30	71.15	SSS	Sandstone to Siltstone
71.15	73.50	Fgd	Granodiorite
73.50	83.15	Spt	Siltstone
83.15	83.50	Fgg	Alkali feldspar granite
83.50	103.00	Spt	Siltstone

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
83.50	103.00	Spt	Siltstone
103.00	103.50	Fqg	Alkali feldspar granite
103.50	107.00	Spt	Siltstone
107.00	111.00	Spt	Siltstone
111.00	114.80	Spt	Siltstone
114.80	121.40	Zib	Mixed Intrusion Breccia

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
2.0			

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
106.80	108.80	2.00	H743395	0.0035	0.003	14	81	0.002	0.250	11	26	132
108.80	110.80	2.00	H743396	0.0027	0.002	125	63	0.001	0.250	7	19	124
110.80	112.80	2.00	H743397	0.0013	0.001	14	69	0.001	0.500	7	16	83
112.80	114.80	2.00	H743398	0.0020	0.002	4	60	0.001	0.250	10	16	120
114.80	116.80	2.00	H743399	0.0083	0.006	12	23	0.001	0.250	6	8	49
116.80	118.80	2.00	H743401	0.0037	0.003	30	53	0.001	0.500	5	14	60
118.80	120.10	1.30	H743402	0.0033	0.003	24	89	0.001	0.500	6	21	99

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
114.80	121.40	Zib	Mixed Intrusion Breccia
121.40	122.80	Hg	Hybrid Grey
122.80	131.00	Zib	Mixed Intrusion Breccia
131.00	138.20	Zib	Mixed Intrusion Breccia
138.20	141.25	Hc	Hybrid Classic Red
141.25	141.50	Hg	Hybrid Grey
141.50	151.40	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
2.0			
0.6	0.1	0.5	
1.5	0.5	1.0	
6.0	1.0	5.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
118.80	120.10	1.30	H743402	0.0033	0.003	24	89	0.001	0.500	6	21	99
120.10	121.40	1.30	H743403	0.0028	0.002	14	66	0.001	0.250	6	21	107
121.40	122.80	1.40	H743404	0.0078	0.005	49	114	0.002	0.250	15	45	238
122.80	123.50	0.70	H743405	0.0032	0.002	9	53	0.001	0.250	13	21	104
123.50	125.50	2.00	H743406	0.0023	0.002	13	58	0.002	0.250	5	15	74
125.50	127.50	2.00	H743407	0.0035	0.002	669	41	0.001	0.250	9	14	88
127.50	129.50	2.00	H743408	0.0027	0.002	80	51	0.002	0.250	13	17	113
129.50	131.50	2.00	H743409	0.0027	0.003	29	52	0.001	0.250	17	18	108
131.50	133.50	2.00	H743411	0.0282	0.021	15	77	0.003	0.250	15	16	149
133.50	135.50	2.00	H743412	0.0644	0.060	24	56	0.003	0.250	8	10	75
135.50	137.50	2.00	H743413	0.0537	0.047	16	58	0.002	0.250	7	9	92
137.50	139.50	2.00	H743414	0.0202	0.017	13	27	0.002	0.250	8	7	67
139.50	141.50	2.00	H743415	0.0865	0.088	158	82	0.003	0.250	10	14	117
141.50	143.00	1.50	H743416	0.0855	0.090	336	666	0.008	0.250	28	90	1030
143.00	145.00	2.00	H743417	0.0999	0.102	335	748	0.009	0.250	6	98	1300
145.00	147.00	2.00	H743418	0.1770	0.181	501	870	0.014	0.250	22	104	1450
147.00	148.00	1.00	H743419	0.1400	0.141	520	916	0.009	0.600	49	108	1630
148.00	149.00	1.00	H743421	0.1480	0.148	486	898	0.011	0.250	12	113	1690
149.00	150.00	1.00	H743422	0.9560	0.953	2570	1540	0.066	1.500	33	134	1670

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
141.50	151.40	Mgm	Gabbro - Melanocratic
151.40	173.10	Upd	Peridotite
173.10	174.90	Fg	Granite - Undifferentiated
174.90	177.15	Hg	Hybrid Grey
177.15	215.10	Fgr	Granite

From m	To m	Sulphide %	Cpy %	Po %	Py %
150.00	151.00	6.0	1.0	5.0	
151.00	152.00	3.5	0.5	3.0	
152.00	153.00				
153.00	154.00				
154.00	155.00				
155.00	156.00				
156.00	157.00	0.1		0.1	
157.00	159.00				
159.00	160.00	3.5	0.5	3.0	
160.00	161.00				
161.00	162.00				
162.00	163.00				
163.00	164.00				
164.00	165.00				
165.00	166.00				
166.00	167.00				
167.00	168.00	0.6	0.1	0.5	
168.00	169.00	1.5	0.5	1.0	
169.00	170.00				
170.00	171.00				
171.00	172.00				
172.00	173.10				
173.10	174.90				
174.90	176.00				
176.00	177.15				
177.15	179.15				
179.15	181.15				

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H743423	0.5600	0.549	1510	1145	0.041	1.300	68	119	1500
151.00	152.00	1.00	H743424	0.6470	0.657	1730	1350	0.044	1.100	39	124	1500
152.00	153.00	1.00	H743425	0.6780	0.651	2120	1900	0.047	1.300	16	147	2710
153.00	154.00	1.00	H743426	0.5940	0.581	1995	1840	0.042	1.300	23	146	2520
154.00	155.00	1.00	H743427	1.2300	1.210	3350	2450	0.080	2.300	17	169	2610
155.00	156.00	1.00	H743428	1.1500	1.060	2900	2100	0.080	2.100	3	156	2860
156.00	157.00	1.00	H743429	0.6740	0.631	1805	1755	0.057	1.200	5	157	3200
157.00	159.00	2.00	H743431	0.3940	0.388	1285	1580	0.032	1.200	30	158	3010
159.00	160.00	1.00	H743432	0.6310	0.627	1865	1795	0.040	1.300	47	163	2410
160.00	161.00	1.00	H743433	0.9360	0.925	2690	2190	0.063	1.900	26	170	2700
161.00	162.00	1.00	H743434	0.8090	0.820	2360	2050	0.058	1.500	6	172	2780
162.00	163.00	1.00	H743435	0.6760	0.673	2380	2010	0.054	1.500	10	169	2650
163.00	164.00	1.00	H743436	0.7910	0.794	2590	2060	0.067	1.900	8	168	2880
164.00	165.00	1.00	H743437	0.8390	0.805	2500	2010	0.074	2.000	5	160	2900
165.00	166.00	1.00	H743438	0.6680	0.650	2270	2100	0.056	1.700	3	160	3150
166.00	167.00	1.00	H743439	0.3680	0.346	1170	1640	0.032	1.000	12	142	2700
167.00	168.00	1.00	H743441	0.3200	0.304	1075	1585	0.028	0.700	22	142	2360
168.00	169.00	1.00	H743442	0.1500	0.143	495	1305	0.014	0.500	9	130	1940
169.00	170.00	1.00	H743443	0.2380	0.236	723	1395	0.021	0.600	19	135	2250
170.00	171.00	1.00	H743444	0.2910	0.291	1020	1460	0.024	0.700	11	137	2530
171.00	172.00	1.00	H743445	0.4240	0.387	1320	1230	0.033	0.800	21	119	1980
172.00	173.10	1.10	H743446	0.1820	0.173	685	939	0.017	0.250	12	103	1810
173.10	174.90	1.80	H743447	0.0126	0.010	44	25	0.002	0.600	6	3	13
174.90	176.00	1.10	H743448	0.0118	0.020	96	132	0.003	0.250	7	20	123
176.00	177.15	1.15	H743449	0.0020	0.005	25	71	0.003	0.250	3	17	100
177.15	179.15	2.00	H743451	0.0020	0.008	4	12	0.003	0.250	5	1	19
179.15	181.15	2.00	H743452	0.0009	0.002	2	6	0.002	0.250	3	1	11

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
177.15	215.10	Fgr	Granite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
179.15	181.15	2.00	H743452	0.0009	0.002	2	6	0.002	0.250	3	1	11

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-85

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 31/03/2009
End Date: 02/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402438.78
Easting: 357996.20
Elevation: 501.81

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
177.15	215.10	Fgr	Granite
215.10	225.00	Spt	Siltstone

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
0.00	9.90	Spt	Siltstone
9.90	12.00	Fgt	Tonalite
12.00	15.50	Spt	Siltstone
15.50	15.90	Fgt	Tonalite
15.90	20.25	Spt	Siltstone
20.25	22.00	Fgt	Tonalite
22.00	26.70	Spt	Siltstone
26.70	28.70	Fgt	Tonalite
28.70	29.60	Spt	Siltstone
29.60	30.00	Fgt	Tonalite

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
30.00	33.00	Spt	Siltstone
33.00	54.00	Fgt	Tonalite
54.00	59.50	Spt	Siltstone
59.50	60.50	Fgt	Tonalite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
59.50	60.50	Fgt	Tonalite
60.50	61.50	Spt	Siltstone
61.50	62.00	Fgt	Tonalite
62.00	66.80	Spt	Siltstone
66.80	67.40	Fgt	Tonalite
67.40	70.30	Spt	Siltstone
70.30	70.80	Fgt	Tonalite
70.80	72.60	Spt	Siltstone
72.60	72.95	Fgt	Tonalite
72.95	82.60	Spt	Siltstone
82.60	82.85	Fgt	Tonalite
82.85	87.00	Spt	Siltstone
87.00	87.30	Fgt	Tonalite
87.30	88.35	Spt	Siltstone
88.35	89.00	Fgt	Tonalite
89.00	89.65	Spt	Siltstone
89.65	91.00	Fgt	Tonalite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

From m	To m	Code	Rock description
89.65	91.00	Fgt	Tonalite
91.00	107.00	Spt	Siltstone
107.00	117.00		Chert
117.00	133.60		Sedimentary Gneiss

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
117.00	133.60	Spt	Sedimentary Gneiss
133.60	139.00		Siltstone
139.00	142.00		Sedimentary Gneiss
142.00	143.25	Hr	Hybrid Classic Red
143.25	144.00		Hybrid Classic Red
144.00	144.70		Hybrid Classic Red
144.70	150.50	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.0			1.0
0.5		0.5	
0.2	0.1	0.1	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
134.00	136.00	2.00	H743453	0.0018	0.002	52	75	0.002	0.250	10	24	134
136.00	137.00	1.00	H743454	0.0015	0.001	59	61	0.002	0.250	7	22	109
137.00	138.00	1.00	H743455	0.0017	0.002	32	64	0.001	0.250	9	21	117
138.00	140.00	2.00	H743456	0.1080	0.067	242	162	0.008	0.250	12	42	353
140.00	142.00	2.00	H743457	0.0026	0.002	69	133	0.002	0.250	11	24	226
142.00	143.25	1.25	H743458	0.0017	0.002	12	84	0.002	0.250	10	18	129
143.25	144.70	1.45	H743459	0.0027	0.002	8	71	0.002	0.250	15	24	109
144.70	146.00	1.30	H743461	0.0600	0.057	190	587	0.007	0.250	13	89	632
146.00	147.00	1.00	H743462	0.0595	0.058	171	717	0.006	0.250	16	103	491
147.00	149.00	2.00	H743463	0.1650	0.156	391	733	0.013	0.250	9	97	740
149.00	151.00	2.00	H743464	0.1300	0.126	420	654	0.011	0.500	5	94	924

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
144.70	150.50	Upd	Peridotite
150.50	163.35	Mgm	Gabbro - Melanocratic
163.35	177.85	Upd	Peridotite
177.85	180.15	Spt	Siltstone

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
144.70	150.50	0.2	0.1	0.1	
150.50	163.35	3.5	0.5	3.0	
163.35	177.85	6.0	1.0	5.0	
		19.0	3.0	15.0	1.0
		6.0	1.0	5.0	
		3.5	0.5	3.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
149.00	151.00	2.00	H743464	0.1300	0.126	420	654	0.011	0.500	5	94	924
151.00	153.00	2.00	H743465	0.0939	0.084	295	626	0.006	0.250	13	86	1260
153.00	155.00	2.00	H743466	0.1410	0.137	456	826	0.011	0.250	8	105	1660
155.00	156.00	1.00	H743467	0.1710	0.163	435	855	0.013	0.250	3	105	1660
156.00	157.00	1.00	H743468	0.3390	0.313	745	1110	0.022	0.250	13	117	1980
157.00	158.00	1.00	H743469	0.1180	0.111	349	905	0.010	0.250	3	110	1820
158.00	159.00	1.00	H743471	0.0691	0.070	246	801	0.006	0.250	3	102	1710
159.00	160.00	1.00	H743472	0.0854	0.089	332	839	0.009	0.250	3	104	1740
160.00	161.00	1.00	H743473	0.0462	0.042	171	773	0.006	0.250	3	101	1700
161.00	162.00	1.00	H743474	0.0586	0.058	212	817	0.006	0.250	3	105	1810
162.00	163.00	1.00	H743475	0.0415	0.037	208	788	0.005	0.250	6	104	1700
163.00	164.00	1.00	H743476	2.1000	1.840	3930	1520	0.140	2.700	3	130	2130
164.00	165.00	1.00	H743477	3.9600	3.720	7770	4010	0.210	4.300	6	215	2230
165.00	166.00	1.00	H743478	4.4200	4.040	8460	3170	0.270	5.400	8	182	1820
166.00	167.00	1.00	H743479	4.2300	3.710	7930	2710	0.250	5.000	3	177	2210
167.00	168.00	1.00	H743481	2.6400	2.560	5780	2390	0.160	3.500	13	165	1740
168.00	169.00	1.00	H743482	1.8600	1.840	4070	2140	0.110	2.200	8	154	1550
169.00	170.00	1.00	H743483	1.9300	1.870	4560	1855	0.130	2.900	3	149	1830
170.00	171.00	1.00	H743484	1.3400	1.310	3130	1540	0.100	2.200	3	134	1800
171.00	172.00	1.00	H743485	2.1200	2.140	5180	2560	0.120	3.100	3	187	1760
172.00	173.00	1.00	H743486	2.4500	2.430	6020	2840	0.140	3.400	3	194	1700
173.00	174.00	1.00	H743487	3.3600	3.460	8930	4420	0.180	4.200	3	285	1550
174.00	175.00	1.00	H743488	3.3900	3.480	8810	4370	0.180	4.000	21	265	1410
175.00	176.00	1.00	H743489	4.2200	4.340	10800	5340	0.230	5.600	22	313	1400
176.00	177.00	1.00	H743491	3.0400	2.860	6690	2270	0.260	7.300	38	144	1180
177.00	177.85	0.85	H743492	1.2000	1.090	2630	905	0.100	0.900	16	97	1150
177.85	179.00	1.15	H743493	0.2230	0.220	602	148	0.020	0.500	12	24	128
179.00	180.15	1.15	H743494	0.0064	0.004	69	71	0.003	0.250	3	18	126

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
177.85	180.15	Fg	Siltstone
180.15	180.80		Granite - Undifferentiated
180.80	188.20	Spt	Siltstone
188.20	203.25		Siltstone
203.25	203.90	Fgt	Tonalite
203.90	214.50	Spt	Siltstone

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
179.00	180.15	1.15	H743494	0.0064	0.004	69	71	0.003	0.250	3	18	126
180.15	182.15	2.00	H743495	0.0039	0.003	62	52	0.003	0.250	7	17	101
182.15	184.15	2.00	H743496	0.0024	0.002	64	69	0.002	0.250	5	18	122

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-86

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 02/04/2009
End Date: 03/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402400.93
Easting: 357997.65
Elevation: 501.76

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 219.00

Lithology From m	To m	Code	Rock description
203.90	214.50	Spt	Siltstone
214.50	215.15	Fgt	Tonalite
215.15	215.60	Spt	Siltstone
215.60	219.00	Fgt	Tonalite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
0.00	34.00	Fgg	Alkali feldspar granite					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
0.00	34.00	Fgg	Alkali feldspar granite
34.00	72.00	Fgg	Alkali feldspar granite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

30 35 40 45 50 55 60

Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

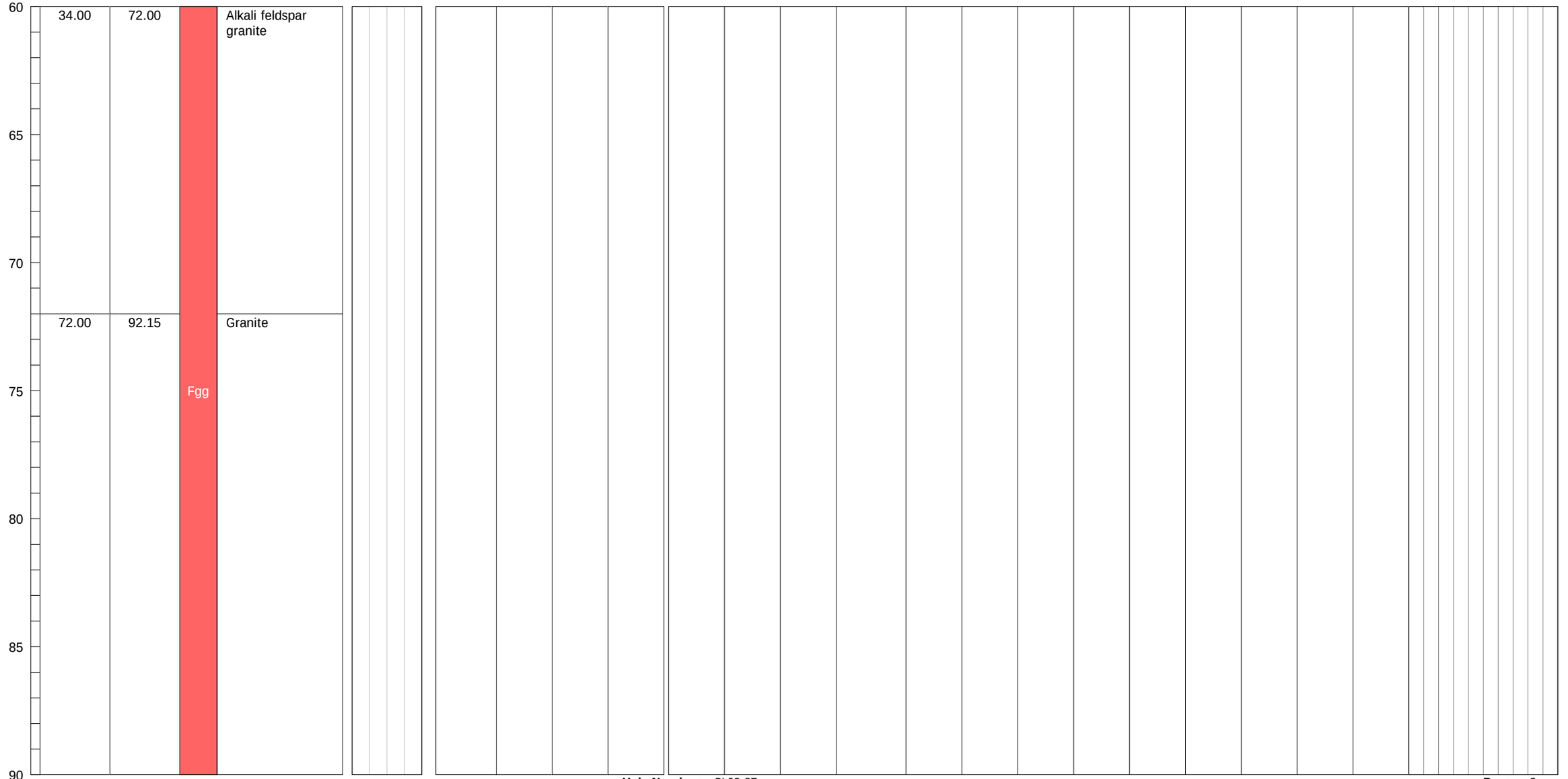
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
34.00	72.00	Fgg	Alkali feldspar granite
72.00	92.15	Fgg	Granite



Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
72.00	92.15	Fgg	Granite
92.15	127.00	Spt	Siltstone

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

90 95 100 105 110 115 120

Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
92.15	127.00	Spt	Siltstone
127.00	137.00	Spt	Schist
137.00	145.65	Spt	Siltstone
145.65	147.95	Mt	troctolite
147.95	166.60	Spt	Siltstone

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
141.65	143.65	2.00	H743497	0.0016	0.001	74	60	0.001	0.250	9	18	97
143.65	145.65	2.00	H743498	0.0073	0.007	43	66	0.001	0.250	7	19	107
145.65	146.80	1.15	H743499	0.0142	0.008	174	96	0.003	0.600	12	44	231
146.80	147.95	1.15	H740001	0.1750	0.159	484	314	0.014	0.700	11	55	373
147.95	149.95	2.00	H740002	0.0018	0.002	36	62	0.002	0.250	3	20	95
149.95	151.95	2.00	H740003	0.0017	0.002	53	53	0.002	0.250	3	16	110

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
147.95	166.60	Spt	Siltstone
166.60	168.10	Hg	Hybrid Grey
168.10	169.20	Spt	Siltstone
169.20	181.60	Mgm	Gabbro - Melanocratic

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
2.9	0.9	2.0	
2.5	0.5	2.0	
0.6	0.1	0.5	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
149.95	151.95	2.00	H740003	0.0017	0.002	53	53	0.002	0.250	3	16	110
162.60	164.60	2.00	H740004	0.0014	0.001	11	40	0.001	0.250	3	14	82
164.60	166.60	2.00	H740005	0.0015	0.001	13	53	0.002	0.250	5	15	94
166.60	168.10	1.50	H740006	0.0177	0.012	135	429	0.003	0.500	8	71	1180
168.10	169.20	1.10	H740007	0.0028	0.002	229	58	0.001	0.500	11	21	118
169.20	170.50	1.30	H740008	0.0054	0.003	232	141	0.002	0.500	21	33	313
170.50	171.75	1.25	H740009	0.0083	0.005	267	406	0.002	0.250	29	51	872
171.75	173.00	1.25	H740011	0.0105	0.006	93	806	0.002	0.500	10	100	1310
173.00	174.00	1.00	H740012	0.0130	0.008	83	828	0.003	0.500	9	97	1350
174.00	176.00	2.00	H740013	0.0142	0.009	75	871	0.002	0.250	3	105	1540
176.00	178.00	2.00	H740014	0.0185	0.014	80	1010	0.003	0.250	3	114	1650
178.00	180.00	2.00	H740015	0.0333	0.029	120	993	0.004	0.500	8	114	1870

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

Lithology From m	To m	Code	Rock description
169.20	181.60	Mgm	Gabbro - Melanocratic
181.60	189.55	Upd	Peridotite
189.55	191.43	Mgm	Gabbro - Melanocratic
191.43	191.48		Hybrid Grey
191.48	194.50		Siltstone
194.50	214.90	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.6	0.1	0.5	
2.0		2.0	
9.0	2.0	7.0	
2.5	0.5	2.0	
9.0	2.0	7.0	
2.5	0.5	2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
180.00	182.00	2.00	H740016	0.0407	0.035	169	1030	0.004	0.250	7	117	2250
182.00	183.00	1.00	H740017	0.0673	0.058	297	1030	0.006	0.250	3	114	2320
183.00	184.00	1.00	H740018	0.0701	0.066	285	1110	0.006	0.600	6	115	2350
184.00	185.00	1.00	H740019	0.0572	0.050	283	1060	0.006	0.250	12	117	2670
185.00	186.00	1.00	H740021	0.1860	0.173	852	1330	0.015	1.500	25	136	2400
186.00	187.00	1.00	H740022	0.1310	0.112	503	1180	0.010	0.250	21	120	2420
187.00	188.00	1.00	H740023	0.0822	0.077	318	1100	0.007	0.250	12	115	2340
188.00	189.00	1.00	H740024	0.4650	0.412	1485	1400	0.037	1.000	3	129	2440
189.00	190.00	1.00	H740025	0.0539	0.041	188	709	0.006	0.700	14	122	1640
190.00	191.48	1.48	H740026	0.0096	0.008	106	599	0.002	0.600	6	105	1140
191.48	193.48	2.00	H740027	0.0021	0.002	52	68	0.001	0.250	9	18	104
193.48	195.48	2.00	H740028	0.0015	0.001	81	59	0.001	0.250	3	19	107

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-87

Project: TBN
Claim #: 4210157
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 04/04/2009
End Date: 07/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402500.05
Easting: 358002.46
Elevation: 503.38

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 240.00

From m	To m	Code	Rock description
194.50	214.90	Spt	Siltstone
214.90	217.00	Fgt	Tonalite
217.00	237.00	Spt	Siltstone
237.00	240.00	Fgt	Tonalite

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

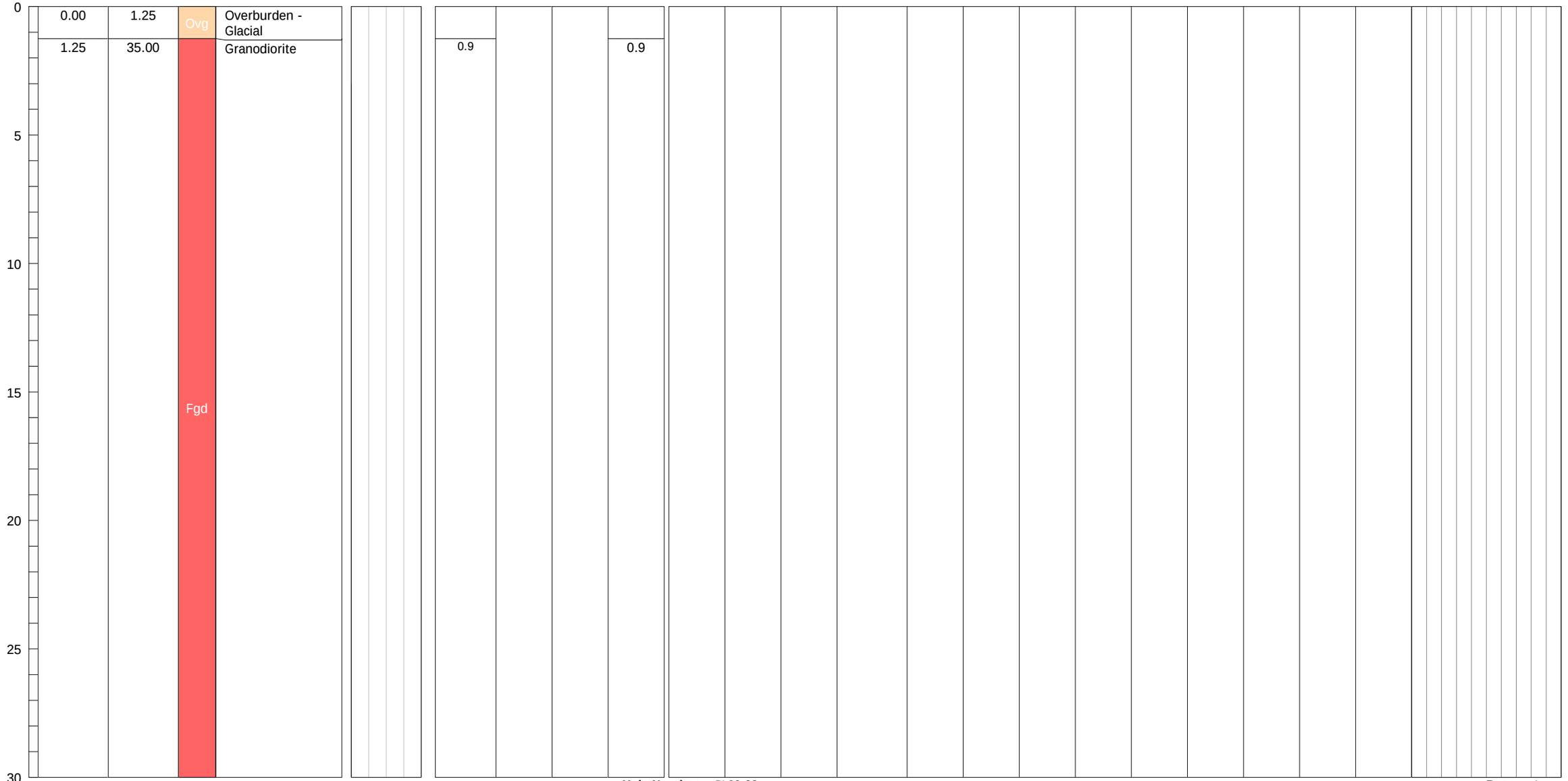
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
0.00	1.25	Ovg	Overburden - Glacial
1.25	35.00	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
1.25	35.00	Fgd	Granodiorite
35.00	39.70		Granodiorite
39.70	42.70		Granodiorite
42.70	46.30		Granodiorite
46.30	56.20		Granodiorite
56.20	58.10		Granodiorite
58.10	104.80		Granodiorite

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
		0.9			0.9

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

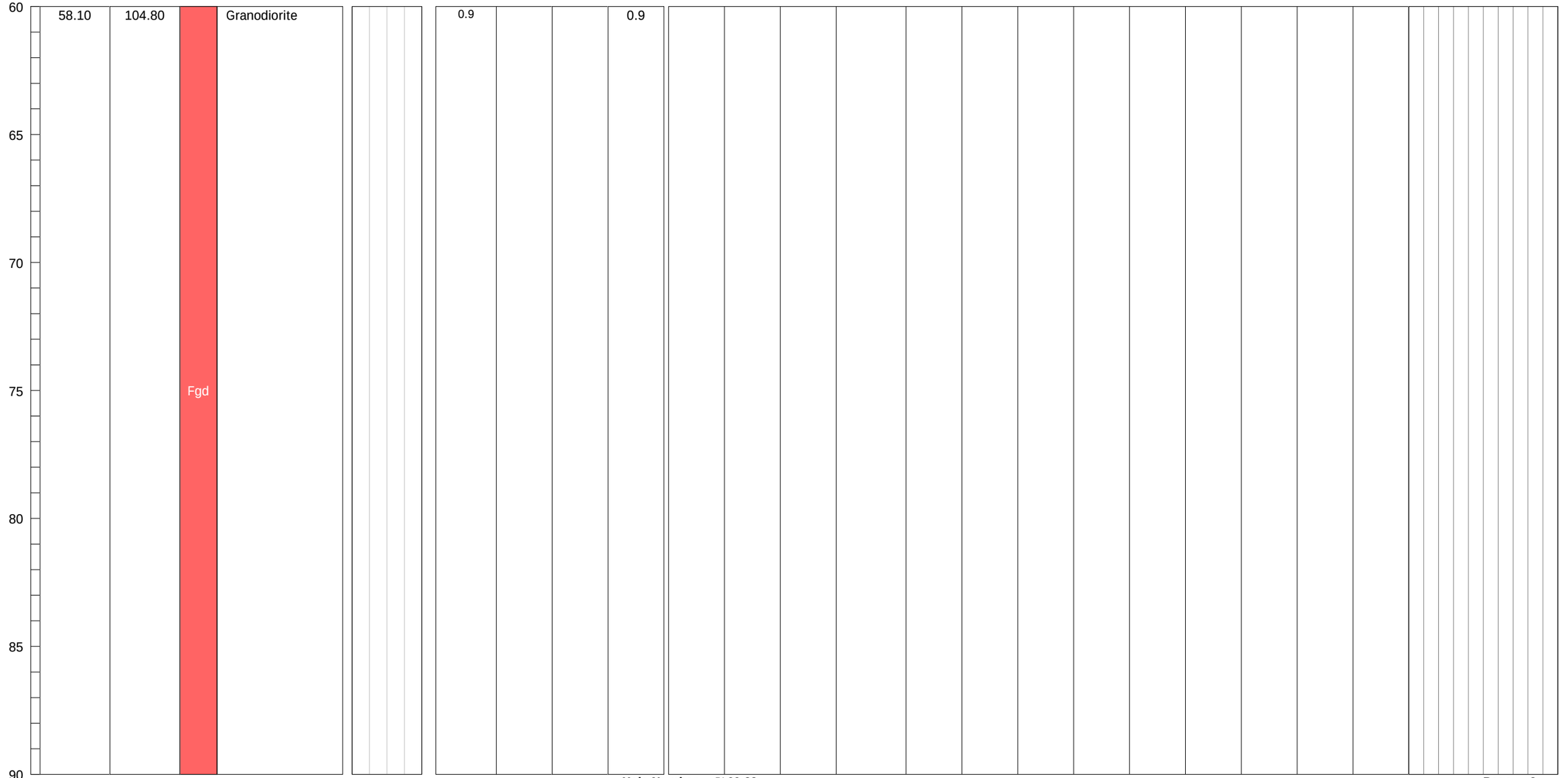
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
58.10	104.80	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
58.10	104.80	Fgd	Granodiorite
104.80	106.35		Granodiorite
106.35	129.20		Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.9			0.9

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

90 95 100 105 110 115 120

Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
106.35	129.20	Fgd	Granodiorite
129.20	129.50	Hg	Hybrid Grey
129.50	139.15	Mgm	Gabbro - Melanocratic
139.15	151.50	Fg	Granite - Undifferentiated

From m	Sulphide %	Cpy %	Po %	Py %
106.35	0.9			0.9
129.20	1.0		0.5	0.5
129.50	1.5		1.0	0.5
	1.0		1.0	
	2.6	0.1	2.0	0.5
	3.3	0.1	3.0	0.1
	4.5	1.0	3.0	
	9.0	1.0	7.0	
	4.0	0.9	3.0	
139.15	1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
125.20	127.20	2.00	H740029	0.0015	0.001	6	2	0.001	0.250	3	1	23
127.20	129.20	2.00	H740031	0.0011	0.001	5	2	0.001	0.250	3	1	16
129.20	130.00	0.80	H740032	0.0281	0.023	194	355	0.005	0.250	10	63	734
130.00	131.00	1.00	H740033	0.0340	0.029	177	498	0.006	0.250	13	75	1075
131.00	132.00	1.00	H740034	0.0652	0.065	245	591	0.008	0.250	3	79	1200
132.00	133.00	1.00	H740035	0.0569	0.057	260	577	0.006	0.250	13	82	1235
133.00	134.00	1.00	H740036	0.0615	0.059	229	608	0.007	0.250	17	81	1285
134.00	135.00	1.00	H740037	0.0977	0.095	332	672	0.008	0.500	15	86	1325
135.00	136.00	1.00	H740038	0.7390	0.820	2200	1170	0.050	1.500	15	105	1265
136.00	137.00	1.00	H740039	2.6700	2.720	6770	2770	0.150	3.200	16	204	1575
137.00	138.00	1.00	H740041	3.1900	3.240	8200	3930	0.160	5.100	30	267	1390
138.00	139.15	1.15	H740042	2.6200	2.600	6230	2420	0.160	2.900	29	169	1260
139.15	141.15	2.00	H740043	0.0811	0.076	155	64	0.006	0.250	3	4	31
141.15	143.15	2.00	H740044	0.0073	0.004	26	7	0.002	0.500	3	1	17

Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
139.15	151.50	Fg	Granite - Undifferentiated
151.50	167.00	Fg	Granodiorite
167.00	168.00	Hr	Hybrid Classic Red
168.00	169.90	Hg	Hybrid Grey
169.90	173.20	Hg	Hybrid Grey
173.20	185.90	Fg	Granite - Undifferentiated

Magsus (0 100 200)

From m	To m	Sulphide %	Cpy %	Po %	Py %
139.15	167.00	1.0			1.0
167.00	168.00	2.0			2.0
168.00	169.90	1.0			1.0
169.90	173.20	3.0			3.0
173.20	175.20	6.0			6.0
175.20	177.20	1.0			1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
163.00	165.00	2.00	H740045	0.0029	0.001	5	2	0.002	0.250	3	1	14
165.00	167.00	2.00	H740046	0.0021	0.001	4	2	0.002	0.250	3	1	15
167.00	168.00	1.00	H740047	0.0014	0.001	33	14	0.001	0.250	3	35	11
168.00	170.00	2.00	H740048	0.0013	0.001	34	90	0.001	0.250	3	83	94
170.00	172.00	2.00	H740049	0.0014	0.001	45	50	0.002	0.250	6	60	49
172.00	173.20	1.20	H740051	0.0009	0.001	33	22	0.002	0.250	9	39	16
173.20	175.20	2.00	H740052	0.0008	0.001	3	2	0.002	0.250	3	1	11
175.20	177.20	2.00	H740053	0.0008	0.001	1	2	0.002	0.250	3	1	20

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

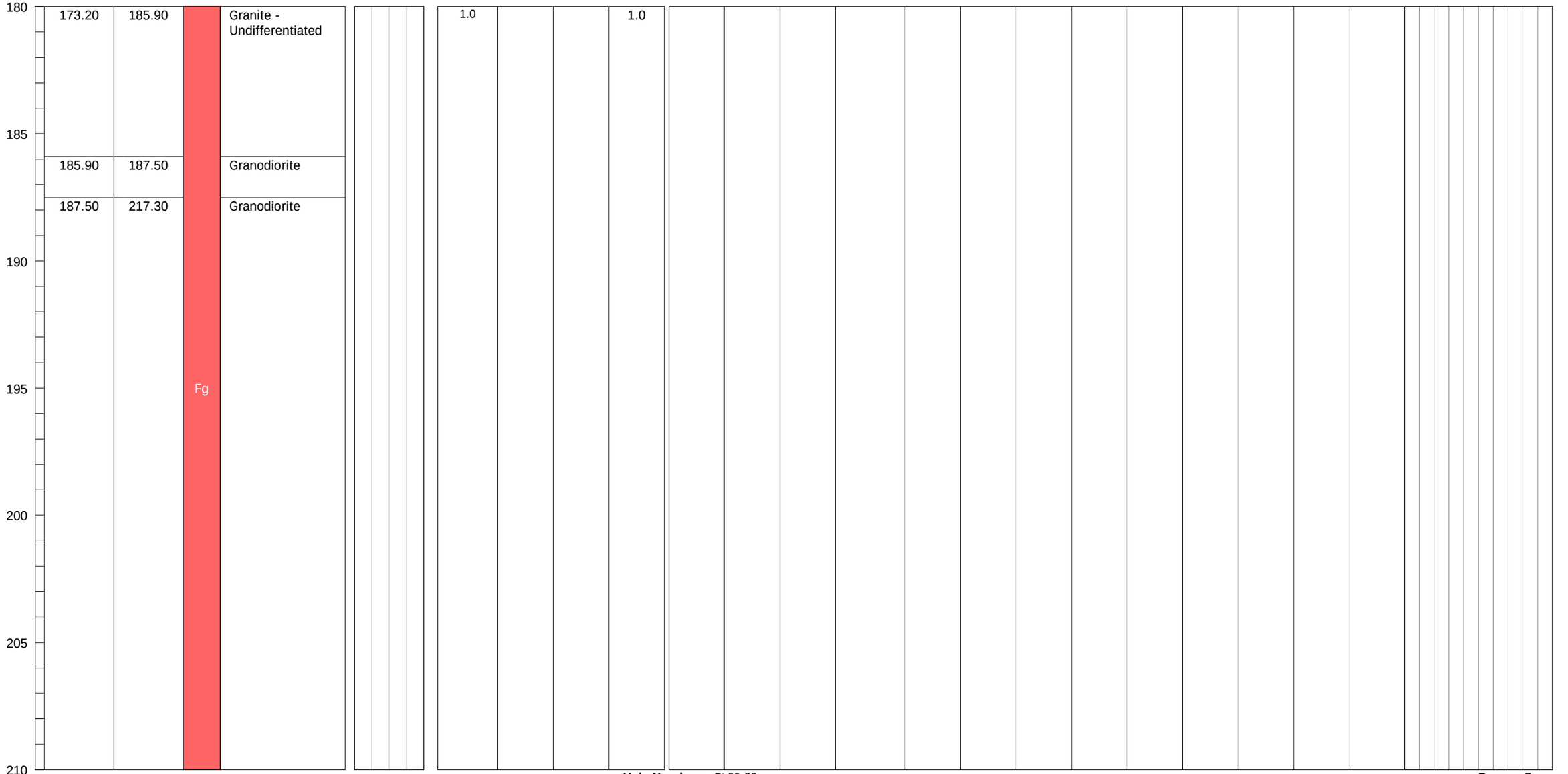
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

Lithology From m	To m	Code	Rock description
173.20	185.90	Fg	Granite - Undifferentiated
185.90	187.50		Granodiorite
187.50	217.30		Granodiorite



Hole Number: BL09-88

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 07/04/2009
End Date: 09/04/2009

Magma Metals (Canada) Ltd.

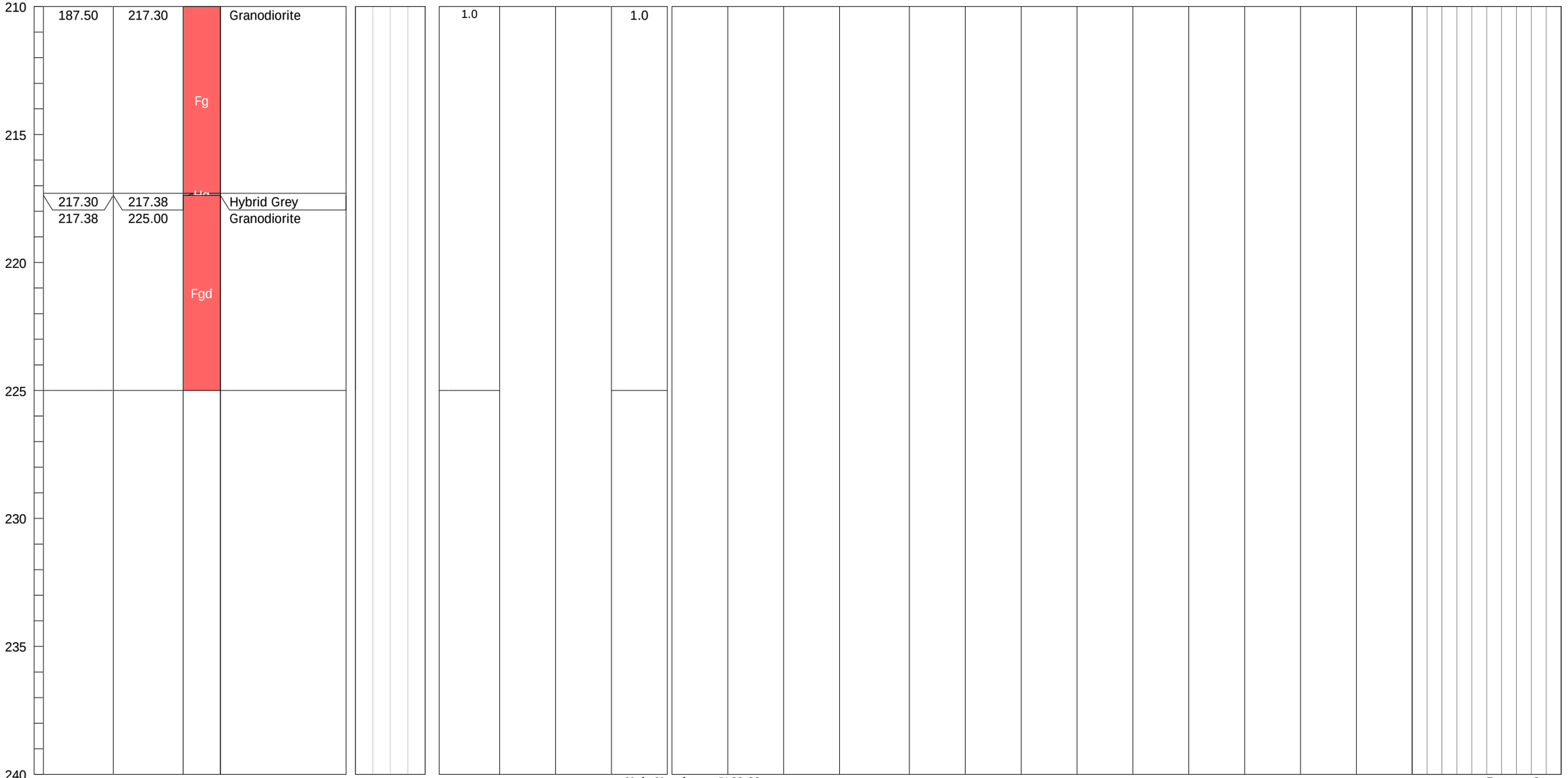
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402563.91
Easting: 357851.53
Elevation: 505.62

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 225.00

From m	To m	Code	Rock description
187.50	217.30	Fg	Granodiorite
217.30	217.38	Hg	Hybrid Grey
217.38	225.00	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-89

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
End Date: 12/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

From m	To m	Code	Rock description
0.00	1.80	Ovg	Overburden - Glacial
1.80	4.60	Fgd	Granodiorite
4.60	24.00		Granodiorite
24.00	45.40		Granite - Undifferentiated

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-89

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
End Date: 12/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

Lithology From m	To m	Code	Rock description
24.00	45.40	Fgd	Granite - Undifferentiated
45.40	56.00		Granodiorite
56.00	121.20		Granodiorite

Magsus (0 100 200) | Sulphide % | Cpy % | Po % | Py %

0.5 | 0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

30 35 40 45 50 55 60

Hole Number: BL09-89

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
End Date: 12/04/2009

Magma Metals (Canada) Ltd.

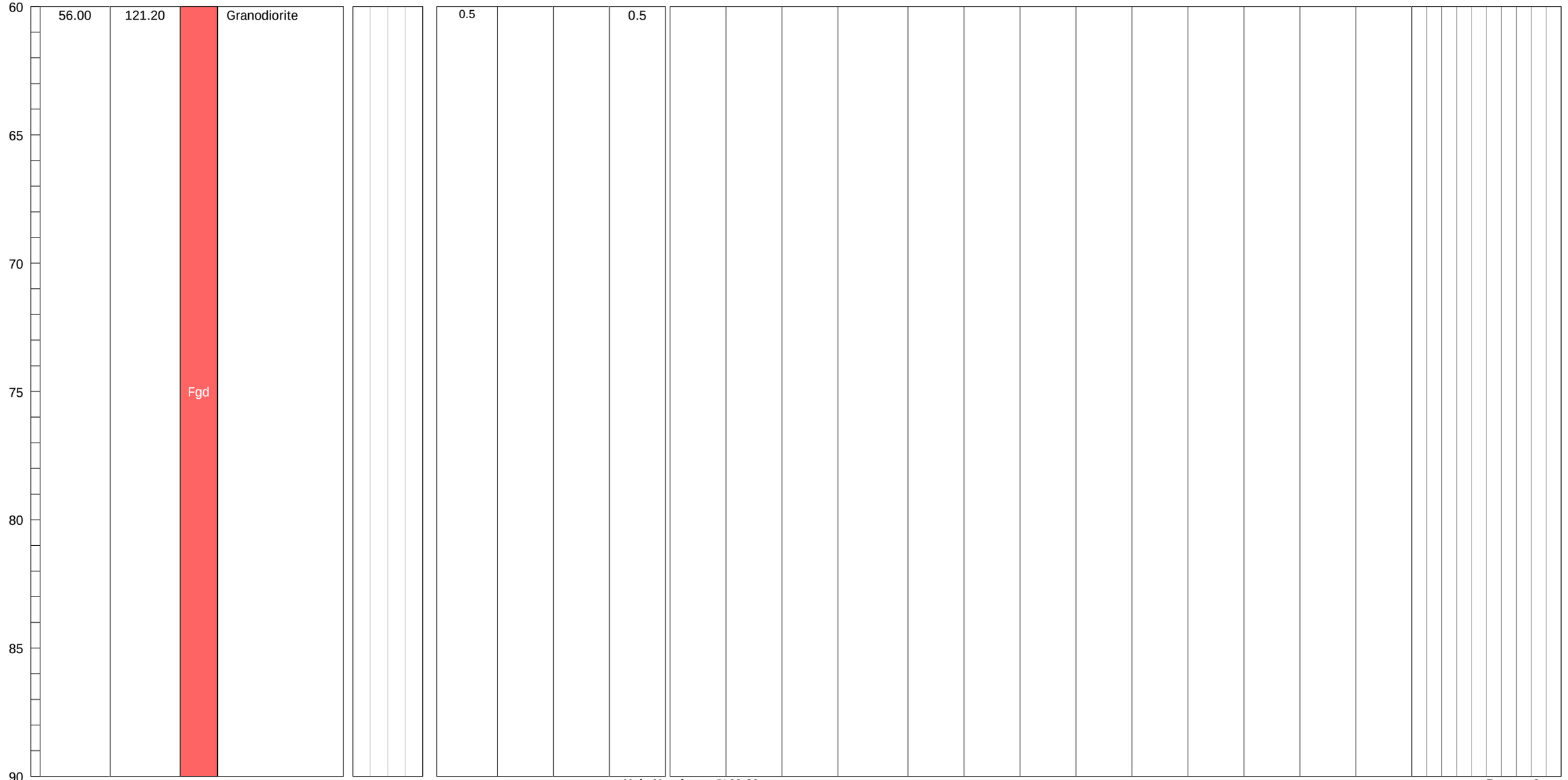
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

Lithology From m	To m	Code	Rock description
56.00	121.20	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-89

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
End Date: 12/04/2009

Magma Metals (Canada) Ltd.

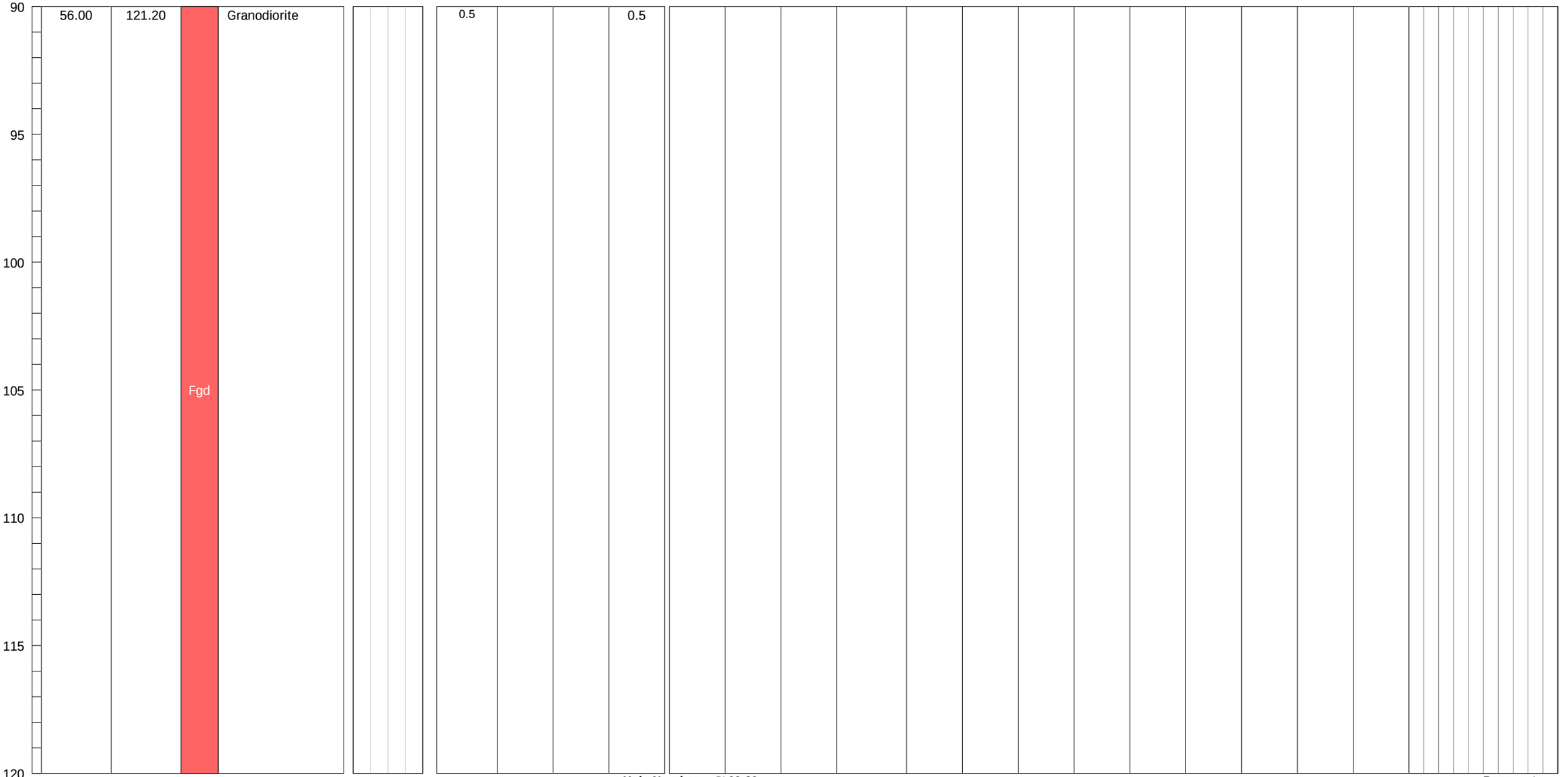
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

From m	To m	Code	Rock description
56.00	121.20	Fgd	Granodiorite



Hole Number: BL09-89

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
End Date: 12/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

Lithology From m	To m	Code	Rock description
56.00	121.20	Fgd	Granodiorite
121.20	125.70	Fx	Felsic breccia
125.70	131.75	Fg	Granite - Undifferentiated
131.75	131.80	Fg	Ultramafic - Undifferentiated
131.80	134.95	Fg	Granite - Undifferentiated
134.95	135.65	Fg	Granite - Undifferentiated
135.65	135.85	Hg	Hybrid Classic
135.85	136.80	Hg	Red
136.80	162.40	Hg	Hybrid Grey
		Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
2.0			2.0
0.5		1.0	0.5
1.0		1.0	
1.1		1.0	
2.1	0.1	2.0	
3.5	0.5	3.0	
1.1	0.1	1.0	
2.1	0.1	2.0	
1.1	0.1	1.0	
2.1	0.1	2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
131.65	133.65	2.00	H740054	0.0003	0.001	2	11	0.001	0.250	5	1	22
133.65	135.65	2.00	H740055	0.0003	0.001	5	16	0.001	0.250	5	2	20
135.65	136.80	1.15	H740056	0.0209	0.018	172	204	0.003	0.250	15	47	374
136.80	138.00	1.20	H740057	0.1020	0.088	355	659	0.007	0.500	16	98	1220
138.00	139.00	1.00	H740058	0.1630	0.147	511	865	0.010	0.250	6	108	1490
139.00	140.00	1.00	H740059	0.2790	0.265	899	951	0.018	0.600	7	114	1535
140.00	141.00	1.00	H740061	0.4950	0.466	1380	1140	0.029	0.900	3	127	1760
141.00	142.00	1.00	H740062	0.3010	0.278	859	1030	0.019	0.700	3	118	1830
142.00	143.00	1.00	H740063	0.1400	0.125	448	952	0.009	0.250	6	116	1900
143.00	144.00	1.00	H740064	0.0613	0.053	189	855	0.004	0.250	3	114	1960
144.00	145.00	1.00	H740065	0.1020	0.089	367	914	0.007	0.250	3	115	2000
145.00	146.00	1.00	H740066	0.0462	0.038	204	911	0.004	0.250	6	114	2090
146.00	147.00	1.00	H740067	0.0315	0.024	145	875	0.004	0.250	10	115	2050
147.00	148.00	1.00	H740068	0.0352	0.026	170	875	0.003	0.250	14	113	2030
148.00	149.00	1.00	H740096	0.4210	0.393	1215	1300	0.027	1.100	3	128	1900
149.00	150.00	1.00	H740069	0.2150	0.197	619	1020	0.015	0.250	9	121	2060

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-89

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
End Date: 12/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

Lithology From m	To m	Code	Rock description
136.80	162.40	Mgm	Gabbro - Melanocratic
162.40	162.42	U	Hybrid Classic Red
162.42	163.23	Fg	Ultramafic - Undifferentiated
163.23	163.45	Fg	Granite - Undifferentiated
163.45	166.70	Fg	Granodiorite
166.70	167.10	Hg	Hybrid Grey
167.10	167.40	Hg	Granodiorite
167.40	167.60	Hg	Hybrid Grey
167.60	167.80	Hg	Hybrid Grey
167.80	168.90	Hg	Hybrid Grey
168.90	169.70	Hg	Hybrid Grey
169.70	171.25	Hg	Hybrid Classic Red
171.25	172.65	Hg	Hybrid Grey
172.65	182.70	Fg	Granite - Undifferentiated

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
2.1	0.1	2.0	
2.0		2.0	
5.0	0.5	2.0	3.0
3.5	1.0	3.0	
6.0		5.0	
2.9	0.9	2.0	
1.1	0.1	1.0	
3.9	0.9	3.0	
8.0	1.0	7.0	
18.5	3.0	15.0	
39.0	7.0	30.0	
52.0	7.0	40.0	
64.0	7.0	50.0	
85.0	15.0	60.0	
90.0	15.0	40.0	30.0
0.5			0.5
2.0			2.0
0.5			0.5
1.0			1.0
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H740071	0.2340	0.214	652	969	0.014	0.500	20	116	2020
151.00	152.00	1.00	H740072	0.0956	0.083	272	827	0.006	0.250	5	110	1820
152.00	153.00	1.00	H740073	0.0523	0.048	184	750	0.004	0.250	25	104	1710
153.00	154.00	1.00	H740074	0.6560	0.629	1870	1205	0.041	1.400	40	131	1810
154.00	155.00	1.00	H740075	0.4440	0.409	1390	1205	0.026	1.000	33	126	1700
155.00	156.00	1.00	H740076	0.1750	0.162	589	878	0.011	0.250	10	108	1650
156.00	157.25	1.25	H740077	0.2430	0.228	579	889	0.016	0.250	5	110	1700
157.25	158.25	1.00	H740078	1.3800	1.410	4090	2340	0.080	2.000	3	192	1650
158.25	159.25	1.00	H740079	2.4200	2.560	8230	5440	0.120	3.600	3	373	1390
159.25	160.00	0.75	H740081	5.7400	6.070	18700	9480	0.290	9.100	21	549	1180
160.00	161.00	1.00	H740082	9.5400	12.550	29500	14100	0.360	12.800	22	668	1105
161.00	162.00	1.00	H740083	9.3400	10.850	29200	15250	0.260	9.800	10	687	1055
162.00	162.42	0.42	H740084	10.8000	10.800	33100	16900	0.150	5.700	3	763	1090
162.42	163.23	0.81	H740085	22.1000	20.500	66000	31800	0.350	18.000	21	1200	23
163.23	163.75	0.52	H740086	0.0448	0.038	68	53	0.004	0.250	6	3	6
163.75	165.25	1.50	H740087	0.0205	0.014	32	21	0.002	0.250	6	1	7
165.25	166.70	1.45	H740088	0.0039	0.004	7	6	0.005	0.250	3	2	7
166.70	167.60	0.90	H740089	0.0038	0.004	34	23	0.003	0.600	22	35	15
167.60	169.00	1.40	H740091	0.0021	0.002	35	58	0.002	0.500	9	64	43
169.00	171.00	2.00	H740092	0.0025	0.002	42	41	0.001	0.700	7	55	39
171.00	172.65	1.65	H740093	0.0068	0.008	48	26	0.001	0.800	16	48	25
172.65	174.65	2.00	H740094	0.0041	0.003	6	5	0.001	0.250	3	1	12
174.65	176.65	2.00	H740095	0.0019	0.002	3	3	0.001	0.250	3	1	12

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-89

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
End Date: 12/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
172.65	182.70	Fg	Granite - Undifferentiated		0.5			0.5														
182.70	185.50	Spt	Siltstone																			
185.50	189.25	Fgd	Granodiorite																			
189.25	209.65	Fgd	Alkali feldspar granite																			
209.65	229.85	S	Sedimentary Rocks - Undifferentiated																			

Hole Number: BL09-89

Project: TBN
Claim #: 842186
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Drill Company: George Downing Estate Drilling
Start Date: 10/04/2009
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Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402520.70
Easting: 357828.07
Elevation: 507.51

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 231.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
209.65	229.85	S	Sedimentary Rocks - Undifferentiated		0.5			0.5
229.85	231.00	Fgg	Alkali feldspar granite					

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-90

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

From m	To m	Code	Rock description
0.00	1.25	Ovg	Overburden - Glacial
1.25	1.85	Fgg	Alkali feldspar granite
1.85	5.70	S	Sedimentary Rocks - Undifferentiated
5.70	7.35	Fgg	Alkali feldspar granite
7.35	9.00	S	Sedimentary Rocks - Undifferentiated
9.00	12.00	Fgg	Alkali feldspar granite
12.00	16.35	S	Sedimentary Rocks - Undifferentiated
16.35	17.35	Fgg	Alkali feldspar granite
17.35	19.20	S	Sedimentary Rocks - Undifferentiated
19.20	22.00	Fgg	Alkali feldspar granite
22.00	28.20	S	Sedimentary Rocks - Undifferentiated
28.20	30.45	Fgg	Alkali feldspar granite

Lithology

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-90

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

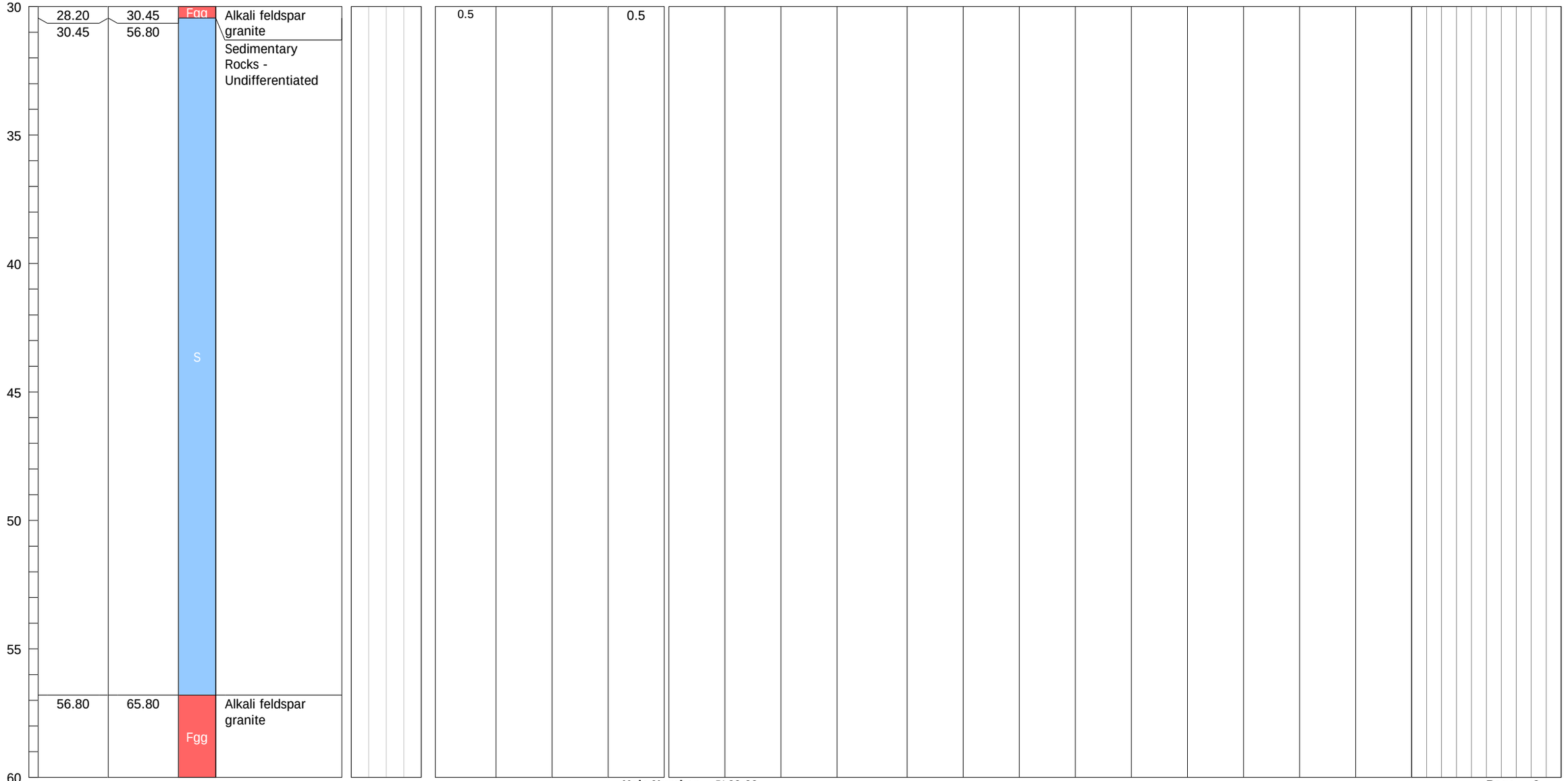
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
28.20	30.45	Fgg	Alkali feldspar granite
30.45	56.80	S	Sedimentary Rocks - Undifferentiated
56.80	65.80	Fgg	Alkali feldspar granite



Hole Number: BL09-90

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
56.80	65.80	Fgg	Alkali feldspar granite		0.5			0.5
65.80	100.70	S	Sedimentary Rocks - Undifferentiated					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-90

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

From m	To m	Code	Rock description
65.80	100.70	S	Sedimentary Rocks - Undifferentiated
100.70	103.00	Fgg	Alkali feldspar granite
103.00	118.05	S	Sedimentary Rocks - Undifferentiated
118.05	119.70	Fg	Granite - Undifferentiated
119.70	126.35	S	Sedimentary Rocks - Undifferentiated

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
65.80	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-90

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
119.70	126.35	S	Sedimentary Rocks - Undifferentiated
126.35	127.85	Fg	Granite - Undifferentiated
127.85	131.45	S	Sedimentary Rocks - Undifferentiated
131.45	133.75	Fg	Granite - Undifferentiated
133.75	133.90	Fg	Ultramafic - Undifferentiated
133.90	134.55	Hg	Granite - Undifferentiated
134.55	134.90	Hg	Hybrid Classic Red
134.90	136.40	Hg	Hybrid Grey
136.40	157.20	Mgm	Gabbro - Melanocratic

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
0.5		0.5	
1.0		1.0	
3.1	0.1	3.0	
4.1	0.1	3.0	1.0
3.1	0.1	3.0	
3.1	0.1	2.0	1.0
4.1	0.1	2.0	2.0
3.1	0.1	2.0	1.0
1.0		1.0	
2.2	0.1	2.0	0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
129.80	131.80	2.00	H740097	0.0010	0.001	35	80	0.001	0.250	8	20	104
131.80	133.80	2.00	H740098	0.0003	0.001	8	8	0.001	0.250	3	1	21
133.80	134.55	0.75	H740099	0.0015	0.001	22	20	0.002	0.250	10	4	34
134.55	135.00	0.45	H740101	0.0439	0.042	149	61	0.003	0.250	3	17	97
135.00	136.40	1.40	H740102	0.0182	0.014	174	143	0.003	0.600	13	50	423
136.40	138.00	1.60	H740103	0.1460	0.150	494	718	0.009	0.600	7	98	1100
138.00	139.00	1.00	H740104	0.1680	0.165	515	814	0.010	0.700	3	103	1500
139.00	140.00	1.00	H740105	0.1570	0.155	528	914	0.009	0.900	3	109	1620
140.00	141.00	1.00	H740106	0.3520	0.351	905	1030	0.020	0.800	12	112	1640
141.00	142.00	1.00	H740107	0.5760	0.605	1870	1430	0.030	1.500	28	132	1650
142.00	143.00	1.00	H740108	0.4580	0.460	1210	988	0.020	1.000	68	105	1400
143.00	144.00	1.00	H740109	0.8220	0.821	2430	1390	0.041	1.800	29	141	1610
144.00	145.00	1.00	H740111	0.5410	0.550	1645	1240	0.029	1.300	39	126	1610
145.00	146.00	1.00	H740112	0.4310	0.419	1170	1020	0.025	0.800	54	118	1520
146.00	147.00	1.00	H740113	0.2700	0.267	746	874	0.014	0.600	44	106	1490
147.00	148.00	1.00	H740114	0.8120	0.808	2030	1310	0.033	1.900	75	123	1400
148.00	149.00	1.00	H740115	0.3880	0.385	863	880	0.023	0.700	20	105	1480
149.00	150.00	1.00	H740116	0.7300	0.731	2020	1260	0.041	1.200	26	116	1440

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-90

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
136.40	157.20	Mgm	Gabbro - Melanocratic
157.20	160.69	S	Sedimentary Rocks - Undifferentiated
160.69	160.72	Hg	Hybrid Grey
160.72	165.45	S	Sedimentary Rocks - Undifferentiated
165.45	168.40	Hg	Hybrid Grey
168.40	182.25	S	Sedimentary Rocks - Undifferentiated

Magsus 0 100 200

From m	To m	Sulphide %	Cpy %	Po %	Py %
136.40	157.20	3.2	0.1	3.0	0.1
		1.0		1.0	
		2.1	0.1	2.0	
157.20	160.69	13.1	3.1	9.0	1.0
		3.1	0.1	1.0	2.0
		1.0			1.0
		2.0	1.0		1.0
		0.5			0.5
160.69	160.72				
160.72	165.45				
165.45	168.40	2.0			2.0
168.40	182.25	0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H740117	0.8070	0.839	2460	1460	0.039	1.900	34	136	1410
151.00	152.00	1.00	H740118	1.6400	1.620	5010	2310	0.090	2.700	40	183	1310
152.00	153.00	1.00	H740119	1.3400	1.300	3380	1810	0.090	2.100	17	141	1670
153.00	154.00	1.00	H740121	0.6570	0.627	1670	1140	0.040	1.500	12	105	1760
154.00	155.00	1.00	H740122	1.5000	1.420	3830	1440	0.110	3.300	7	114	1660
155.00	156.00	1.00	H740123	1.7500	1.530	3910	1100	0.140	2.500	14	90	1570
156.00	156.90	0.90	H740124	0.3190	0.288	711	631	0.022	0.800	18	76	1270
156.90	157.20	0.30	H740125	3.5000	3.760	8590	4750	0.060	10.500	47	251	239
157.20	158.50	1.30	H740126	0.1130	0.106	360	133	0.006	0.500	15	26	106
158.50	159.30	0.80	H740127	0.5010	0.575	895	91	0.008	0.250	6	17	41
159.30	161.30	2.00	H740128	0.0028	0.002	14	42	0.002	0.250	5	23	57
161.30	163.30	2.00	H740129	0.0025	0.002	5	31	0.001	0.250	7	10	44
163.30	165.45	2.15	H740131	0.0014	0.001	30	49	0.002	0.250	7	15	80
165.45	167.00	1.55	H740132	0.0008	0.001	33	16	0.002	0.800	8	43	9
167.00	168.40	1.40	H740133	0.0008	0.001	44	18	0.003	1.100	7	42	10
168.40	170.40	2.00	H740134	0.0013	0.001	11	34	0.001	0.250	5	13	56
170.40	172.40	2.00	H740135	0.0016	0.001	12	36	0.001	0.250	3	15	64

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-90

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

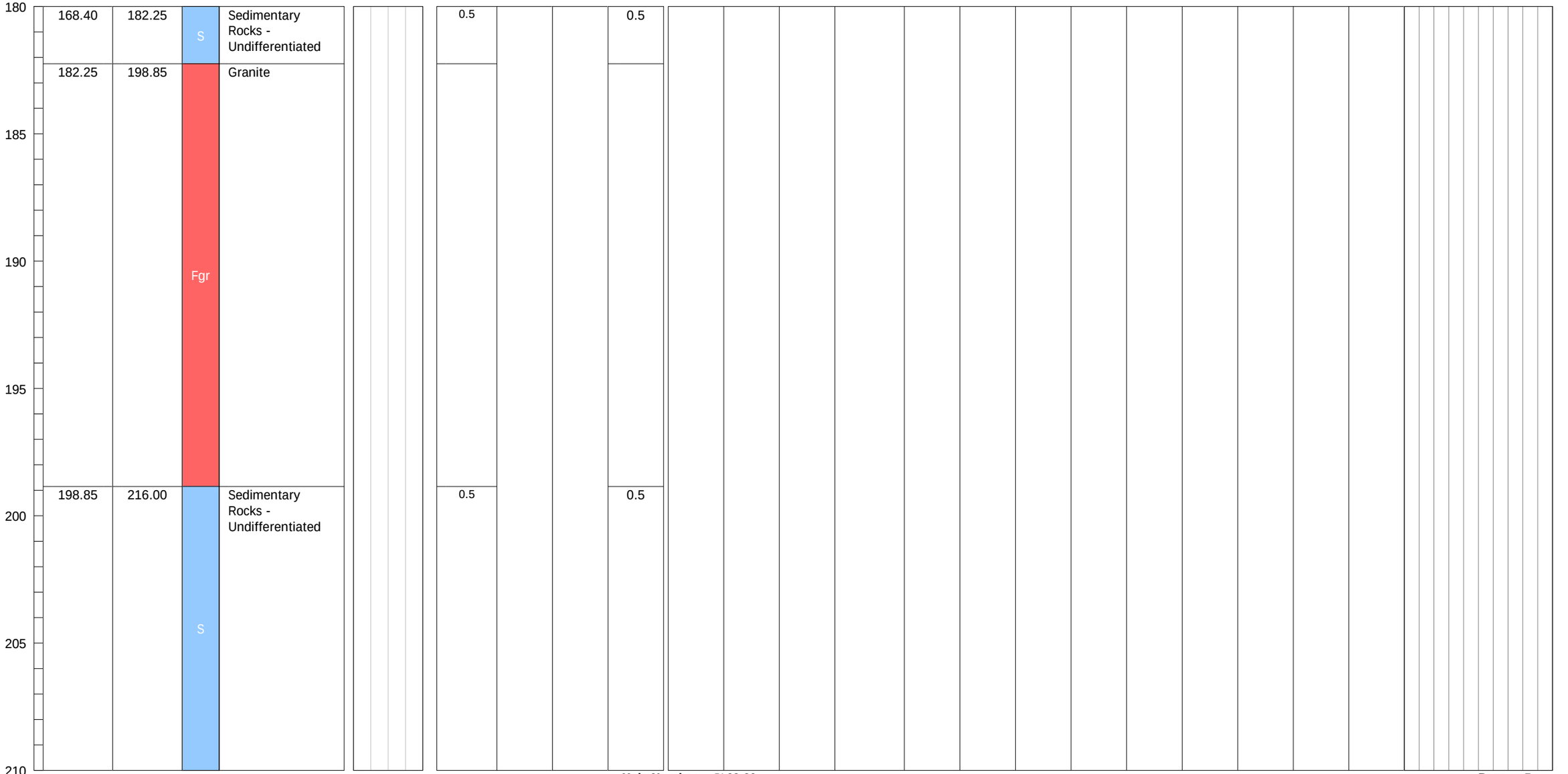
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
168.40	182.25	S	Sedimentary Rocks - Undifferentiated
182.25	198.85	Fgr	Granite
198.85	216.00	S	Sedimentary Rocks - Undifferentiated



Hole Number: BL09-90

Project: TBN
Claim #: 842186
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Drill Company: George Downing Estate Drilling
Start Date: 13/04/2009
End Date: 14/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402473.85
Easting: 357800.73
Elevation: 508.36

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 216.00

Lithology From m	To m	Code	Rock description
198.85	216.00	S	Sedimentary Rocks - Undifferentiated

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-91

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 15/04/2009
End Date: 17/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402429.68
Easting: 357778.77
Elevation: 507.14

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
0.00	2.25	Ovg	Overburden - Glacial																			
2.25	27.20	Spt	Siltstone		0.5			0.5														
27.20	32.25	Fgg	Alkali feldspar granite																			

Hole Number: BL09-91

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 15/04/2009
End Date: 17/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402429.68
Easting: 357778.77
Elevation: 507.14

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
27.20	32.25	Fgg	Alkali feldspar granite		0.5			0.5														
32.25	34.00	Spt	Siltstone																			
34.00	38.80	Fgg	Alkali feldspar granite																			
38.80	43.80	Spt	Siltstone																			
43.80	53.00	Fgg	Alkali feldspar granite																			
53.00	111.90	Spt	Siltstone																			

Hole Number: BL09-91

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 15/04/2009
End Date: 17/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402429.68
Easting: 357778.77
Elevation: 507.14

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 207.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
53.00	111.90	Spt	Siltstone		0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

60
65
70
75
80
85
90

Hole Number: BL09-91

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 15/04/2009
End Date: 17/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402429.68
Easting: 357778.77
Elevation: 507.14

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 207.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
53.00	111.90	Spt	Siltstone		0.5			0.5														
111.90	117.75	Fgg	Alkali feldspar granite																			
117.75	130.85	Spt	Siltstone																			

90 95 100 105 110 115 120

Hole Number: BL09-91

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 15/04/2009
End Date: 17/04/2009

Magma Metals (Canada) Ltd.

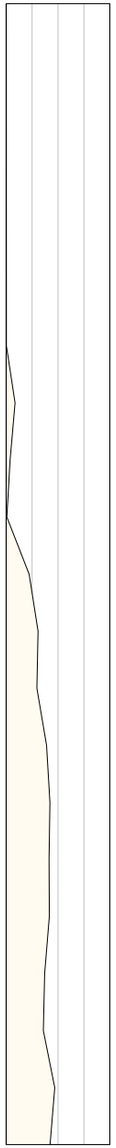
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402429.68
Easting: 357778.77
Elevation: 507.14

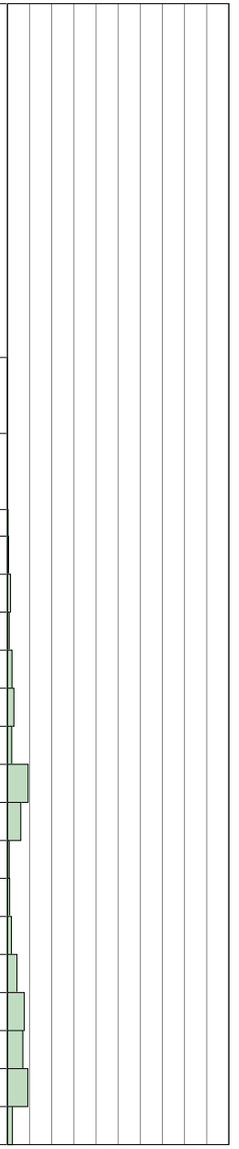
Azimuth: 357.8°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
117.75	130.85	Spt	Siltstone
130.85	133.30		Sedimentary Rocks - Undifferentiated
133.30	133.70	Hg	Hybrid Grey
133.70	156.15	Mgm	Gabbro - Melanocratic



Sulphide %	Cpy %	Po %	Py %
0.5			0.5
2.0			2.0
1.0			1.0
2.5	0.5	2.0	
3.5	0.5	2.0	1.0
1.1	0.1	1.0	
2.1	0.1	2.0	
3.1	0.1	3.0	
1.0		1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
129.30	131.30	2.00	H740136	0.0025	0.002	6	76	0.001	0.250	6	21	138
131.30	133.30	2.00	H740137	0.0025	0.002	26	68	0.001	0.250	10	21	115
133.30	134.00	0.70	H740138	0.0170	0.012	122	162	0.001	0.250	11	45	235
134.00	135.00	1.00	H740139	0.0315	0.023	171	566	0.003	0.250	57	87	909
135.00	136.00	1.00	H740141	0.0781	0.064	304	672	0.006	0.250	49	94	1250
136.00	137.00	1.00	H740142	0.0451	0.033	185	744	0.003	0.250	28	100	1290
137.00	138.00	1.00	H740143	0.1070	0.095	383	817	0.007	0.250	6	101	1475
138.00	139.00	1.00	H740144	0.1550	0.136	460	863	0.009	0.250	11	104	1505
139.00	140.00	1.00	H740145	0.1040	0.091	340	807	0.007	0.250	8	101	1540
140.00	141.00	1.00	H740146	0.4900	0.445	1410	1210	0.027	0.500	5	121	1635
141.00	142.00	1.00	H740147	0.3190	0.283	971	990	0.020	0.500	3	117	1470
142.00	143.00	1.00	H740148	0.0412	0.036	147	650	0.003	0.250	3	88	1320
143.00	144.00	1.00	H740149	0.0563	0.042	274	821	0.004	0.250	5	119	1460
144.00	145.00	1.00	H740151	0.0992	0.079	446	859	0.007	0.250	3	112	1550
145.00	146.00	1.00	H740152	0.2270	0.205	635	974	0.013	0.250	3	114	1550
146.00	147.00	1.00	H740153	0.4070	0.354	1090	1175	0.025	0.250	3	128	1695
147.00	148.00	1.00	H740154	0.3690	0.327	923	1055	0.023	0.250	8	114	1585
148.00	149.00	1.00	H740155	0.4910	0.429	1270	1165	0.030	0.700	39	120	1535
149.00	150.00	1.00	H740156	0.1250	0.102	375	829	0.009	0.250	16	102	1570



Hole Number: BL09-91

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 15/04/2009
End Date: 17/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402429.68
Easting: 357778.77
Elevation: 507.14

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
133.70	156.15	Mgm	Gabbro - Melanocratic
156.15	157.05	S	Sedimentary Rocks - Undifferentiated
157.05	158.00	Hg	Hybrid Grey
158.00	159.95	S	Sedimentary Rocks - Undifferentiated
159.95	160.45	Hg	Hybrid Grey
160.45	161.00	Fg	Granite - Undifferentiated
161.00	167.70	S	Sedimentary Rocks - Undifferentiated
167.70	175.40	Fgg	Alkali feldspar granite
175.40	185.25	Spt	Siltstone

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.00	1.00	H740157	0.0863	0.072	302	822	0.012	0.250	3	101	1605
151.00	152.00	1.00	H740158	0.0681	0.059	263	779	0.008	0.250	5	97	1575
152.00	153.00	1.00	H740159	0.0737	0.061	264	767	0.006	0.250	3	99	1540
153.00	154.00	1.00	H740161	0.6740	0.599	1660	1005	0.051	0.900	8	106	1350
154.00	155.00	1.00	H740162	0.8070	0.753	2020	1055	0.061	1.900	18	100	1305
155.00	156.15	1.15	H740163	3.4200	3.450	8540	4300	0.180	4.300	31	264	846
156.15	157.05	0.90	H740164	0.1700	0.140	367	136	0.015	0.250	7	25	130
157.05	158.00	0.95	H740165	1.1000	0.960	2090	236	0.080	1.500	7	45	12
158.00	159.95	1.95	H740166	0.0063	0.005	47	60	0.003	0.250	5	17	107
159.95	161.00	1.05	H740167	0.0159	0.013	67	22	0.002	0.250	6	22	24
161.00	163.00	2.00	H740168	0.0029	0.002	21	55	0.001	0.250	3	15	104

From m	To m	Magsus	Sulphide %	Cpy %	Po %	Py %
133.70	156.15	0 100 200	1.0		1.0	
			2.1	0.1	2.0	
			1.1	0.1	1.0	
			5.9	0.9	2.0	3.0
			3.5	0.5	2.0	1.0
			0.9			0.9
			0.5			0.5

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-91

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 15/04/2009
End Date: 17/04/2009

Magma Metals (Canada) Ltd.

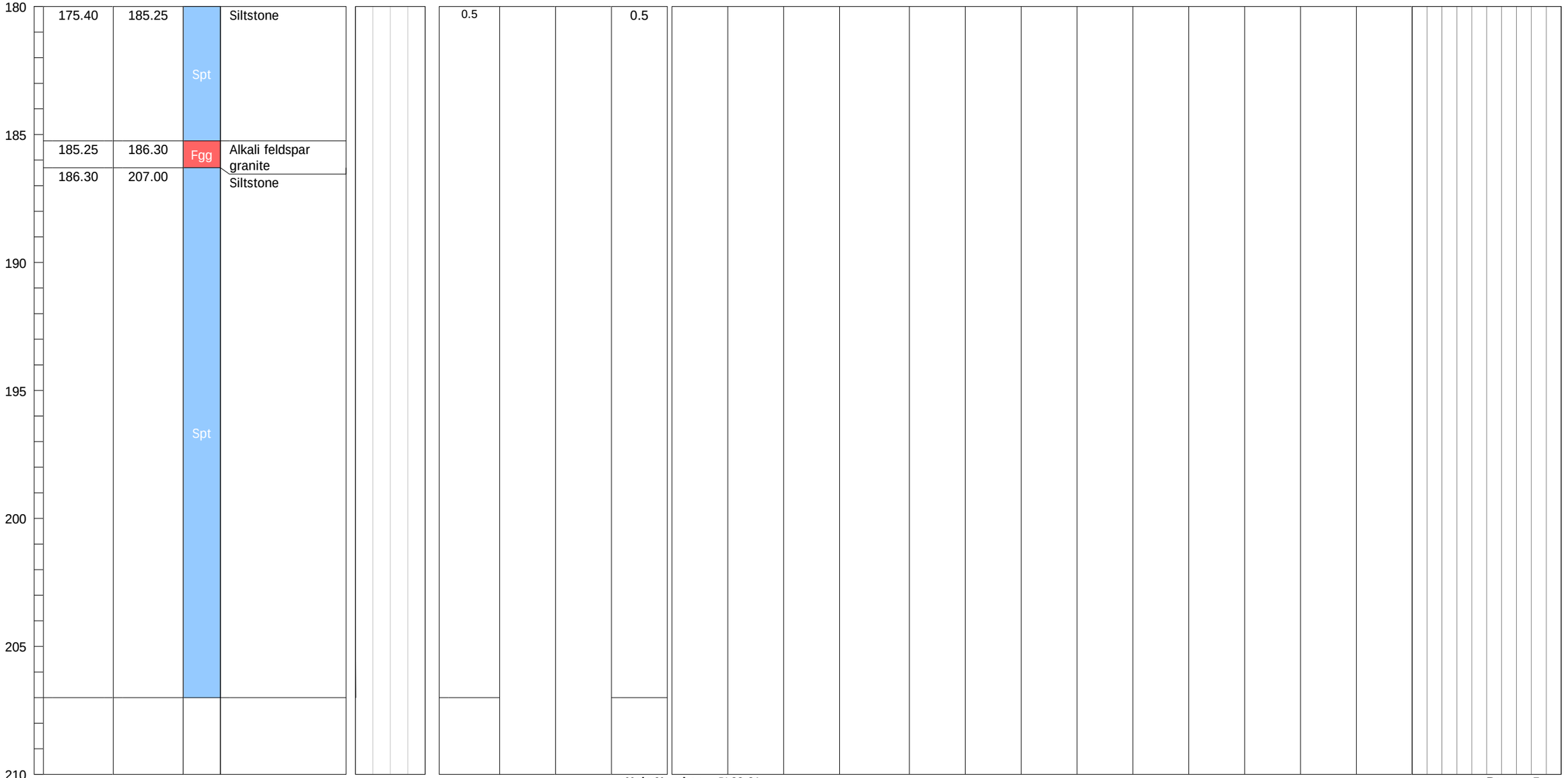
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402429.68
Easting: 357778.77
Elevation: 507.14

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 207.00

From m	To m	Code	Rock description
175.40	185.25	Spt	Siltstone
185.25	186.30	Fgg	Alkali feldspar granite
186.30	207.00	Spt	Siltstone



Hole Number: BL09-92

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 17/04/2009
End Date: 19/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402609.26
Easting: 357759.58
Elevation: 496.53

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
0.00	4.10	Ovg	Overburden - Glacial
4.10	11.80	Spt	Siltstone
11.80	21.00	Fg	Granite - Undifferentiated
21.00	44.50	Fg	Granodiorite

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

0 5 10 15 20 25 30

Hole Number: BL09-92

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 17/04/2009
End Date: 19/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402609.26
Easting: 357759.58
Elevation: 496.53

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
21.00	44.50		Granodiorite																			
44.50	57.00	Fg	Granite																			
57.00	118.50		Granodiorite																			

Hole Number: BL09-92

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 17/04/2009
End Date: 19/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402609.26
Easting: 357759.58
Elevation: 496.53

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	Interval Sample				Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	From m	To m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
57.00	118.50	Fg	Granodiorite																			

Hole Number: BL09-92

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 17/04/2009
End Date: 19/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402609.26
Easting: 357759.58
Elevation: 496.53

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
57.00	118.50	Fg	Granodiorite																			
118.50	147.95		Granodiorite																			

Hole Number: BL09-92

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 17/04/2009
End Date: 19/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402609.26
Easting: 357759.58
Elevation: 496.53

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %
118.50	147.95	Fg	Granodiorite					
147.95	148.90	Hg	Hybrid Grey		3.0			3.0
148.90	150.45	Hr	Hybrid Classic Red		5.0			5.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
143.95	145.95	2.00	H740169	0.0039	0.003	6	3	0.001	0.250	6	2	12	
145.95	147.95	2.00	H740171	0.0017	0.001	4	2	0.001	0.250	5	2	8	
147.95	149.90	1.95	H740172	0.0016	0.001	25	9	0.001	0.250	8	37	4	
149.90	151.90	2.00	H740173	0.0011	0.001	30	54	0.001	0.250	10	63	52	

Hole Number: BL09-92

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 17/04/2009
End Date: 19/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402609.26
Easting: 357759.58
Elevation: 496.53

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
148.90	150.45	Hr	Hybrid Classic Red
150.45	153.30	Hr	Hybrid Classic Red
153.30	154.40	Hg	Hybrid Grey
154.40	161.40	Fgd	Granodiorite
161.40	167.45	S	Sedimentary Rocks - Undifferentiated
167.45	204.00	Fgd	Granodiorite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
5.0			5.0
2.0			2.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
149.90	151.90	2.00	H740173	0.0011	0.001	30	54	0.001	0.250	10	63	52
151.90	153.20	1.30	H740174	0.0010	0.001	45	40	0.001	0.250	14	61	33
153.20	154.40	1.20	H740175	0.0042	0.002	37	17	0.001	0.250	6	40	9
154.40	156.40	2.00	H740176	0.0003	0.001	1	2	0.001	0.250	3	2	8
156.40	158.40	2.00	H740177	0.0005	0.001	1	2	0.001	0.250	3	2	10

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-92

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 17/04/2009
End Date: 19/04/2009

Magma Metals (Canada) Ltd.

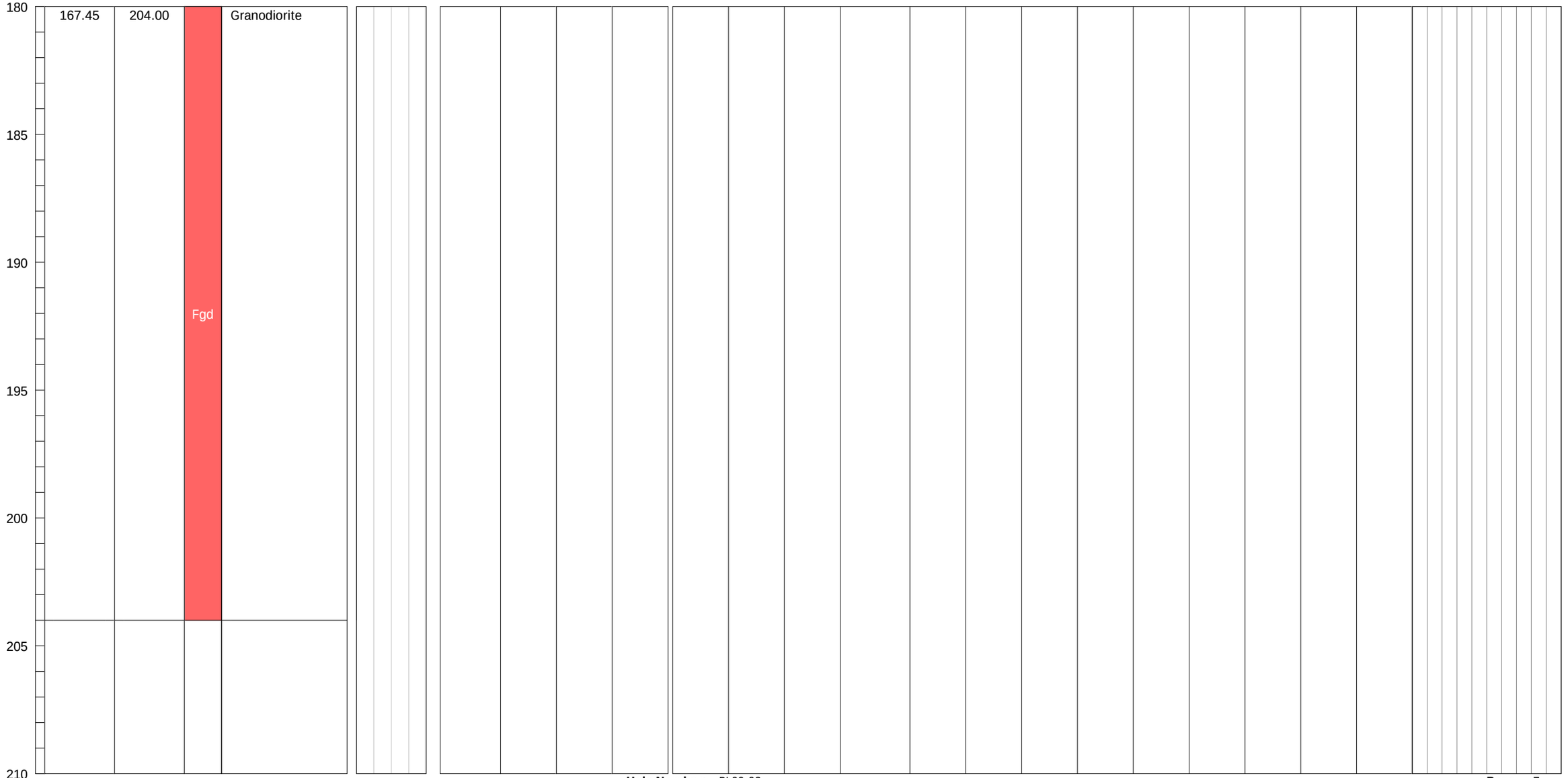
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402609.26
Easting: 357759.58
Elevation: 496.53

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
167.45	204.00	Fgd	Granodiorite																			



Hole Number: BL09-93

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 20/04/2009
End Date: 21/04/2009

Magma Metals (Canada) Ltd.

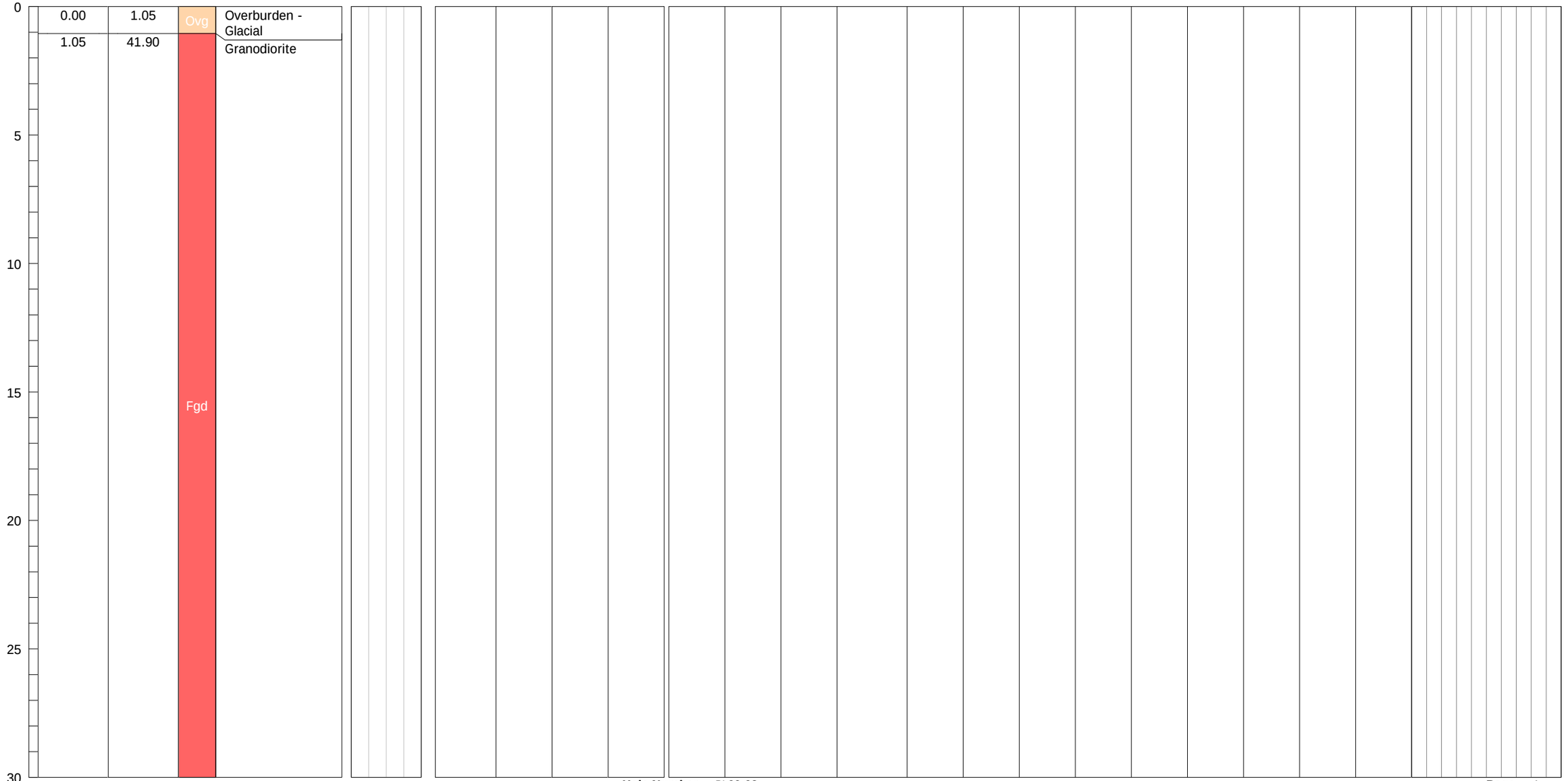
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402561.73
Easting: 357743.41
Elevation: 500.66

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
0.00	1.05	Ovg	Overburden - Glacial
1.05	41.90	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-93

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 20/04/2009
End Date: 21/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402561.73
Easting: 357743.41
Elevation: 500.66

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
1.05	41.90	Fgd	Granodiorite
41.90	52.50		Granodiorite
52.50	71.50		Granodiorite

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-93

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 20/04/2009
End Date: 21/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402561.73
Easting: 357743.41
Elevation: 500.66

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
52.50	71.50	Fgd	Granodiorite
71.50	92.80	Fgd	Granite - Undifferentiated

Lithology

Magsus 0 100 200

Sulphide Cpy % Po % Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-93

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 20/04/2009
End Date: 21/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402561.73
Easting: 357743.41
Elevation: 500.66

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
71.50	92.80	Fgd	Granite - Undifferentiated
92.80	93.40	Fgd	Granite - Undifferentiated
93.40	98.25	Fgd	Granite - Undifferentiated
98.25	98.70	Zib	Mixed Intrusion
98.70	101.45	Hr	Breccia / Hybrid Classic Red
101.45	101.85	Hg	Hybrid Grey
101.85	103.00	U	Ultramafic - Undifferentiated
103.00	103.30	Hg	Hybrid Grey
103.30	103.70	U	Ultramafic - Undifferentiated
103.70	104.45	Hg	Hybrid Grey
104.45	150.60	Mgm	Gabbro - Melanocratic

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Sulphide %	Cpy %	Po %	Py %
94.25	96.25	2.00	H740178	0.0003	0.001	11	5	0.002	0.250	3	2	20				
96.25	98.25	2.00	H740179	0.0008	0.001	11	5	0.001	0.250	3	3	18				
98.25	100.00	1.75	H740181	0.0881	0.083	94	73	0.005	0.500	9	31	65	5.0			5.0
100.00	101.45	1.45	H740182	0.0045	0.004	60	29	0.002	0.250	3	32	41				
101.45	101.85	0.40	H740183	0.0154	0.007	306	96	0.004	0.250	5	44	216	2.0		0.1	2.0
101.85	103.00	1.15	H740184	0.0143	0.008	181	120	0.005	0.250	7	49	268	0.2			0.1
103.00	104.45	1.45	H740185	0.0211	0.015	149	177	0.003	0.250	3	53	493	3.1		0.1	3.0
													0.5		0.5	
104.45	105.15	0.70	H740186	0.1400	0.145	490	641	0.011	0.250	22	94	1000	1.5		0.5	1.0
105.15	106.00	0.85	H740187	0.4030	0.401	1055	1035	0.025	1.300	97	110	1310	1.0		0.5	0.5
106.00	107.00	1.00	H740188	0.4320	0.439	1255	1185	0.030	0.250	57	124	1670	2.0		2.0	
107.00	108.00	1.00	H740189	0.4420	0.422	1050	1045	0.027	1.200	36	103	1500	5.0		5.0	
108.00	109.00	1.00	H740191	0.5740	0.563	1545	1310	0.034	1.000	10	129	1930	1.0		1.0	
109.00	110.00	1.00	H740192	0.4910	0.493	1160	1135	0.031	0.500	32	123	1960	2.0		2.0	
110.00	111.00	1.00	H740193	0.7340	0.734	1975	1370	0.048	1.200	9	132	1920	3.0		3.0	
111.00	112.00	1.00	H740194	0.8360	0.866	2250	1555	0.051	1.300	23	144	1940	1.0		1.0	
112.00	113.00	1.00	H740195	0.3570	0.346	919	1145	0.032	0.500	8	126	2030				
113.00	114.00	1.00	H740196	0.4500	0.454	1085	1205	0.043	0.700	3	125	1980				
114.00	115.00	1.00	H740197	0.4440	0.452	1085	1200	0.013	0.700	8	129	2110				
115.00	116.00	1.00	H740198	0.2760	0.277	696	1085	0.022	0.250	3	119	2110				
116.00	117.00	1.00	H740199	0.9510	0.975	2640	1585	0.055	1.500	3	152	2200	2.0		1.0	1.0
117.00	118.00	1.00	H740201	0.9260	0.924	2340	1580	0.059	0.900	3	146	2330	3.0		1.0	2.0
													1.1		1.0	0.1
118.00	119.00	1.00	H740202	1.1000	1.060	2830	1760	0.070	1.100	52	151	2210	3.0		1.0	2.0
													3.1		3.0	0.1
119.00	120.00	1.00	H740203	1.1600	1.120	3010	1920	0.070	1.500	25	158	2350	1.0			1.0
													3.1	0.1	3.0	

Hole Number: BL09-93

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 20/04/2009
End Date: 21/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402561.73
Easting: 357743.41
Elevation: 500.66

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
104.45	150.60	Mgm	Gabbro - Melanocratic

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.00	121.00	1.00	H740204	1.0100	0.950	2470	1730	0.070	1.000	3	141	2460
121.00	122.00	1.00	H740205	1.4100	1.360	3600	2090	0.090	1.600	3	154	2410
122.00	123.00	1.00	H740206	1.4100	1.270	2760	1820	0.090	1.500	3	140	2700
123.00	124.00	1.00	H740207	1.0500	0.960	2130	1835	0.060	0.700	5	137	2860
124.00	125.00	1.00	H740208	0.2980	0.263	623	1135	0.020	0.250	3	108	2940
125.00	126.00	1.00	H740209	0.6990	0.626	1315	1355	0.044	0.250	3	110	2660
126.00	127.00	1.00	H740211	1.2000	1.110	2380	1640	0.080	1.000	7	131	2220
127.00	128.00	1.00	H740212	1.3400	1.200	2660	1555	0.090	1.400	9	119	1690
128.00	129.15	1.15	H740213	0.8390	0.751	1565	1060	0.054	0.500	3	98	1510
129.15	130.00	0.85	H740214	0.5430	0.455	1195	1325	0.033	0.250	3	123	2420
130.00	131.00	1.00	H740215	0.2940	0.276	738	1145	0.018	0.250	3	111	2370
131.00	132.00	1.00	H740216	0.3500	0.311	753	1180	0.022	0.250	3	114	2680
132.00	133.00	1.00	H740217	0.4160	0.367	907	1325	0.025	0.250	5	123	2730
133.00	134.00	1.00	H740218	0.5240	0.480	1185	1440	0.031	0.250	19	126	2640
134.00	135.00	1.00	H740219	0.1980	0.172	724	1340	0.018	0.250	3	125	2770
135.00	136.00	1.00	H740221	0.5730	0.514	1460	1665	0.036	0.500	5	136	2890
136.00	137.00	1.00	H740222	0.8260	0.760	2100	1980	0.050	0.700	6	161	3080
137.00	138.00	1.00	H740223	0.7140	0.668	1925	1875	0.047	0.600	3	158	2980
138.00	139.00	1.00	H740224	0.3510	0.330	996	1500	0.022	0.250	13	141	2780
139.00	140.00	1.00	H740225	0.2810	0.271	870	1430	0.021	0.250	3	139	3070
140.00	141.00	1.00	H740226	0.4160	0.383	1180	1575	0.028	1.000	11	142	3250
141.00	142.00	1.00	H740227	0.4130	0.381	1200	1595	0.030	0.250	8	141	3260
142.00	143.00	1.00	H740228	0.4590	0.409	1305	1610	0.031	0.500	9	137	2610
143.00	144.00	1.00	H740229	0.2000	0.202	680	1430	0.016	0.250	3	134	2690
144.00	145.00	1.00	H740231	0.2330	0.222	711	1370	0.017	0.250	3	134	2730
145.00	146.00	1.00	H740232	0.1190	0.113	404	1200	0.009	0.250	3	126	3060
146.00	147.00	1.00	H740233	0.3490	0.318	1020	1350	0.025	0.250	3	127	2650
147.00	148.00	1.00	H740234	0.0895	0.079	323	1050	0.008	0.250	3	111	2520
148.00	149.00	1.00	H740235	0.5640	0.513	1745	1530	0.038	0.250	5	142	2090
149.00	150.00	1.00	H740236	0.6430	0.586	2330	1605	0.045	0.900	8	154	1340

Hole Number: BL09-93

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 20/04/2009
End Date: 21/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402561.73
Easting: 357743.41
Elevation: 500.66

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
104.45	150.60	Mgm	Gabbro - Melanocratic
150.60	151.65	Zib	Mixed Intrusion Breccia
151.65	153.10	Hg	Hybrid Grey
153.10	153.45	Fg	Granite - Undifferentiated
153.45	153.55	Hg	Hybrid Grey
153.55	156.30	Fg	Granite - Undifferentiated
156.30	158.10	Fg	Granite - Undifferentiated
158.10	162.00	Fg	Granite - Undifferentiated
162.00	196.00	Fg	Granodiorite

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	150.60	0.60	H740237	0.0859	0.081	652	929	0.011	0.250	3	124	1630
150.60	151.65	1.05	H740238	0.0039	0.003	63	41	0.002	0.250	8	11	61
151.65	153.10	1.45	H740239	0.0009	0.001	39	20	0.001	0.250	15	39	7
153.10	154.00	0.90	H740241	0.0022	0.002	11	4	0.002	0.250	3	6	10
154.00	156.00	2.00	H740242	0.0010	0.001	3	2	0.001	0.250	3	2	7
156.00	158.00	2.00	H740243	0.0006	0.001	1	2	0.001	0.250	3	1	8

Hole Number: BL09-93

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 20/04/2009
End Date: 21/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402561.73
Easting: 357743.41
Elevation: 500.66

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
162.00	196.00	Fg	Granodiorite
196.00	200.00		Granite - Undifferentiated
200.00	201.00		Granodiorite

Magsus 0 100 200 | Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

180 185 190 195 200 205 210

Hole Number: BL09-94

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 22/04/2009
End Date: 24/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402477.81
Easting: 357690.54
Elevation: 506.48

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

From m	To m	Code	Rock description
0.00	0.85	Ovg	Overburden - Glacial
0.85	10.00	Ss	Schist
10.00	14.75	Fgr	Granite
14.75	26.40	Ss	Schist
26.40	30.70	Fgr	Granite

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-94

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 22/04/2009
End Date: 24/04/2009

Magma Metals (Canada) Ltd.

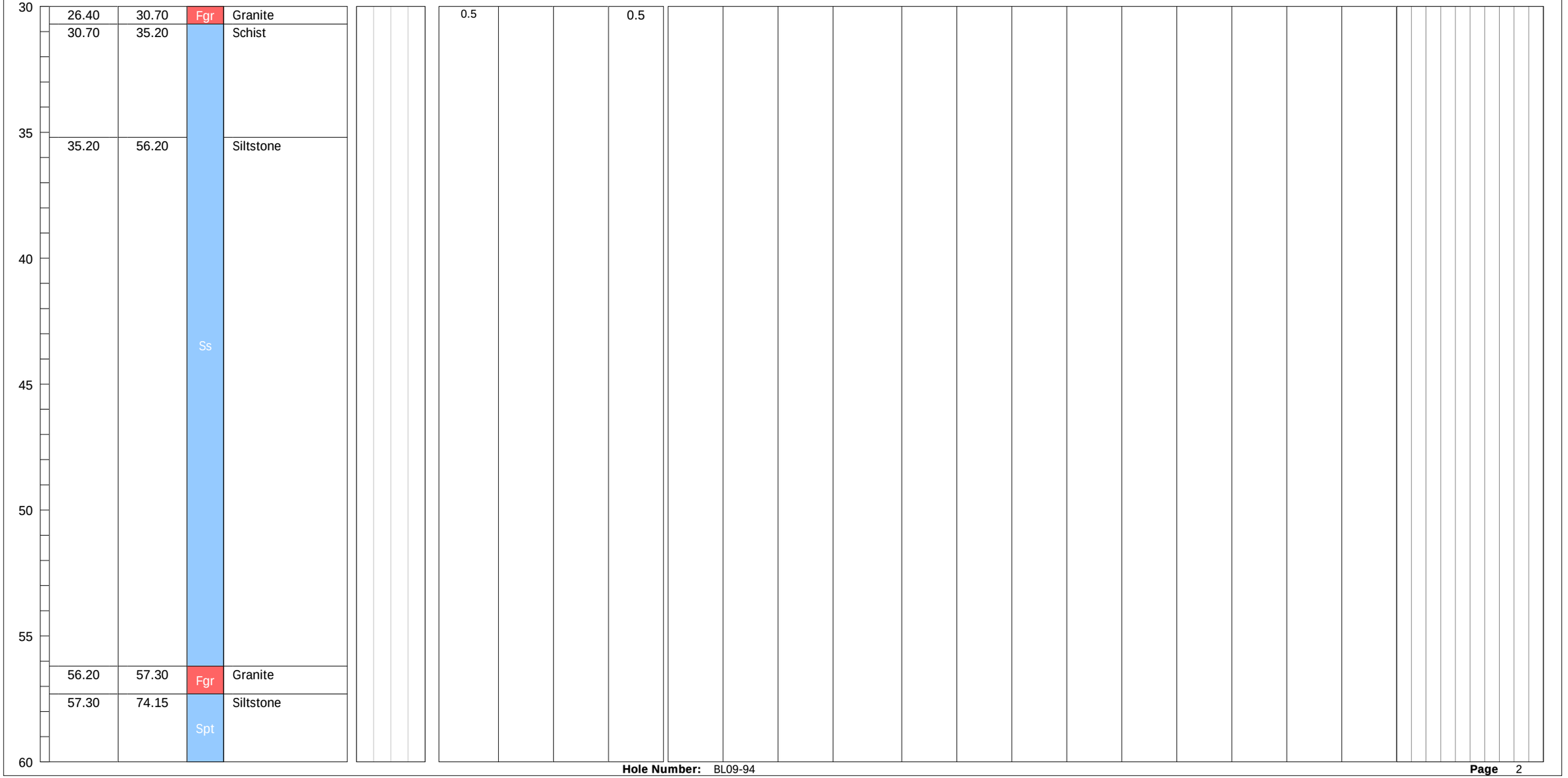
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402477.81
Easting: 357690.54
Elevation: 506.48

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

From m	To m	Code	Rock description
26.40	30.70	Fgr	Granite
30.70	35.20	Ss	Schist
35.20	56.20	Ss	Siltstone
56.20	57.30	Fgr	Granite
57.30	74.15	Spt	Siltstone



Hole Number: BL09-94

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 22/04/2009
End Date: 24/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402477.81
Easting: 357690.54
Elevation: 506.48

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
57.30	74.15	Spt	Siltstone
74.15	75.85	Fgr	Granite
75.85	94.50	Spt	Siltstone

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

60 65 70 75 80 85 90

Hole Number: BL09-94

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 22/04/2009
End Date: 24/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402477.81
Easting: 357690.54
Elevation: 506.48

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
75.85	94.50	Spt	Siltstone		0.5			0.5														
94.50	95.55	Fgr	Granite																			
95.55	98.35	Spt	Siltstone																			
98.35	100.00	Fgr	Granite																			
100.00	103.85	Spt	Siltstone																			
103.85	105.30	Fgr	Granite																			
105.30	140.85	Spt	Siltstone																			

90 95 100 105 110 115 120

Hole Number: BL09-94

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 22/04/2009
End Date: 24/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402477.81
Easting: 357690.54
Elevation: 506.48

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

From m	To m	Code	Rock description
105.30	140.85	Spt	Siltstone
140.85	141.25	Hg	Hybrid Grey
141.25	142.25	Spt	Siltstone
142.25	146.45	Fgr	Granite
146.45	148.30	Hr	Hybrid Classic Red
148.30	151.85	Hg	Hybrid Grey

From m	Sulphide %	Cpy %	Po %	Py %
105.30	0.5			0.5
146.45	3.0			3.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
140.85	142.25	1.40	H740244	0.0014	0.001	21	49	0.001	0.250	3	24	112
142.25	144.45	2.20	H740245	0.0003	0.001	5	1	0.001	0.250	3	1	16
144.45	146.45	2.00	H740246	0.0003	0.001	5	3	0.001	0.250	3	1	22
146.45	148.20	1.75	H740247	0.0003	0.001	12	11	0.002	0.250	5	37	9
148.20	150.00	1.80	H740248	0.0003	0.001	168	31	0.001	0.600	13	74	22

Hole Number: BL09-94

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 22/04/2009
End Date: 24/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402477.81
Easting: 357690.54
Elevation: 506.48

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Lithology From m	To m	Code	Rock description
148.30	151.85	Hg	Hybrid Grey
151.85	152.50	Fg	Granite - Undifferentiated
152.50	157.45	Spt	Siltstone
157.45	158.75	Fgr	Granite
158.75	167.25	Ss	Schist
167.25	169.45	Fgr	Granite
169.45	179.50	Ss	Schist
179.50	204.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
3.0			3.0
0.5			0.5

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.85	1.85	H740249	0.0003	0.001	33	43	0.001	0.250	3	56	43
151.85	152.50	0.65	H740251	0.0003	0.001	8	5	0.001	0.250	3	3	20
152.50	154.50	2.00	H740252	0.0014	0.001	47	63	0.001	0.250	3	21	137

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-94

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 22/04/2009
End Date: 24/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402477.81
Easting: 357690.54
Elevation: 506.48

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 204.00

Hole Number: BL09-95

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 24/04/2009
End Date: 26/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402619.96
Easting: 357653.42
Elevation: 491.84

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 195.00

From m	To m	Code	Rock description
0.00	1.50	Ovg	Overburden - Glacial
1.50	11.40	Fgd	Granodiorite
11.40	13.20	Fgd	Granodiorite
13.20	22.90	Fgd	Granodiorite
22.90	28.60	Spt	Siltstone
28.60	33.55	Fgd	Granodiorite

Magsus: 0 100 200

From m	Sulphide %	Cpy %	Po %	Py %
1.50	0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-95

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 24/04/2009
End Date: 26/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402619.96
Easting: 357653.42
Elevation: 491.84

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 195.00

Lithology From m	To m	Code	Rock description	Magsus 0 100 200	Sulphide %	Cpy %	Po %	Py %	From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10
28.60	33.55	Fgd	Granodiorite		0.1			0.1														
33.55	39.00	Spt	Siltstone																			
39.00	72.30	Fgd	Granodiorite																			

30 35 40 45 50 55 60

Hole Number: BL09-95

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 24/04/2009
End Date: 26/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402619.96
Easting: 357653.42
Elevation: 491.84

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 195.00

Lithology From m	To m	Code	Rock description
39.00	72.30	Fgd	Granodiorite
72.30	77.40		Granodiorite
77.40	87.00		Granodiorite
87.00	96.45		Granodiorite

Magsus 0 100 200 | Sulphide % 0.1 | Cpy % | Po % | Py % 0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

60 65 70 75 80 85 90

Hole Number: BL09-95

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 24/04/2009
End Date: 26/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402619.96
Easting: 357653.42
Elevation: 491.84

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 195.00

From m	To m	Code	Rock description
87.00	96.45	Fgd	Granodiorite
96.45	97.50	Hg	Hybrid Grey
97.50	137.60	Mgm	Gabbro - Melanocratic

From m	Sulphide %	Cpy %	Po %	Py %
87.00	0.1			0.1
96.45	2.0			2.0
97.50	1.5		1.0	0.5
	2.5		2.0	0.5
	0.5		0.5	
	2.6	0.1	2.0	0.5
	0.5		0.5	
	1.0		1.0	
	5.6	0.6	5.0	
	3.5	0.5	3.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
92.45	94.45	2.00	H740261	0.0005	0.001	1	7	0.001	0.250	3	1	6
94.45	96.45	2.00	H740262	0.0012	0.001	2	3	0.001	0.250	5	1	8
96.45	97.50	1.05	H740263	0.1180	0.110	297	134	0.006	0.250	6	28	214
97.50	99.00	1.50	H740264	0.0452	0.038	183	510	0.013	0.250	22	77	1040
99.00	100.00	1.00	H740265	0.1970	0.205	624	648	0.016	0.250	60	86	1060
100.00	101.00	1.00	H740266	0.1120	0.095	416	608	0.011	0.250	48	82	1300
101.00	102.00	1.00	H740267	0.0848	0.075	449	542	0.012	0.250	22	77	1150
102.00	103.00	1.00	H740268	0.0790	0.060	293	596	0.008	0.250	3	87	1110
103.00	104.00	1.00	H740269	0.0524	0.045	197	536	0.005	0.250	5	73	1130
104.00	105.00	1.00	H740271	0.0675	0.059	228	723	0.008	0.250	3	92	1590
105.00	106.00	1.00	H740272	0.0684	0.059	213	784	0.006	0.250	15	96	1840
106.00	107.00	1.00	H740273	0.0381	0.028	126	795	0.004	0.250	9	98	1950
107.00	108.00	1.00	H740274	0.0784	0.073	202	827	0.006	0.250	9	97	2070
108.00	109.00	1.00	H740275	0.0793	0.072	210	886	0.008	0.250	3	104	2150
109.00	110.00	1.00	H740276	0.5010	0.470	1115	1265	0.028	0.250	3	118	2020
110.00	111.00	1.00	H740277	0.2670	0.238	559	868	0.019	0.250	3	95	1690
111.00	112.00	1.00	H740278	0.2480	0.224	533	958	0.016	0.250	3	103	1870
112.00	113.00	1.00	H740279	0.4000	0.371	952	1200	0.024	0.250	3	113	1990
113.00	114.00	1.00	H740281	0.4080	0.383	982	1265	0.025	0.500	30	115	2080
114.00	115.00	1.00	H740282	0.5120	0.461	1070	1315	0.028	0.800	22	116	2300
115.00	116.00	1.00	H740283	0.3190	0.289	726	1215	0.020	0.600	16	112	2380
116.00	117.00	1.00	H740284	0.1800	0.165	373	1040	0.012	0.250	24	109	2490
117.00	118.00	1.00	H740285	0.9650	0.901	2080	1785	0.053	1.400	6	136	2410
118.00	119.00	1.00	H740286	1.9300	1.800	4450	2710	0.110	2.700	14	179	2830
119.00	120.00	1.00	H740287	1.7700	1.620	3760	2360	0.110	2.600	31	162	2270

Hole Number: BL09-95

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 24/04/2009
End Date: 26/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402619.96
Easting: 357653.42
Elevation: 491.84

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 195.00

Lithology From m	To m	Code	Rock description
97.50	137.60	Mgm	Gabbro - Melanocratic
137.60	141.40	Hg	Hybrid Grey
141.40	143.40	Fgd	Granodiorite
143.40	144.50		Granodiorite
144.50	165.00		Granodiorite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
3.5	0.5	3.0	
8.5	0.5	8.0	
3.5	0.5	3.0	
5.9	0.9	5.0	
23.9	7.9	15.0	1.0
5.9	0.9	5.0	
3.5	0.5	3.0	
6.5	0.5	6.0	
3.5	0.5	3.0	
1.0		1.0	
2.0		2.0	
1.0		1.0	
2.0	0.5	2.0	
3.5		3.0	
6.0	0.9	5.0	0.1
9.0	0.9	8.0	0.1
6.0	0.9	5.0	0.1
3.5	0.5	3.0	
1.0	0.1	1.0	0.1
2.0		2.0	
1.0	0.5	1.0	0.1
2.2	0.1	2.0	0.1
3.6	0.5	3.0	0.1
2.2		2.0	
3.6	0.1	3.0	0.1
1.0		1.0	
3.2		3.0	
6.0	0.9	5.0	0.1
3.6	0.5	3.0	0.1
1.1		1.0	0.1
1.0			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.00	121.00	1.00	H740288	1.7700	1.620	4060	2500	0.110	2.900	5	173	2120
121.00	122.00	1.00	H740289	1.6500	1.540	3480	2360	0.100	2.100	8	166	2260
122.00	123.00	1.00	H740291	2.0000	1.960	5120	3340	0.110	2.900	84	204	2030
123.00	124.00	1.00	H740292	2.1000	1.990	4940	2830	0.130	3.500	6	169	2260
124.00	125.00	1.00	H740293	1.3000	1.210	2930	2080	0.080	2.000	3	142	2280
125.00	126.00	1.00	H740294	0.7040	0.641	1835	1510	0.048	1.200	3	124	2400
126.00	127.00	1.00	H740295	1.5400	1.420	3850	2500	0.100	2.100	3	158	2900
127.00	128.00	1.00	H740296	2.7000	2.510	7150	3720	0.160	4.200	3	200	2490
128.00	129.00	1.00	H740297	3.4900	3.200	8440	3690	0.210	5.100	3	205	2480
129.00	130.00	1.00	H740298	3.0400	2.670	7620	2530	0.230	5.900	13	165	2620
130.00	131.00	1.00	H740299	0.3850	0.371	1260	1445	0.028	0.700	3	133	2790
131.00	132.00	1.00	H740301	0.9550	0.902	2840	2090	0.066	2.100	5	145	2600
132.00	133.00	1.00	H740302	0.8830	0.849	2640	2100	0.063	1.700	3	154	2240
133.00	134.00	1.00	H740303	0.9660	0.963	2570	1910	0.071	2.100	3	143	2430
134.00	135.00	1.00	H740304	0.7280	0.688	2710	2150	0.053	1.700	3	160	1955
135.00	136.00	1.00	H740305	1.3000	1.280	5100	3980	0.080	2.100	8	213	1935
136.00	136.85	0.85	H740306	1.8600	1.770	6180	3370	0.150	3.900	3	182	1785
136.85	137.60	0.75	H740307	0.1570	0.144	634	1025	0.015	0.250	13	122	1640
137.60	139.00	1.40	H740308	0.0072	0.007	90	119	0.003	0.250	3	70	164
139.00	140.00	1.00	H740309	0.0017	0.001	49	49	0.002	0.250	6	53	37
140.00	141.40	1.40	H740311	0.0016	0.001	36	27	0.002	0.250	3	44	16
141.40	143.40	2.00	H740312	0.0013	0.001	4	3	0.002	0.250	3	1	10
143.40	145.40	2.00	H740313	0.0012	0.001	4	3	0.002	0.250	3	1	10

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-95

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 24/04/2009
End Date: 26/04/2009

Magma Metals (Canada) Ltd.

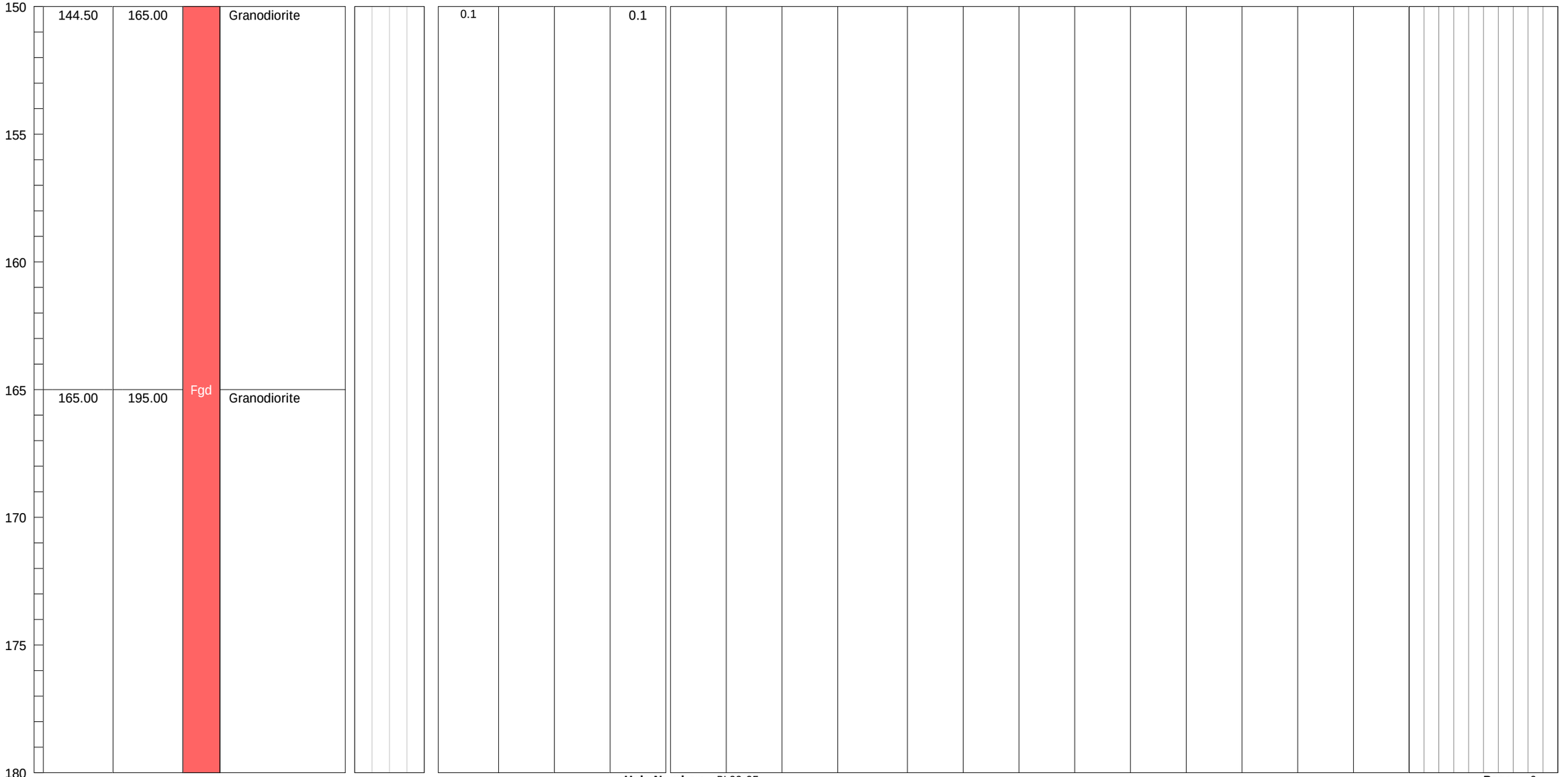
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402619.96
Easting: 357653.42
Elevation: 491.84

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 195.00

Lithology From m	To m	Code	Rock description
144.50	165.00	Fgd	Granodiorite
165.00	195.00	Fgd	Granodiorite



Hole Number: BL09-95

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 24/04/2009
End Date: 26/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402619.96
Easting: 357653.42
Elevation: 491.84

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 195.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
165.00	195.00	Fgd	Granodiorite		0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-96

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 28/04/2009
End Date: 28/04/2009

Magma Metals (Canada) Ltd.

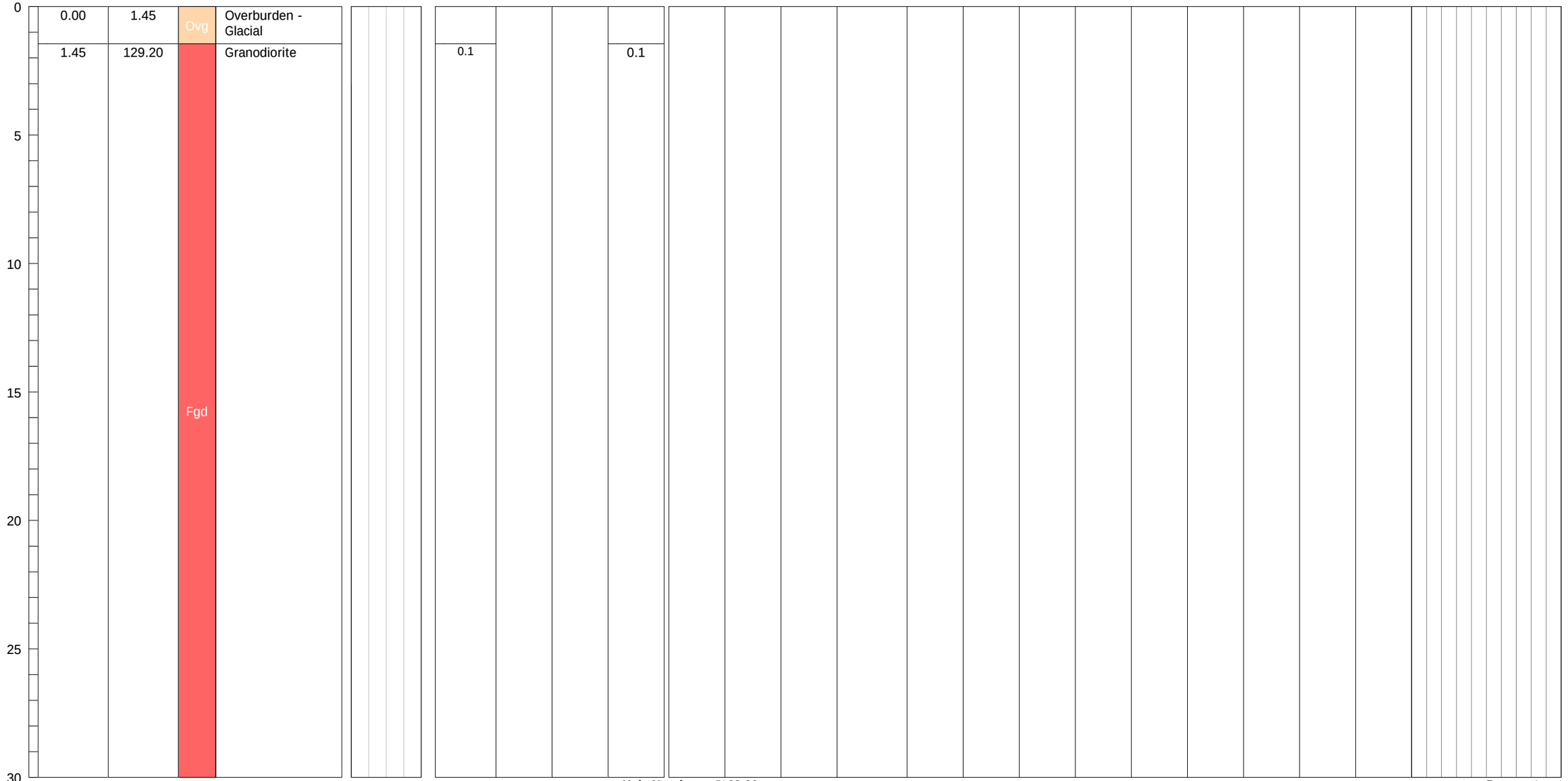
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402565.40
Easting: 357624.49
Elevation: 501.98

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
0.00	1.45	Ovg	Overburden - Glacial
1.45	129.20	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-96

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 28/04/2009
End Date: 28/04/2009

Magma Metals (Canada) Ltd.

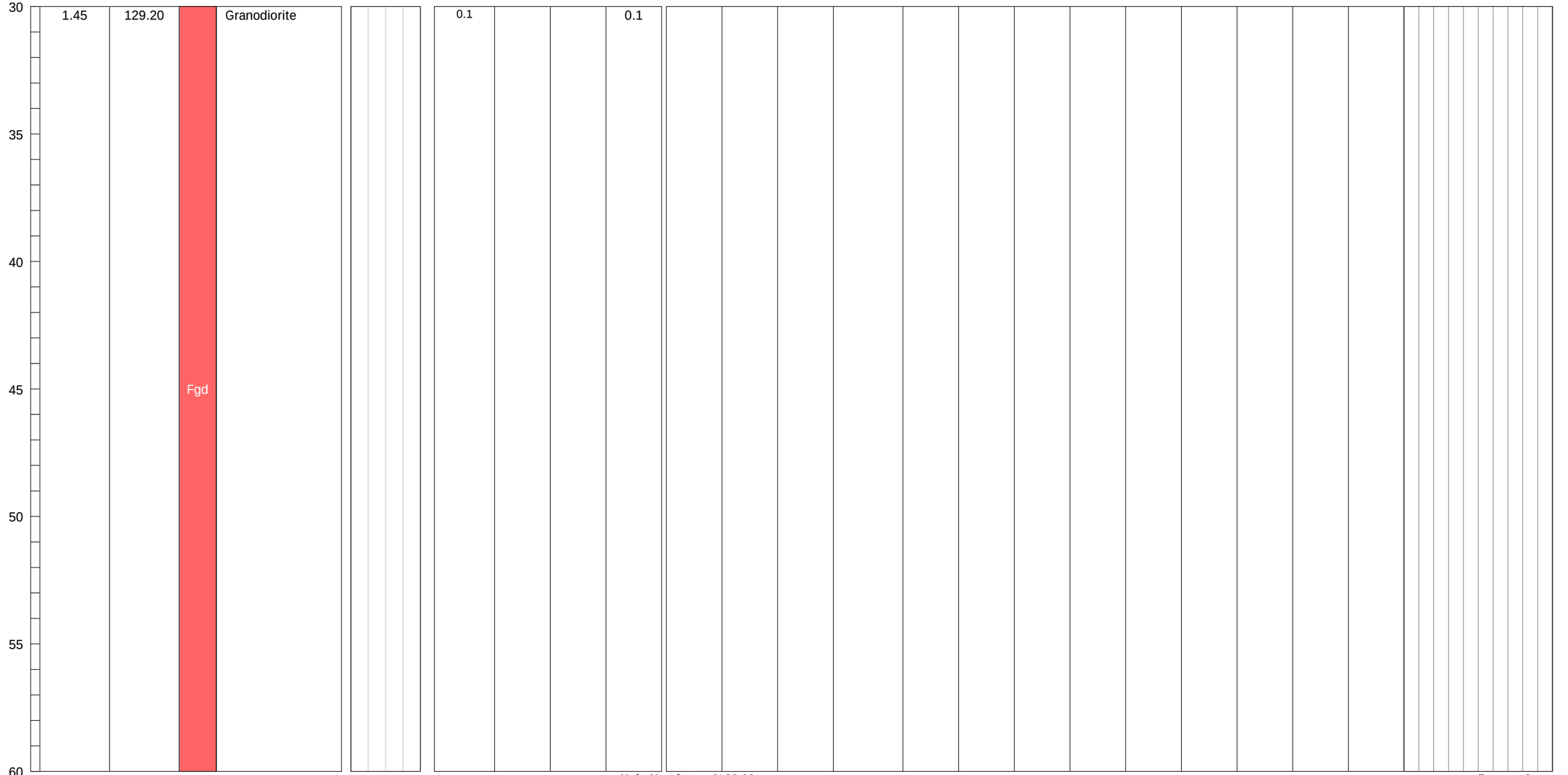
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402565.40
Easting: 357624.49
Elevation: 501.98

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
1.45	129.20	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-96

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 28/04/2009
End Date: 28/04/2009

Magma Metals (Canada) Ltd.

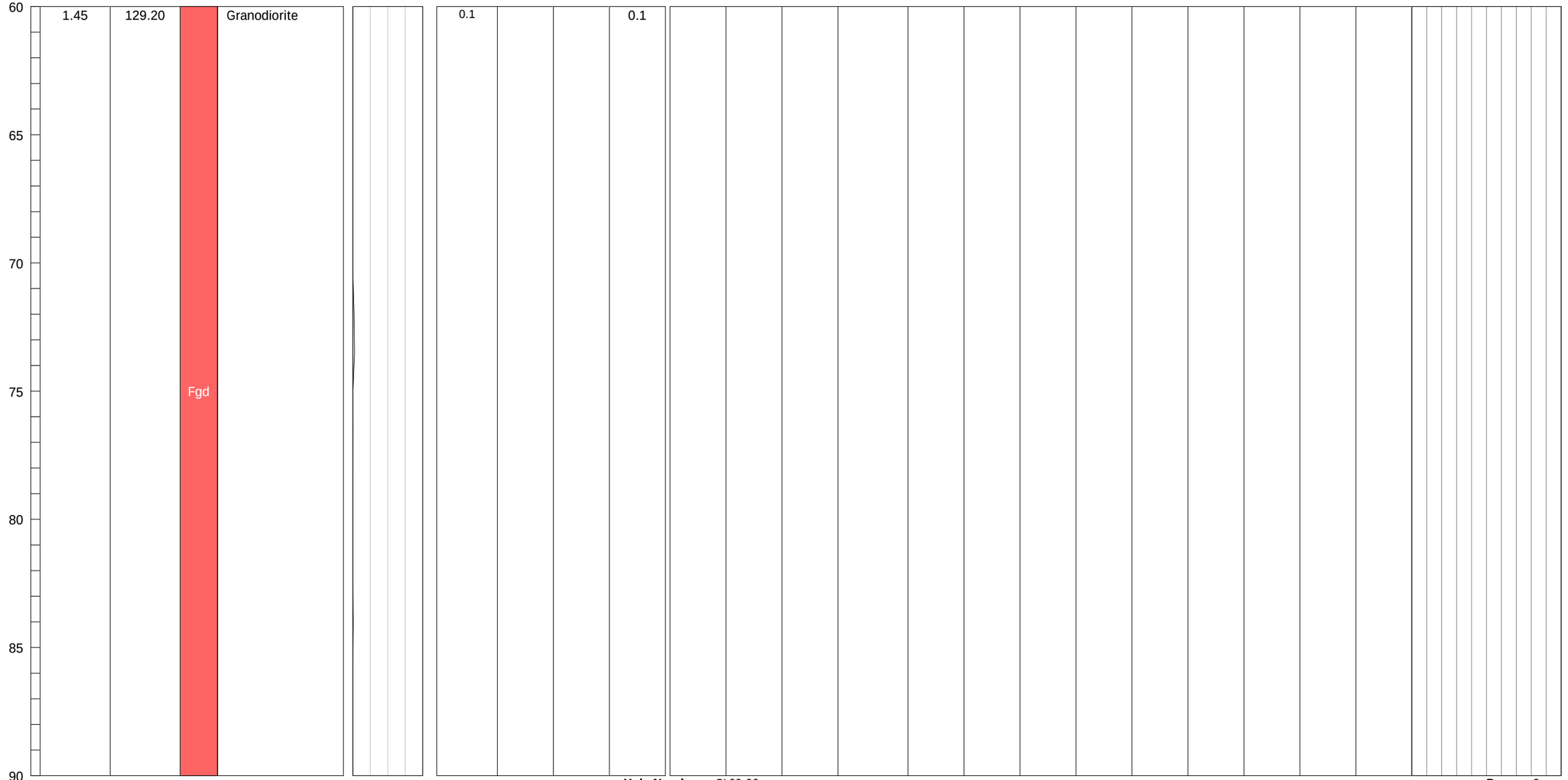
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402565.40
Easting: 357624.49
Elevation: 501.98

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
1.45	129.20	Fgd	Granodiorite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Hole Number: BL09-96

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 28/04/2009
End Date: 28/04/2009

Magma Metals (Canada) Ltd.

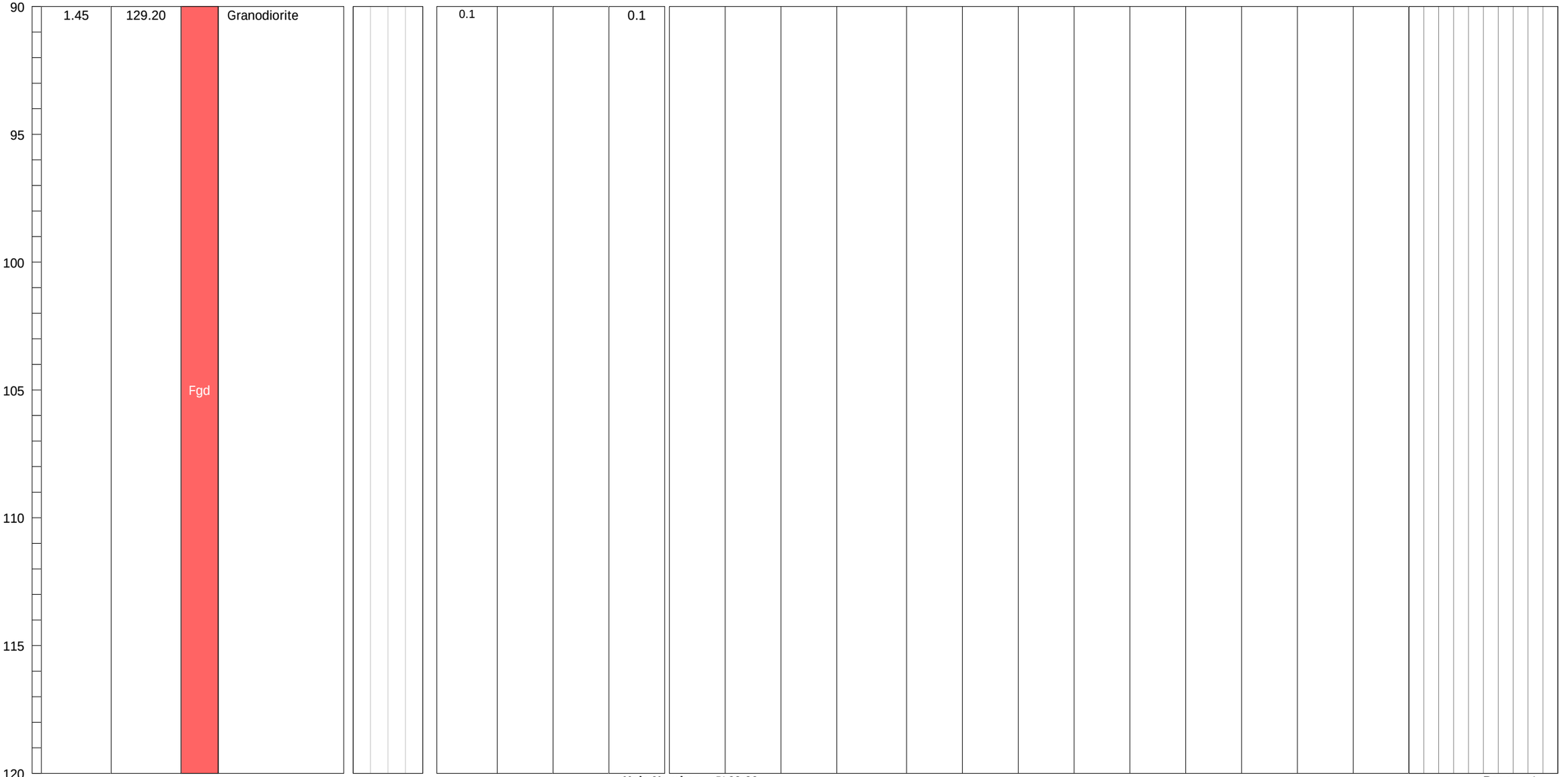
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402565.40
Easting: 357624.49
Elevation: 501.98

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
1.45	129.20	Fgd	Granodiorite



Hole Number: BL09-96

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 28/04/2009
End Date: 28/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402565.40
Easting: 357624.49
Elevation: 501.98

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

From m	To m	Code	Rock description
1.45	129.20	Fgd	Granodiorite
129.20	129.25	Hg	Hybrid Grey
129.25	144.40	Fgd	Granodiorite
144.40	146.70	Hr	Hybrid Classic Red
146.70	150.00	Hr	Hybrid Classic Red

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
140.40	142.40	2.00	H740253	0.0005	0.001	7	21	0.001	0.250	3	1	12
142.40	144.40	2.00	H740254	0.0006	0.002	4	9	0.001	0.250	3	1	8
144.40	146.00	1.60	H740255	0.0006	0.001	36	28	0.001	0.250	10	39	16
146.00	148.00	2.00	H740256	0.0007	0.001	43	53	0.001	0.250	3	53	45
148.00	150.00	2.00	H740257	0.0006	0.001	28	26	0.001	0.250	6	37	13

Hole Number: BL09-96

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 28/04/2009
End Date: 28/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402565.40
Easting: 357624.49
Elevation: 501.98

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
150.00	160.00	F	Felsic Rock, Undivided		0.1			0.1
160.00	162.80	F	Felsic Rock, Undivided					
162.80	164.20	FX	Felsic breccia					
164.20	175.00	F	Felsic Rock, Undivided					
175.00	180.00	F	Felsic Rock, Undivided					

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	152.00	2.00	H740258	0.0008	0.001	2	5	0.005	0.250	3	1	7
152.00	154.00	2.00	H740259	0.0005	0.001	3	5	0.002	0.250	3	1	7

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-96

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 28/04/2009
End Date: 28/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402565.40
Easting: 357624.49
Elevation: 501.98

Azimuth: 357.8°
Dip: -90.00°
Final Depth: 201.00

Lithology				Magsus	Sulphide	Cpy	Po	Py
From m	To m	Code	Rock description	0 100 200	%	%	%	%
180.00	201.00	F	Granite - Undifferentiated		0.1			0.1

From m	To m	Interval Sample m	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-97

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 30/04/2009

Magma Metals (Canada) Ltd.

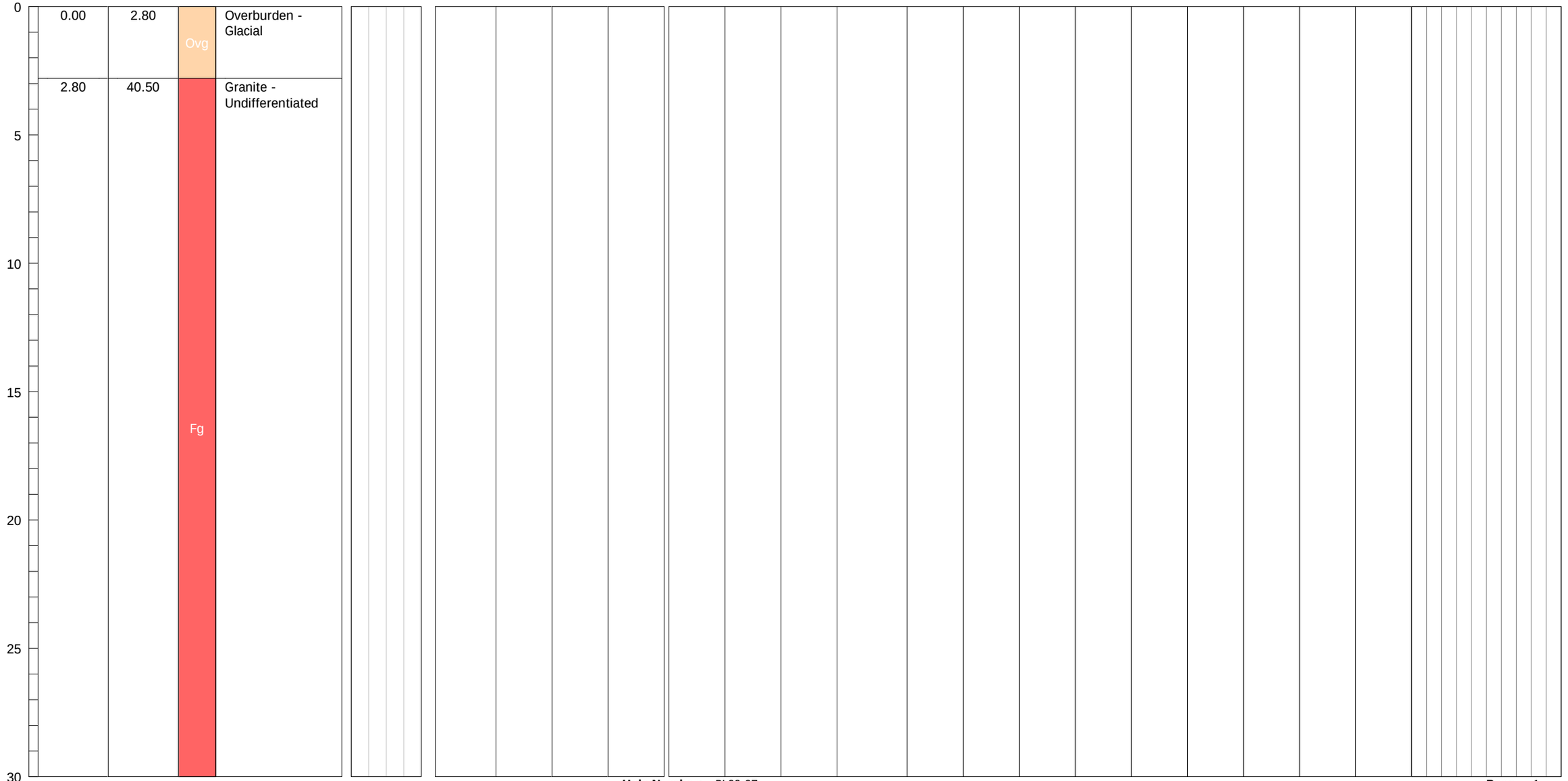
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402522.73
Easting: 357714.96
Elevation: 502.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
0.00	2.80	Ovg	Overburden - Glacial
2.80	40.50	Fg	Granite - Undifferentiated



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-97

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 30/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402522.73
Easting: 357714.96
Elevation: 502.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
2.80	40.50	Fg	Granite - Undifferentiated
40.50	131.35	Fg	Granodiorite

Magsus 0 100 200

Sulphide % | Cpy % | Po % | Py %

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-97

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 30/04/2009

Magma Metals (Canada) Ltd.

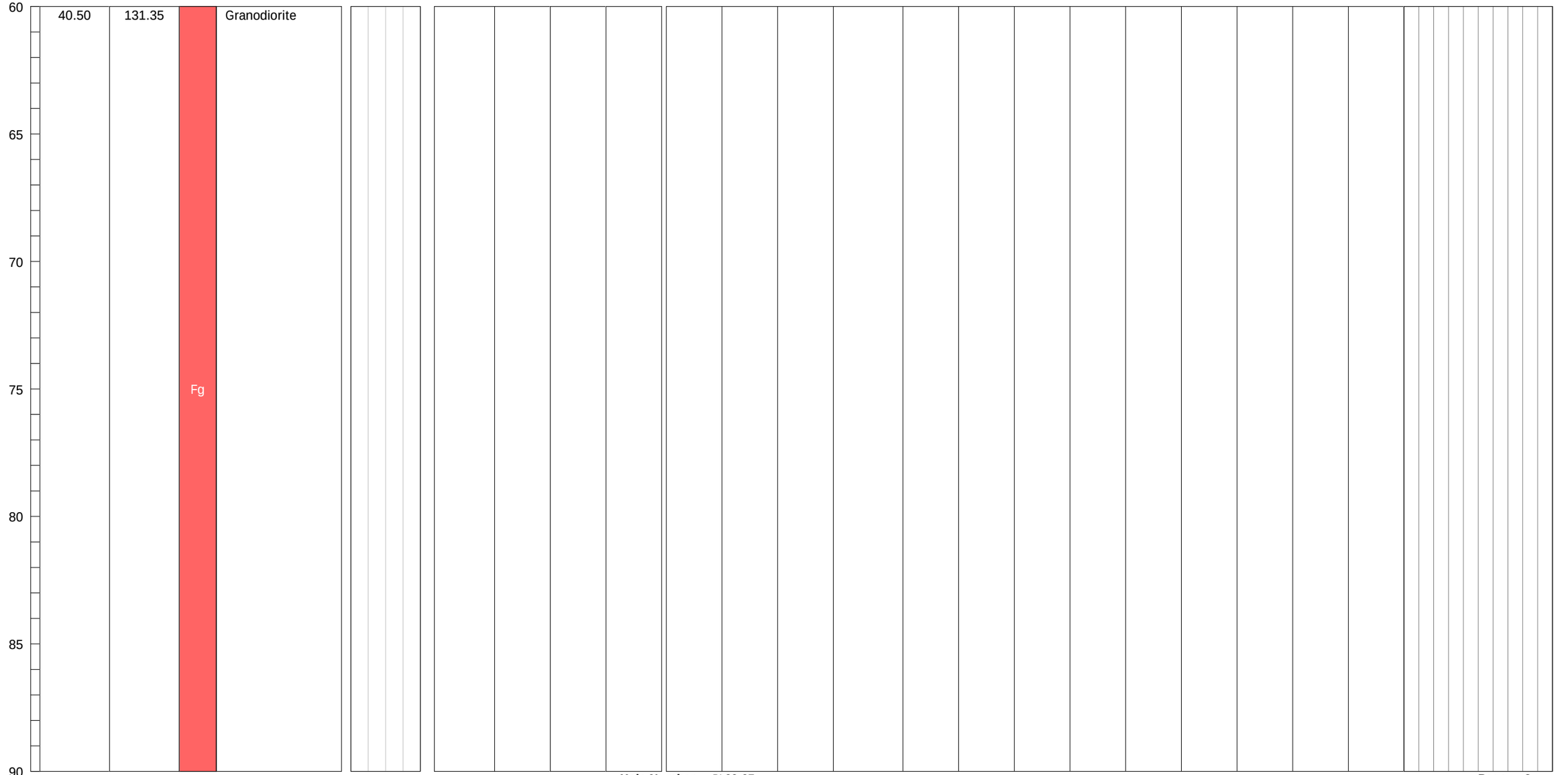
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402522.73
Easting: 357714.96
Elevation: 502.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
40.50	131.35	Fg	Granodiorite



Hole Number: BL09-97

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 30/04/2009

Magma Metals (Canada) Ltd.

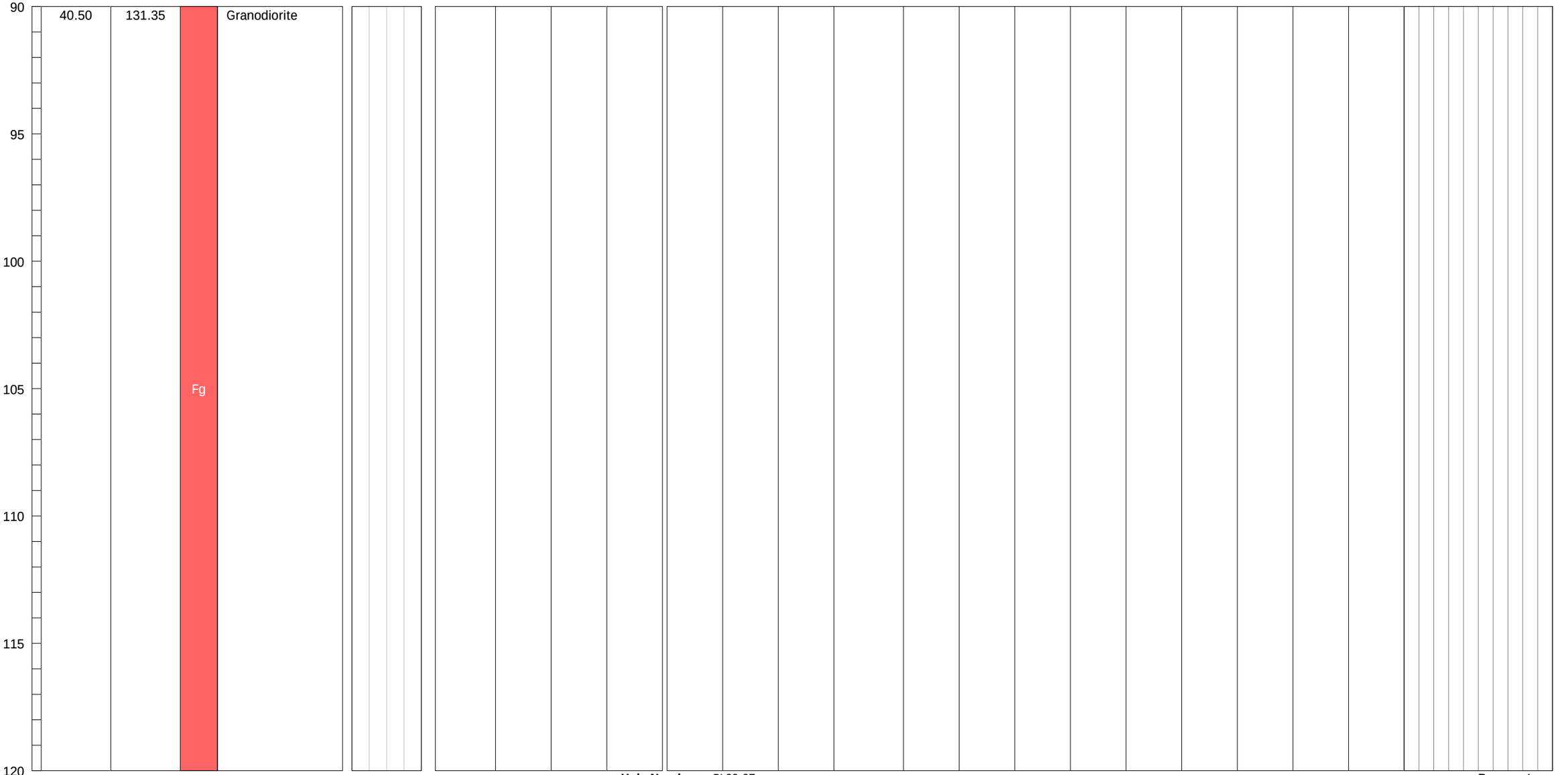
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402522.73
Easting: 357714.96
Elevation: 502.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
40.50	131.35	Fg	Granodiorite



Hole Number: BL09-97

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 30/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402522.73
Easting: 357714.96
Elevation: 502.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
40.50	131.35	Fg	Granodiorite
131.35	134.10	S	Sedimentary Rocks - Undifferentiated
134.10	134.55	Zib	Mixed Intrusion
134.55	134.95	Hg	Breccia
134.95	148.75	Mgm	Hybrid Grey Gabbro - Melanocratic
148.75	151.45	Hg	Hybrid Grey

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
0.5			0.5
3.0			3.0
0.9		0.9	
2.0		2.0	
0.9		0.9	
1.4		0.9	0.5
1.8		0.9	0.9
1.9		0.9	1.0
0.9		0.9	
1.5		0.5	1.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
130.00	132.00	2.00	H740314	0.0005	0.001	35	17	0.002	0.250	3	4	25
132.00	134.00	2.00	H740315	0.0016	0.001	30	56	0.002	0.250	12	18	106
134.00	134.55	0.55	H740316	0.0008	0.001	6	40	0.001	0.250	11	15	62
134.55	135.00	0.45	H740317	0.0266	0.023	141	261	0.005	0.250	10	56	578
135.00	136.00	1.00	H740318	0.0359	0.034	142	900	0.005	0.250	12	110	2040
136.00	137.00	1.00	H740319	0.0292	0.027	121	908	0.004	0.250	8	108	1750
137.00	138.00	1.00	H740321	0.0293	0.027	124	958	0.005	0.250	6	116	2150
138.00	139.00	1.00	H740322	0.0309	0.028	130	969	0.004	0.250	3	118	2160
139.00	140.00	1.00	H740323	0.0493	0.049	201	1060	0.006	0.250	3	125	2300
140.00	141.00	1.00	H740324	0.0722	0.071	268	1115	0.008	0.250	9	129	2660
141.00	142.00	1.00	H740325	0.0766	0.074	266	1145	0.007	0.250	8	129	2700
142.00	143.00	1.00	H740326	0.0673	0.063	217	1165	0.006	0.250	3	131	2710
143.00	144.00	1.00	H740327	0.0967	0.093	331	1110	0.008	0.250	33	125	2790
144.00	145.00	1.00	H740328	0.0752	0.070	262	1115	0.007	0.250	38	120	2600
145.00	146.00	1.00	H740329	0.0973	0.089	318	1090	0.009	0.250	26	125	2680
146.00	147.00	1.00	H740331	0.0277	0.024	124	851	0.004	0.250	3	127	2430
147.00	148.00	1.00	H740332	0.0064	0.006	80	617	0.002	0.250	3	121	1300
148.00	148.75	0.75	H740333	0.0073	0.006	56	582	0.002	0.250	19	118	1240
148.75	150.00	1.25	H740334	0.0037	0.004	71	294	0.003	0.250	5	96	458

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-97

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 30/04/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402522.73
Easting: 357714.96
Elevation: 502.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
148.75	151.45	Hg	Hybrid Grey
151.45	155.50	Zib	Mixed Intrusion Breccia
155.50	160.10	S	Sedimentary Rocks - Undifferentiated
160.10	160.15	Hg	Hybrid Grey
160.15	192.00	Spt	Siltstone

Magsus (0 100 200)

Sulphide %	Cpy %	Po %	Py %
1.0			1.0
0.1			0.1

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
150.00	151.45	1.45	H740335	0.0009	0.001	41	46	0.003	0.250	3	59	48
151.45	153.45	2.00	H740336	0.0013	0.001	5	54	0.002	0.250	3	13	88
153.45	155.45	2.00	H740337	0.0009	0.001	51	46	0.001	0.250	5	11	74

Pt + Pd (ppm) (0 2 4 6 8 10)

Hole Number: BL09-97

Project: TBN
Claim #: 842186
Logged: Justin Johnson

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 30/04/2009

Magma Metals (Canada) Ltd.

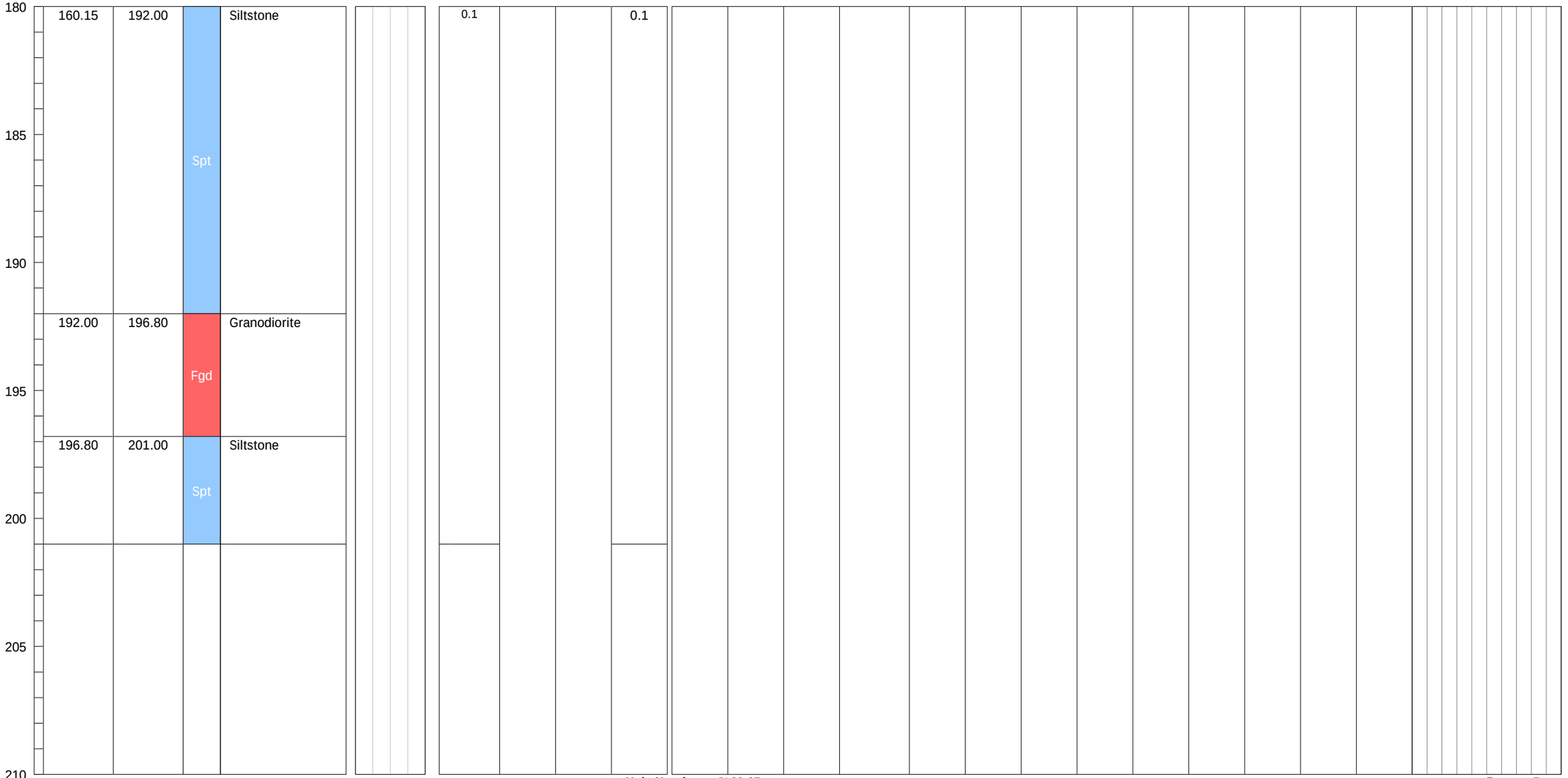
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402522.73
Easting: 357714.96
Elevation: 502.90

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 201.00

Lithology From m	To m	Code	Rock description
160.15	192.00	Spt	Siltstone
192.00	196.80	Fgd	Granodiorite
196.80	201.00	Spt	Siltstone



Hole Number: BL09-98

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 02/05/2009

Magma Metals (Canada) Ltd.

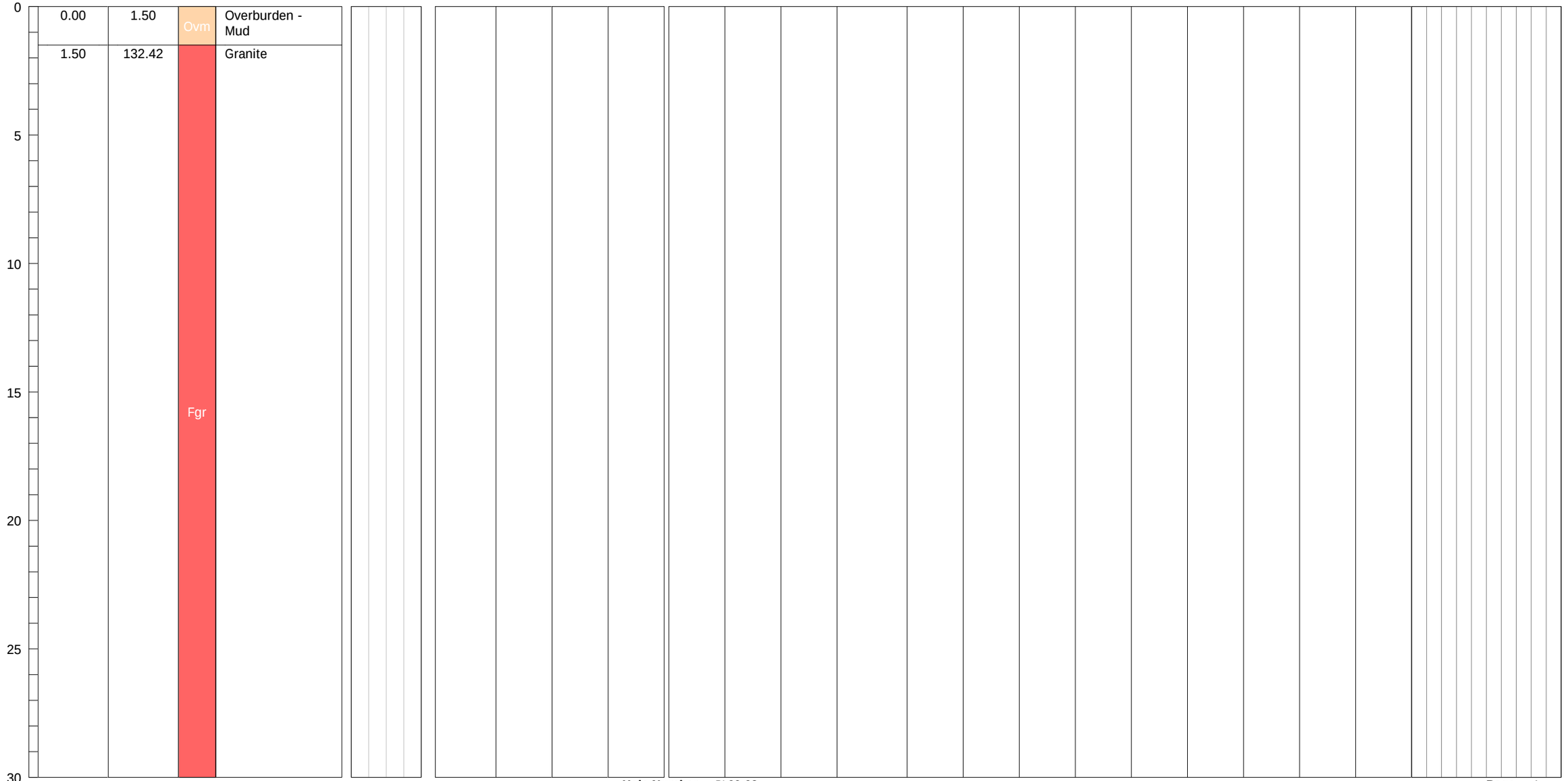
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402652.59
Easting: 357674.35
Elevation: 489.15

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

From m	To m	Code	Rock description
0.00	1.50	Ovm	Overburden - Mud
1.50	132.42	Fgr	Granite



Hole Number: BL09-98

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 02/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402652.59
Easting: 357674.35
Elevation: 489.15

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.50	132.42	Fgr	Granite																			

Hole Number: BL09-98

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 02/05/2009

Magma Metals (Canada) Ltd.

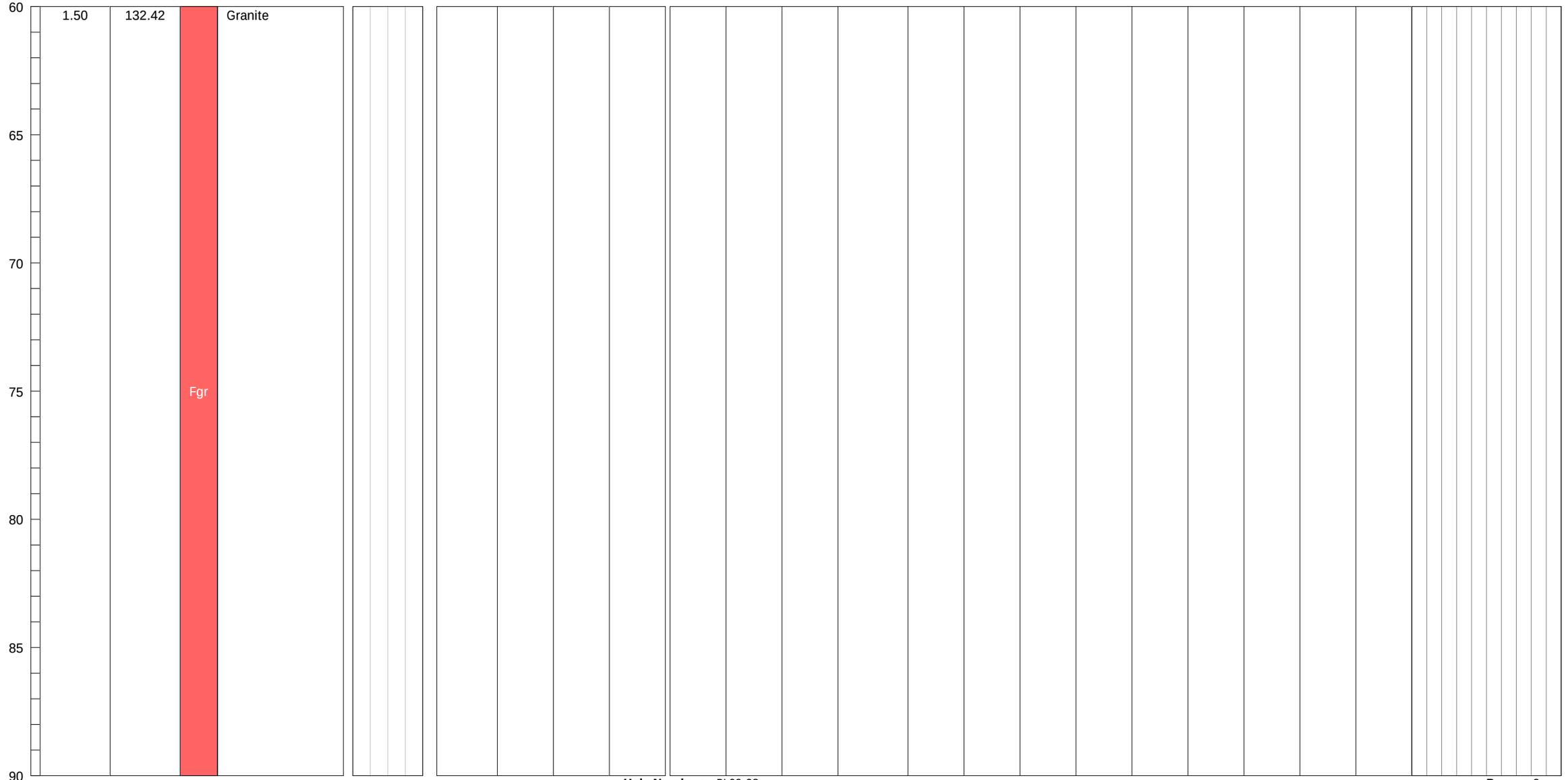
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402652.59
Easting: 357674.35
Elevation: 489.15

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
1.50	132.42	Fgr	Granite																			



Hole Number: BL09-98

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 02/05/2009

Magma Metals (Canada) Ltd.

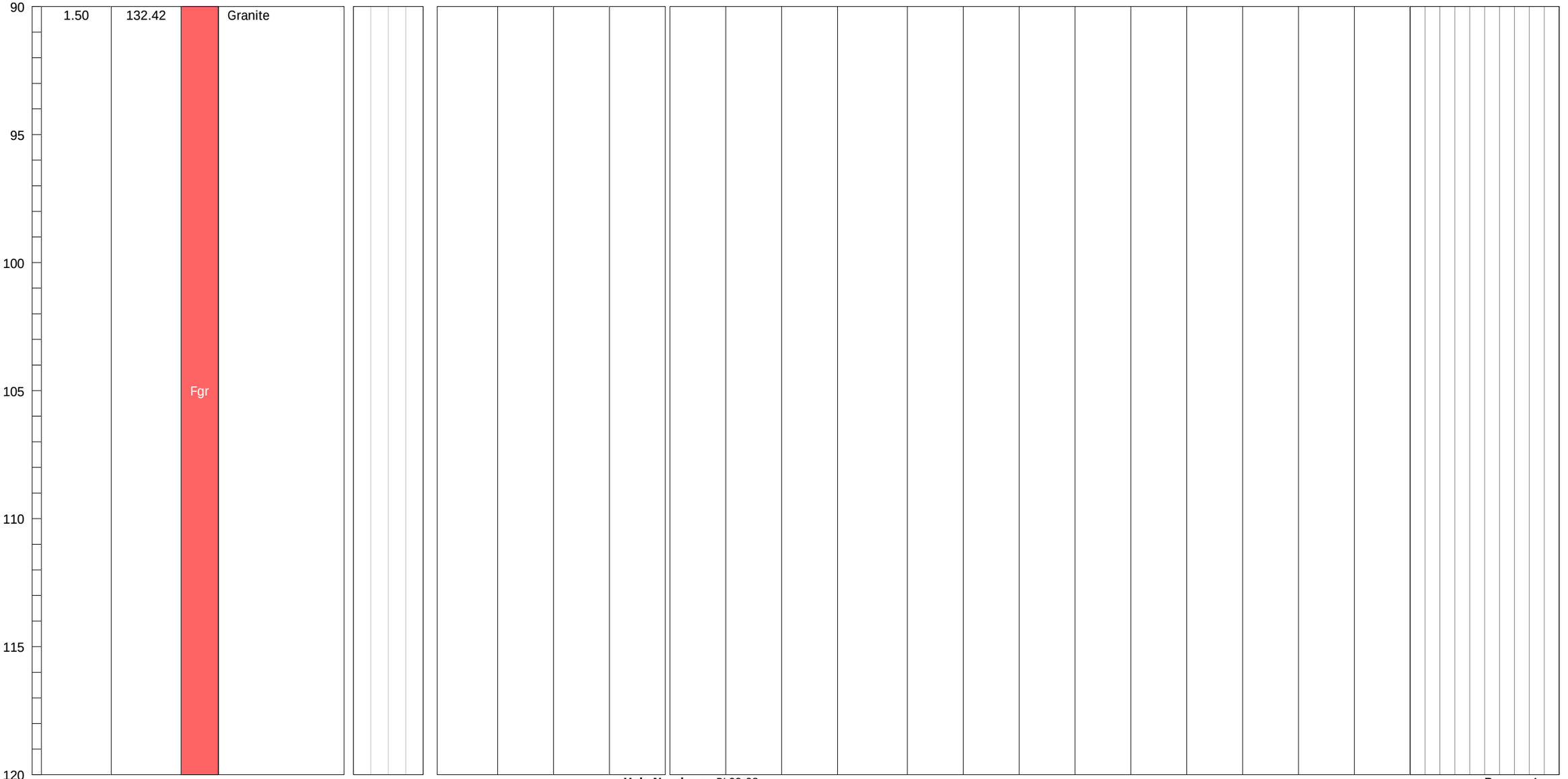
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402652.59
Easting: 357674.35
Elevation: 489.15

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description
1.50	132.42	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-98

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 02/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402652.59
Easting: 357674.35
Elevation: 489.15

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description
1.50	132.42	Fgr	Granite
132.42	132.55	Hg	Hybrid Grey
132.55	133.15	Hg	Hybrid Grey
133.15	134.30	Hr	Hybrid Classic
134.30	138.00	Hg	Red Hybrid Grey
138.00	138.35	Hg	Hybrid Grey
138.35	139.00	Hg	Hybrid Grey
139.00	139.10	S	Hybrid Grey
139.10	140.28		Sedimentary Rocks - Undifferentiated
140.28	192.00	Fgr	Granite

Magsus: 0 100 200

Sulphide %	Cpy %	Po %	Py %
3.0			3.0

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
128.42	130.42	2.00	H740351	0.0003	0.001	1	2	0.001	0.250	3	3	5
130.42	132.42	2.00	H740352	0.0003	0.001	2	3	0.002	0.250	5	1	8
132.42	134.00	1.58	H740353	0.0013	0.001	17	26	0.003	0.250	6	39	9
134.00	136.00	2.00	H740354	0.0007	0.001	31	78	0.005	0.250	8	73	74
136.00	138.00	2.00	H740355	0.0013	0.001	41	35	0.003	0.250	10	54	26
138.00	139.10	1.10	H740356	0.0003	0.001	23	8	0.002	0.250	8	18	3
139.10	141.10	2.00	H740357	0.0003	0.001	2	1	0.001	0.250	3	1	4
141.10	143.10	2.00	H740358	0.0003	0.001	2	1	0.002	0.250	3	1	10

Pt + Pd (ppm): 0 2 4 6 8 10

Hole Number: BL09-98

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 02/05/2009

Magma Metals (Canada) Ltd.

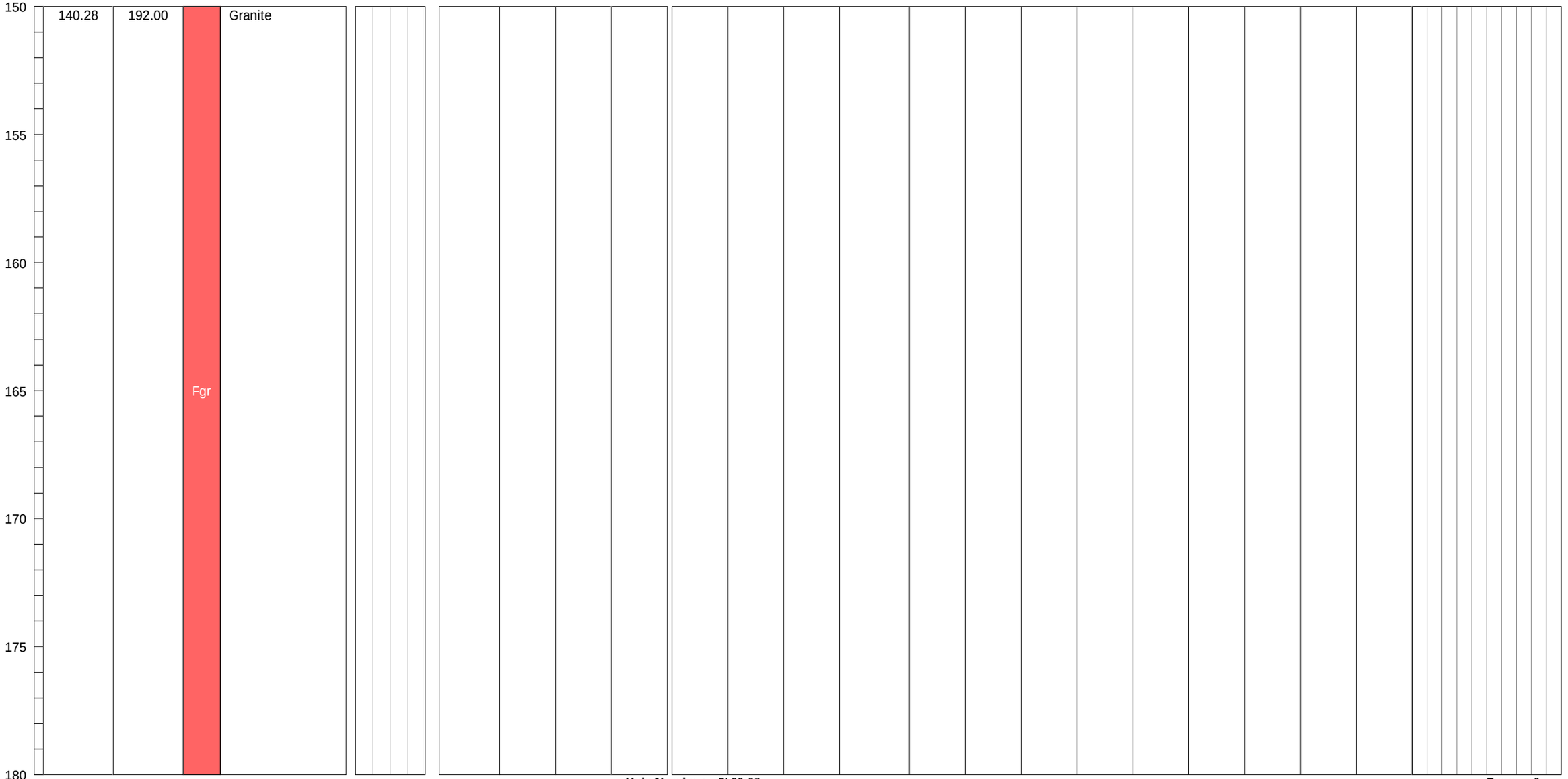
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402652.59
Easting: 357674.35
Elevation: 489.15

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology				Magsus	Sulphide	Cpy	Po	Py	From	To	Interval	Sample	Pt	Pd	Cu	Ni	Au	Ag	As	Co	Cr	Pt + Pd (ppm)
From m	To m	Code	Rock description	0 100 200	%	%	%	%	m	m	m		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0 2 4 6 8 10
140.28	192.00	Fgr	Granite																			



Hole Number: BL09-98

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 30/04/2009
End Date: 02/05/2009

Magma Metals (Canada) Ltd.

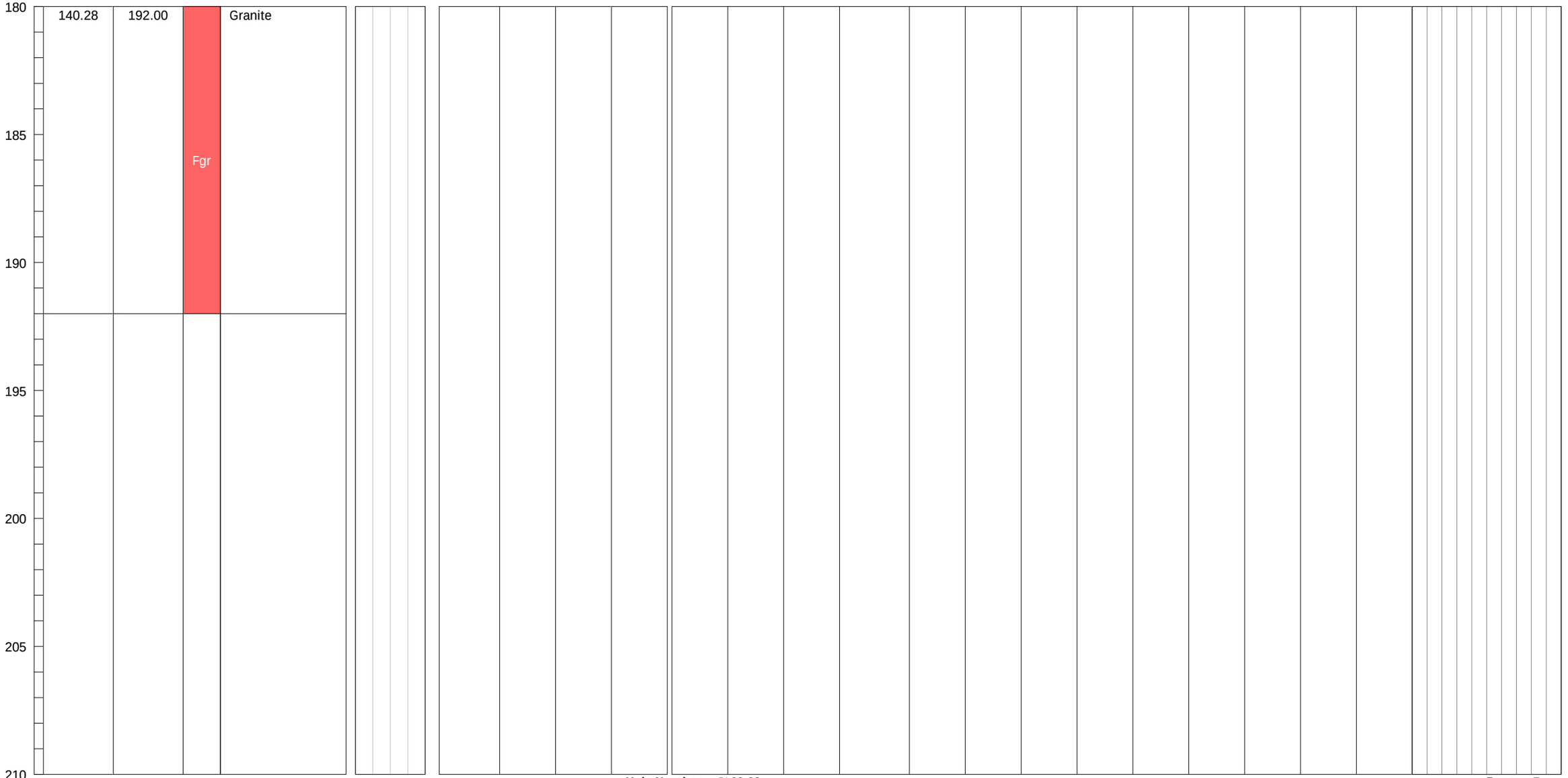
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402652.59
Easting: 357674.35
Elevation: 489.15

Azimuth: 180.0°
Dip: -90.00°
Final Depth: 192.00

Lithology From m	To m	Code	Rock description
140.28	192.00	Fgr	Granite



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm	Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-99

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 03/05/2009
End Date: 04/05/2009

Magma Metals (Canada) Ltd.

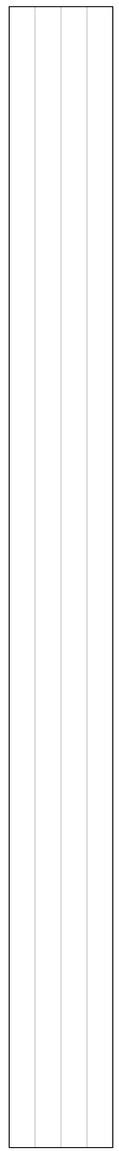
Drill Hole Logs

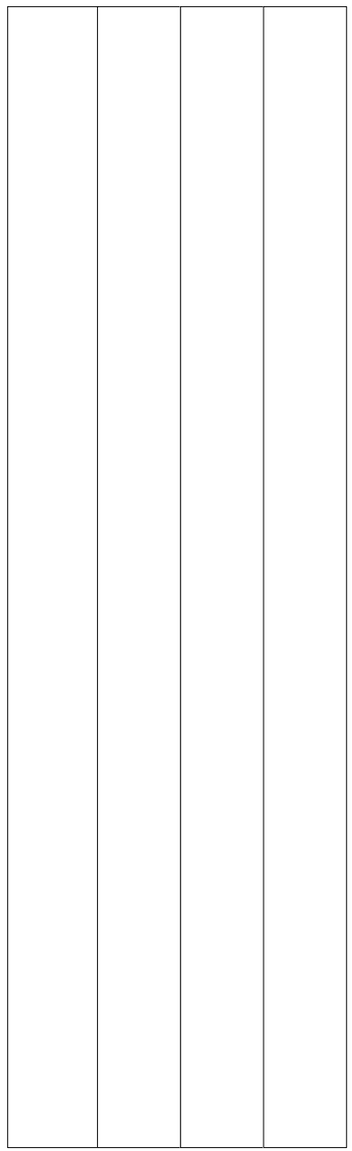
Coordinates (NAD 83, Zone 16)

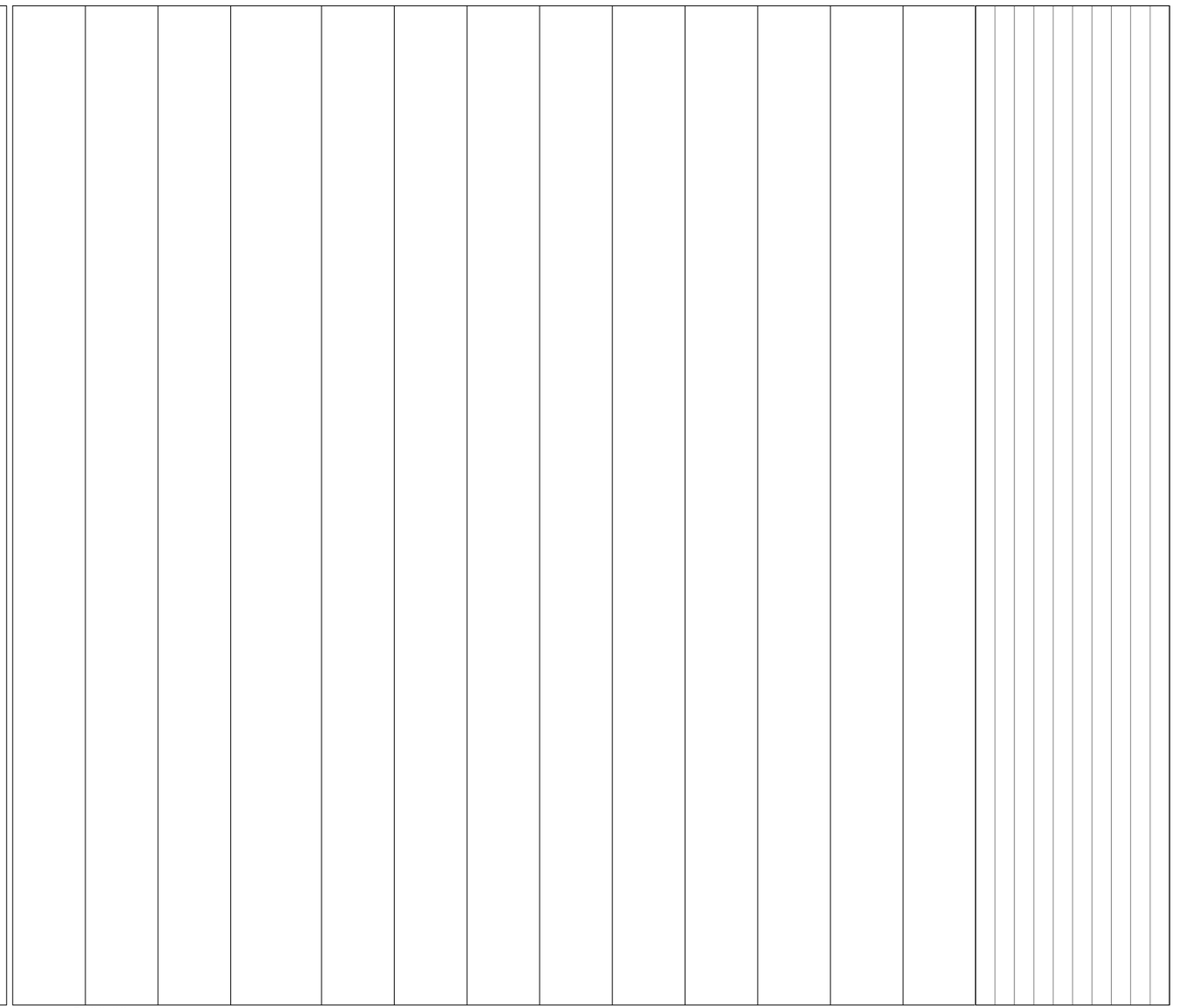
Northing: 5402656.91
Easting: 357566.87
Elevation: 497.34

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 180.00

Lithology From m	To m	Code	Rock description
0.00	1.00	Ovm	Overburden - Mud
1.00	24.17	Fgr	Granite
24.17	59.40		Alkali feldspar granite







Hole Number: BL09-99

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 03/05/2009
End Date: 04/05/2009

Magma Metals (Canada) Ltd.

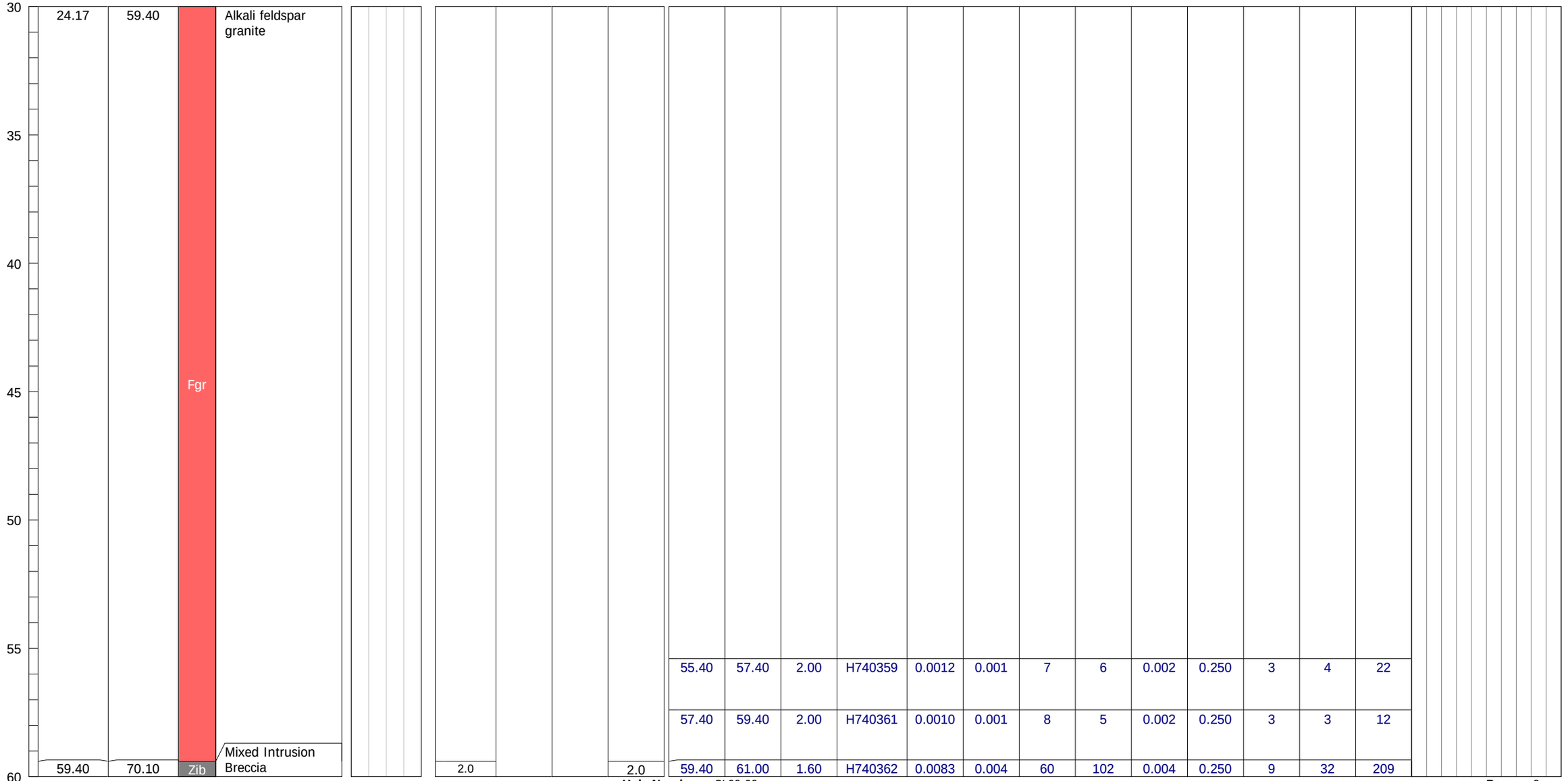
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402656.91
Easting: 357566.87
Elevation: 497.34

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 180.00

Lithology From m	To m	Code	Rock description
24.17	59.40	Fgr	Alkali feldspar granite
59.40	70.10	Zib	Mixed Intrusion Breccia



From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
55.40	57.40	2.00	H740359	0.0012	0.001	7	6	0.002	0.250	3	4	22
57.40	59.40	2.00	H740361	0.0010	0.001	8	5	0.002	0.250	3	3	12
59.40	61.00	1.60	H740362	0.0083	0.004	60	102	0.004	0.250	9	32	209

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-99

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 03/05/2009
End Date: 04/05/2009

Magma Metals (Canada) Ltd.

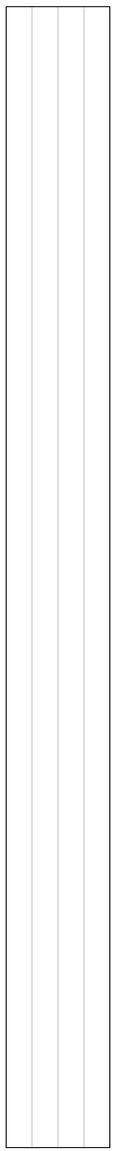
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402656.91
Easting: 357566.87
Elevation: 497.34

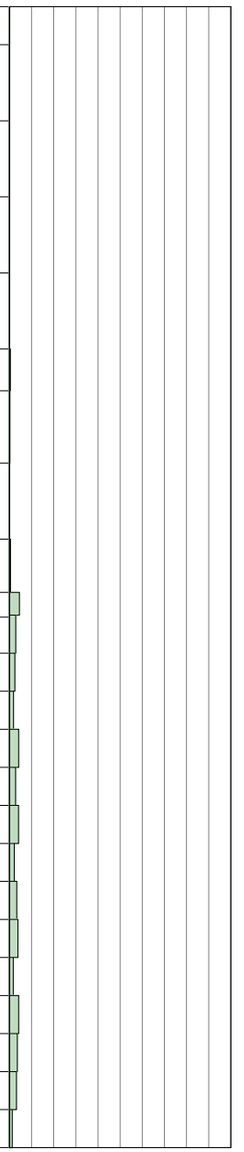
Azimuth: 0.0°
Dip: -90.00°
Final Depth: 180.00

Lithology From m	To m	Code	Rock description
59.40	70.10	Zib	Mixed Intrusion Breccia
70.10	74.00	Hg	Hybrid Grey
74.00	80.00	Upd	Peridotite
80.00	98.00	Mgm	Gabbro - Melanocratic



From m	To m	Sulphide %	Cpy %	Po %	Py %
59.40	70.10	2.0			2.0
70.10	74.00	2.0			2.0
74.00	80.00				
		2.5	0.5	2.0	
		1.5	0.5	1.0	
		1.5	0.5	1.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
59.40	61.00	1.60	H740362	0.0083	0.004	60	102	0.004	0.250	9	32	209
61.00	63.00	2.00	H740363	0.0062	0.003	42	66	0.003	0.250	18	22	149
63.00	65.00	2.00	H740364	0.0040	0.002	7	39	0.003	0.250	27	14	103
65.00	67.00	2.00	H740365	0.0039	0.002	8	46	0.002	0.500	22	18	119
67.00	69.00	2.00	H740366	0.0034	0.002	7	38	0.002	0.250	17	15	112
69.00	70.10	1.10	H740367	0.0207	0.019	64	70	0.002	0.250	24	23	158
70.10	72.00	1.90	H740368	0.0123	0.010	83	39	0.003	0.250	13	34	80
72.00	74.00	2.00	H740369	0.0026	0.001	106	41	0.002	0.250	11	42	37
74.00	75.40	1.40	H740371	0.0245	0.019	185	165	0.005	0.250	12	51	430
75.40	76.00	0.60	H740372	0.2200	0.229	748	805	0.015	0.250	3	99	1190
76.00	77.00	1.00	H740373	0.1400	0.143	442	805	0.010	0.250	13	97	1450
77.00	78.00	1.00	H740374	0.1270	0.119	369	800	0.010	0.250	3	96	1540
78.00	79.00	1.00	H740375	0.0961	0.091	299	763	0.009	0.250	7	97	1580
79.00	80.00	1.00	H740376	0.2070	0.209	522	859	0.015	0.250	20	101	1540
80.00	81.00	1.00	H740377	0.1350	0.142	385	795	0.010	0.250	39	98	1570
81.00	82.00	1.00	H740378	0.2020	0.209	536	857	0.015	0.250	93	100	1490
82.00	83.00	1.00	H740379	0.1100	0.109	300	731	0.008	0.250	106	93	1450
83.00	84.00	1.00	H740381	0.1640	0.167	497	835	0.012	0.250	10	100	1580
84.00	85.00	1.00	H740382	0.1900	0.191	499	831	0.014	0.250	101	99	1630
85.00	86.00	1.00	H740383	0.0872	0.083	246	770	0.008	0.250	102	98	1710
86.00	87.00	1.00	H740384	0.2040	0.215	592	887	0.015	0.250	103	103	1540
87.00	88.00	1.00	H740385	0.1800	0.180	405	799	0.016	0.250	86	99	1620
88.00	89.00	1.00	H740386	0.1540	0.163	424	867	0.013	0.250	66	105	1680
89.00	90.00	1.00	H740387	0.0628	0.063	304	865	0.006	0.250	39	107	1840



Hole Number: BL09-99

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 03/05/2009
End Date: 04/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402656.91
Easting: 357566.87
Elevation: 497.34

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 180.00

Lithology From m	To m	Code	Rock description
80.00	98.00	Mgm	Gabbro - Melanocratic
98.00	116.00	Upd	Peridotite
116.00	119.00	Mgm	Gabbro - Melanocratic
119.00	126.20	Upd	Peridotite

Magsus 0 100 200

Sulphide %	Cpy %	Po %	Py %
1.5	0.5	1.0	
3.9	0.9	3.0	
4.0	1.0	3.0	
10.0	3.0	7.0	
15.0	5.0	10.0	
22.0	7.0	15.0	
1.5	0.5	1.0	
7.0	2.0	5.0	
15.0	5.0	10.0	
10.0	3.0	7.0	
4.0	1.0	3.0	
2.9	0.9	2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
90.00	91.00	1.00	H740388	0.2390	0.243	816	1060	0.017	0.250	28	114	1900
91.00	92.00	1.00	H740389	0.1080	0.102	304	901	0.010	0.250	3	108	1900
92.00	93.00	1.00	H740391	0.1230	0.124	335	934	0.011	0.250	14	110	2030
93.00	94.00	1.00	H740392	0.2390	0.237	539	1080	0.015	0.250	3	113	2160
94.00	95.00	1.00	H740393	0.4970	0.483	921	1200	0.031	0.250	3	117	2170
95.00	96.00	1.00	H740394	0.5600	0.563	1165	1460	0.037	0.600	8	126	2420
96.00	97.00	1.00	H740395	0.6430	0.656	1305	1530	0.044	0.600	6	125	2720
97.00	98.00	1.00	H740396	0.3970	0.378	767	1360	0.024	0.500	3	118	3130
98.00	99.00	1.00	H740397	0.2020	0.180	403	1150	0.013	0.250	3	111	2980
99.00	100.00	1.00	H740398	0.3630	0.324	571	1180	0.021	0.250	3	112	2590
100.00	101.00	1.00	H740399	0.6780	0.632	1330	1360	0.041	0.700	5	121	2200
101.00	102.00	1.00	H740401	1.3800	1.330	2950	1870	0.090	1.800	28	139	2200
102.00	103.00	1.00	H740402	1.7800	1.690	3720	2010	0.120	2.400	6	140	2160
103.00	104.00	1.00	H740403	1.4000	1.300	2750	1770	0.100	1.800	5	133	2280
104.00	105.00	1.00	H740404	1.4200	1.310	2770	1710	0.100	1.800	3	129	2320
105.00	106.00	1.00	H740405	1.9800	1.790	3830	1950	0.130	2.700	3	134	2240
106.00	107.00	1.00	H740406	2.9000	2.770	6090	2910	0.180	3.400	3	175	2270
107.00	108.00	1.00	H740407	3.1400	2.900	6100	2840	0.200	4.000	13	168	2180
108.00	109.00	1.00	H740408	3.1100	2.920	6230	2580	0.220	4.400	16	152	1890
109.00	110.00	1.00	H740409	2.7100	2.630	5700	3380	0.160	3.200	3	179	1860
110.00	111.00	1.00	H740411	2.2900	2.220	4960	3210	0.120	2.400	3	183	2340
111.00	112.00	1.00	H740412	3.2100	3.010	6650	3640	0.190	4.000	3	196	2420
112.00	113.00	1.00	H740413	2.1300	1.970	4440	3070	0.130	2.500	3	173	2800
113.00	114.00	1.00	H740414	2.3400	2.080	4860	2360	0.170	3.300	3	156	2940
114.00	115.00	1.00	H740415	7.3800	6.330	14300	2910	0.610	12.600	3	162	2840
115.00	116.00	1.00	H740416	7.6600	6.420	13850	2330	0.710	14.100	3	148	2780
116.00	117.00	1.00	H740417	0.5730	0.583	1505	1610	0.052	0.900	3	137	3130
117.00	118.00	1.00	H740418	0.1530	0.151	498	1340	0.016	0.250	13	129	2270
118.00	119.00	1.00	H740419	0.2710	0.255	802	1360	0.025	0.250	3	130	2440
119.00	120.00	1.00	H740421	0.2010	0.180	619	1290	0.020	0.250	6	128	2650

Pt + Pd (ppm) 0 2 4 6 8 10

Hole Number: BL09-99

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 03/05/2009
End Date: 04/05/2009

Magma Metals (Canada) Ltd.

Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402656.91
Easting: 357566.87
Elevation: 497.34

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 180.00

From m	To m	Code	Rock description
119.00	126.20	Upd	Peridotite
126.20	128.50	Hg	Hybrid Grey
128.50	128.90		Hybrid Grey
128.90	129.15		Hybrid Grey
129.15	180.00	Fgr	Granite

From m	Sulphide %	Cpy %	Po %	Py %
119.00	2.9	0.9	2.0	

From m	To m	Interval m	Sample	Pt ppm	Pd ppm	Cu ppm	Ni ppm	Au ppm	Ag ppm	As ppm	Co ppm	Cr ppm
120.00	121.00	1.00	H740422	0.1175	0.107	452	1260	0.011	0.250	3	127	2650
121.00	122.00	1.00	H740423	0.1040	0.094	412	1230	0.010	0.250	3	125	2560
122.00	123.00	1.00	H740424	0.1385	0.126	513	1180	0.013	0.250	3	121	2800
123.00	124.00	1.00	H740425	0.1600	0.144	552	1220	0.013	0.250	5	118	2600
124.00	125.00	1.00	H740426	0.0863	0.077	342	944	0.010	0.250	3	118	2470
125.00	126.20	1.20	H740427	0.0176	0.017	182	707	0.004	0.250	3	120	1450
126.20	127.70	1.50	H740428	0.0027	0.002	55	89	0.003	0.250	3	67	106
127.70	129.15	1.45	H740429	0.0013	0.001	32	24	0.002	0.250	11	43	18
129.15	131.15	2.00	H740431	0.0005	0.001	2	1	0.002	0.250	3	2	10
131.15	133.15	2.00	H740432	0.0019	0.001	2	1	0.002	0.250	3	2	9

Hole Number: BL09-99

Project: TBN
Claim #: 842186
Logged: Scott Franko

Drill Company: George Downing Estate Drilling
Start Date: 03/05/2009
End Date: 04/05/2009

Magma Metals (Canada) Ltd.

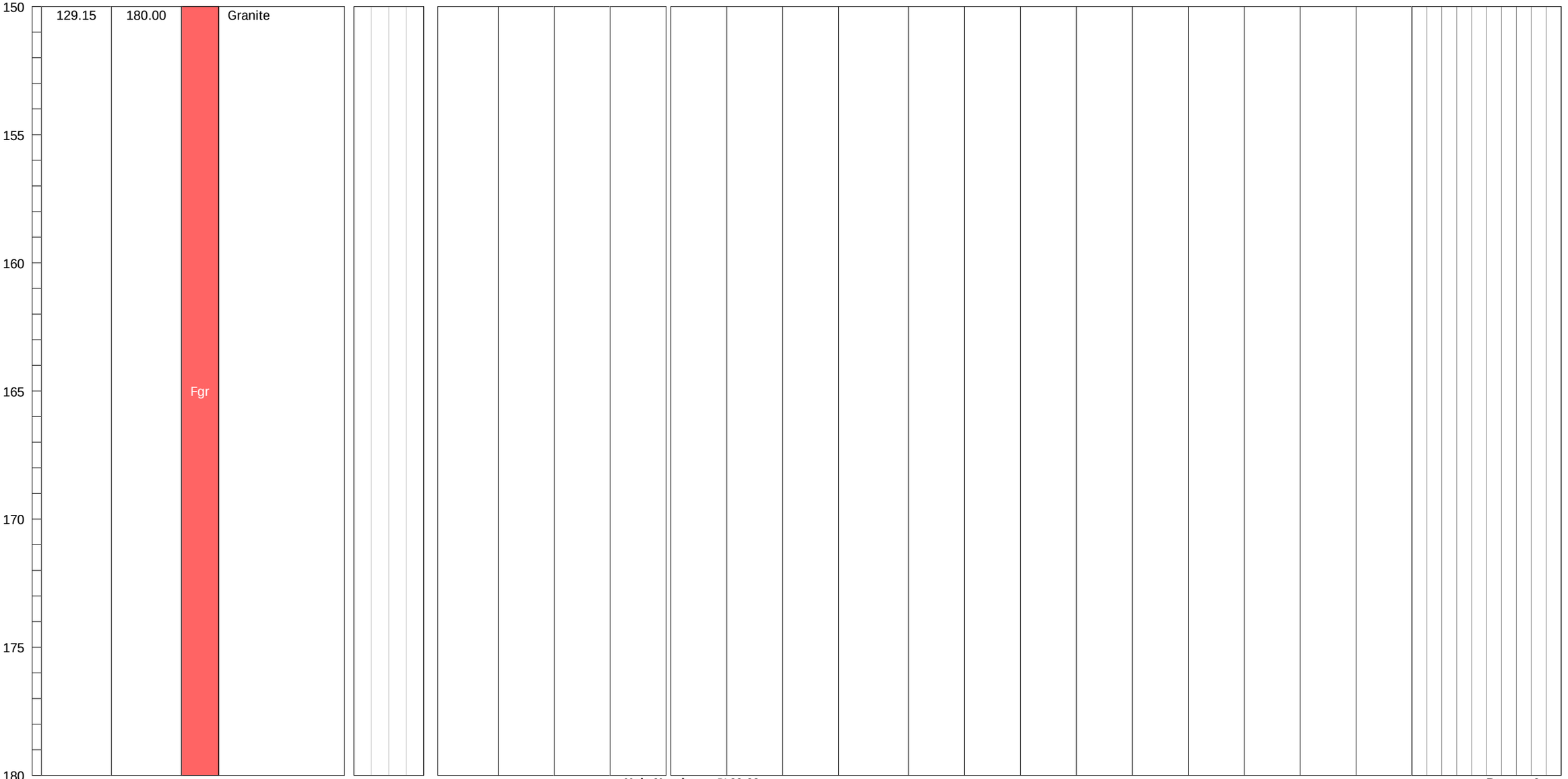
Drill Hole Logs

Coordinates (NAD 83, Zone 16)

Northing: 5402656.91
Easting: 357566.87
Elevation: 497.34

Azimuth: 0.0°
Dip: -90.00°
Final Depth: 180.00

Lithology From m	To m	Code	Rock description
129.15	180.00	Fgr	Granite



Appendix 2

Certificates of Analysis

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-APR-2009
Account: MGMAM

CERTIFICATE TB09036374

Project: SD09-087 BL

P.O. No.:

This report is for 94 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 27-APR-2009
Account: MGMAM

Project: SD09-087 BL

CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743303		4.87	<0.5	7.38	<5	610	2.4	<2	0.51	<0.5	17	110	15	4.08	20	1.91
H743304		4.13	<0.5	6.65	8	1140	2.4	<2	0.47	<0.5	11	63	70	2.79	20	2.49
H743305		3.90	<0.5	7.14	5	400	2.6	<2	0.40	<0.5	19	127	199	4.09	30	1.83
H743306		3.13	<0.5	6.89	<5	280	1.9	<2	0.38	<0.5	17	114	<1	3.96	20	1.45
H743307		1.36	<0.5	6.19	6	530	2.0	<2	0.41	<0.5	15	111	1	3.72	20	1.87
H743308		4.50	<0.5	3.94	14	280	1.5	<2	0.25	<0.5	12	78	56	2.61	10	0.99
H743309		4.24	<0.5	6.65	12	510	1.5	<2	1.35	<0.5	18	45	23	5.31	20	1.60
H743310		0.08	<0.5	6.59	<5	930	1.0	<2	1.37	<0.5	2	22	15	1.63	10	2.14
H743311		2.47	<0.5	7.22	9	500	2.3	<2	1.34	<0.5	24	52	7	5.88	20	1.32
H743312		3.80	<0.5	6.14	12	370	1.8	<2	4.14	<0.5	44	124	463	7.62	20	0.35
H743313		2.93	<0.5	2.59	25	60	0.9	<2	5.75	1.1	96	1000	468	9.06	20	0.15
H743314		4.78	<0.5	2.50	9	150	0.6	<2	4.84	<0.5	104	1240	330	9.49	10	0.23
H743315		4.85	<0.5	2.74	<5	180	0.7	2	4.50	<0.5	105	1465	272	9.48	10	0.26
H743316		4.19	<0.5	2.75	8	140	0.7	2	4.08	<0.5	113	1910	268	9.79	10	0.30
H743317		5.44	<0.5	2.96	<5	90	0.7	<2	4.11	0.8	111	1825	582	9.62	10	0.26
H743318		4.63	<0.5	2.22	<5	100	0.5	<2	3.10	<0.5	122	2180	642	10.05	10	0.26
H743319		2.24	<0.5	2.19	<5	110	0.5	2	2.91	<0.5	125	2250	386	10.05	10	0.29
H743320		2.20	<0.5	2.21	<5	110	0.5	2	2.89	<0.5	125	2280	359	10.25	10	0.30
H743321		4.96	<0.5	2.17	<5	100	0.5	<2	3.16	<0.5	128	2320	384	10.25	10	0.26
H743322		4.88	<0.5	2.00	5	90	<0.5	<2	2.72	<0.5	129	2420	298	10.25	10	0.25
H743323		4.81	<0.5	1.93	5	90	0.5	<2	2.60	<0.5	132	2560	233	10.25	10	0.27
H743324		4.83	<0.5	1.80	<5	90	<0.5	<2	2.47	<0.5	137	2640	467	10.45	10	0.26
H743325		4.97	<0.5	1.67	<5	80	<0.5	<2	2.26	<0.5	133	2670	309	10.15	10	0.25
H743326		5.10	<0.5	1.47	<5	70	<0.5	2	2.04	<0.5	136	2720	142	10.10	10	0.22
H743327		4.83	<0.5	1.32	20	70	<0.5	2	1.98	<0.5	134	2910	140	10.00	10	0.17
H743328		5.09	<0.5	1.32	14	60	<0.5	2	1.78	0.5	140	3070	143	10.30	10	0.19
H743329		5.00	<0.5	1.29	5	60	<0.5	<2	1.69	<0.5	144	3160	247	10.35	10	0.19
H743330		0.09	0.5	3.09	<5	160	0.7	2	3.39	<0.5	112	2470	813	9.49	10	0.33
H743331		4.93	<0.5	1.21	8	60	<0.5	<2	1.63	<0.5	145	3200	124	10.25	10	0.18
H743332		5.10	<0.5	1.23	17	60	<0.5	<2	1.61	<0.5	145	3070	111	10.40	10	0.17
H743333		4.90	<0.5	1.21	29	60	<0.5	<2	1.70	<0.5	143	3090	143	10.45	10	0.16
H743334		4.99	<0.5	1.23	18	60	<0.5	<2	1.53	<0.5	139	3100	140	10.25	10	0.16
H743335		4.53	<0.5	1.25	16	60	<0.5	2	1.69	0.6	144	3160	405	10.25	10	0.16
H743336		4.97	<0.5	1.26	<5	60	<0.5	<2	1.55	<0.5	144	3100	185	10.50	10	0.18
H743337		5.30	<0.5	1.23	77	80	<0.5	2	1.87	<0.5	138	2960	157	10.00	10	0.14
H743338		4.90	<0.5	1.26	74	80	<0.5	<2	1.68	0.6	136	2890	162	9.88	10	0.15
H743339		5.00	<0.5	1.20	<5	60	<0.5	<2	1.55	<0.5	141	3000	146	10.10	10	0.17
H743340		0.09	<0.5	6.18	<5	900	1.0	<2	1.34	<0.5	4	36	16	1.59	10	2.04
H743341		4.98	<0.5	1.32	<5	70	<0.5	<2	1.63	<0.5	152	3340	140	10.85	10	0.21
H743342		4.96	<0.5	1.38	48	80	<0.5	<2	1.79	<0.5	143	3300	225	10.30	10	0.16

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

Finalized Date: 27-APR-2009
Account: MGMAM

Project: SD09-087 BL

CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743303		30	1.86	370	<1	2.68	76	830	3	0.28	<5	11	212	<20	0.33	<10
H743304		20	1.33	266	1	2.59	40	780	<2	0.60	<5	7	181	<20	0.20	<10
H743305		20	2.26	459	<1	2.50	63	800	2	0.35	<5	12	113	<20	0.36	<10
H743306		30	2.25	469	<1	3.03	59	820	<2	0.13	<5	11	125	<20	0.34	<10
H743307		20	2.10	396	<1	2.03	63	680	<2	0.21	<5	10	96	<20	0.31	<10
H743308		10	1.48	326	1	1.10	52	480	<2	0.24	<5	7	54	<20	0.23	<10
H743309		30	2.23	604	<1	3.01	24	1310	2	0.32	<5	17	97	<20	0.86	<10
H743310		10	0.22	590	<1	2.72	3	190	5	<0.01	<5	5	180	<20	0.12	<10
H743311		30	3.10	736	<1	3.26	21	880	<2	0.14	<5	16	115	<20	0.79	<10
H743312		30	4.85	1775	<1	2.48	173	1120	21	0.39	<5	26	327	<20	1.39	<10
H743313		20	11.85	1690	<1	0.24	749	560	114	0.17	<5	26	131	<20	0.63	<10
H743314		10	12.70	1425	<1	0.43	755	570	2	0.17	<5	22	255	<20	0.62	<10
H743315		20	12.70	1405	<1	0.53	788	600	<2	0.18	<5	19	311	<20	0.69	<10
H743316		20	13.70	1420	<1	0.54	859	650	3	0.33	<5	17	351	<20	0.67	<10
H743317		20	13.15	1380	<1	0.71	910	730	6	0.34	<5	17	248	<20	0.70	<10
H743318		10	14.95	1430	<1	0.55	1140	460	<2	0.13	<5	15	281	<20	0.57	<10
H743319		20	15.45	1440	<1	0.61	1070	510	3	0.11	<5	14	271	<20	0.57	<10
H743320		20	15.65	1465	<1	0.61	1070	530	<2	0.10	<5	14	276	<20	0.57	<10
H743321		20	15.75	1475	<1	0.54	1100	510	2	0.11	<5	14	270	<20	0.56	<10
H743322		10	16.25	1475	<1	0.54	1130	450	<2	0.09	<5	13	254	<20	0.53	<10
H743323		10	16.65	1470	<1	0.50	1120	480	<2	0.10	<5	13	242	<20	0.50	<10
H743324		10	17.25	1480	<1	0.48	1250	430	<2	0.14	<5	13	222	<20	0.48	<10
H743325		10	17.00	1440	<1	0.43	1190	410	2	0.12	<5	12	203	<20	0.44	<10
H743326		10	17.45	1450	<1	0.31	1200	360	2	0.13	<5	11	180	<20	0.39	<10
H743327		10	17.40	1500	<1	0.27	1200	320	2	0.36	<5	10	174	<20	0.35	<10
H743328		10	18.10	1480	<1	0.30	1250	330	<2	0.21	<5	10	162	<20	0.35	<10
H743329		10	18.75	1475	<1	0.27	1340	320	<2	0.15	<5	10	155	<20	0.34	<10
H743330		20	13.35	1350	1	0.80	1220	670	3	0.29	<5	16	351	<20	0.77	<10
H743331		10	18.95	1460	<1	0.25	1300	300	<2	0.10	<5	9	146	<20	0.33	<10
H743332		10	19.05	1495	<1	0.27	1290	310	2	0.28	<5	9	155	<20	0.33	<10
H743333		10	18.95	1590	<1	0.27	1300	310	3	0.38	<5	9	153	<20	0.32	<10
H743334		10	18.50	1490	<1	0.30	1300	310	<2	0.28	<5	9	150	<20	0.34	<10
H743335		10	18.30	1495	<1	0.22	1400	320	<2	0.34	<5	9	177	<20	0.34	<10
H743336		10	19.10	1495	<1	0.26	1310	320	2	0.14	<5	9	155	<20	0.33	<10
H743337		10	18.15	1805	<1	0.27	1210	320	10	1.12	<5	8	184	<20	0.32	<10
H743338		10	18.05	1700	<1	0.24	1210	320	11	0.94	<5	8	205	<20	0.31	<10
H743339		10	18.70	1440	<1	0.24	1280	300	<2	0.14	<5	9	148	<20	0.32	<10
H743340		10	0.27	574	<1	2.61	10	190	8	<0.01	<5	5	176	<20	0.12	<10
H743341		10	20.2	1545	<1	0.26	1380	330	2	0.13	<5	9	156	<20	0.34	<10
H743342		10	18.90	1580	<1	0.24	1340	340	7	0.59	<5	9	174	<20	0.34	<10

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

Finalized Date: 27-APR-2009
Account: MGMAM

Project: SD09-087 BL

CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743303		<10	90	<10	60	0.002	0.0018	0.002			
H743304		10	50	<10	27	0.002	0.0010	0.001			
H743305		10	101	<10	59	0.002	0.0014	0.001			
H743306		10	100	<10	64	0.002	0.0015	0.001			
H743307		10	92	<10	55	0.002	0.0178	0.022			
H743308		<10	61	<10	41	0.005	0.0783	0.068			
H743309		<10	175	<10	82	0.002	0.0084	0.008			
H743310		10	16	<10	28	0.001	<0.0005	<0.001			
H743311		<10	183	<10	106	0.002	0.0007	0.001			
H743312		<10	270	<10	118	0.007	0.0406	0.024			
H743313		<10	144	<10	205	0.009	0.101	0.098			
H743314		<10	140	<10	97	0.008	0.110	0.103			
H743315		<10	150	<10	91	0.009	0.113	0.100			
H743316		<10	145	<10	101	0.007	0.0966	0.087			
H743317		<10	148	<10	199	0.012	0.186	0.179			
H743318		<10	127	<10	99	0.015	0.231	0.206			
H743319		<10	128	<10	100	0.010	0.135	0.113			
H743320		<10	129	<10	102	0.008	0.113	0.099			
H743321		<10	129	<10	103	0.010	0.140	0.122			
H743322		10	124	<10	103	0.008	0.105	0.091			
H743323		<10	120	<10	101	0.007	0.0932	0.085			
H743324		<10	115	<10	101	0.013	0.189	0.164			
H743325		<10	108	<10	99	0.010	0.130	0.111			
H743326		<10	100	<10	101	0.005	0.0590	0.048			
H743327		<10	93	<10	101	0.004	0.0619	0.054			
H743328		<10	93	<10	110	0.005	0.0754	0.065			
H743329		<10	91	<10	101	0.009	0.136	0.116			
H743330		<10	158	<10	105	0.122	0.409	0.368			
H743331		<10	88	<10	100	0.005	0.0680	0.061			
H743332		<10	86	<10	105	0.005	0.0550	0.045			
H743333		<10	84	<10	124	0.006	0.0795	0.072			
H743334		<10	83	<10	102	0.006	0.0690	0.058			
H743335		<10	84	<10	107	0.015	0.200	0.178			
H743336		<10	83	<10	106	0.007	0.111	0.088			
H743337		<10	78	<10	126	0.007	0.0881	0.075			
H743338		<10	79	<10	136	0.007	0.0759	0.070			
H743339		<10	80	<10	96	0.006	0.0699	0.062			
H743340		<10	15	<10	27	0.002	0.0006	<0.001			
H743341		<10	86	<10	103	0.005	0.0594	0.053			
H743342		<10	86	<10	140	0.007	0.0952	0.091			

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

Finalized Date: 27-APR-2009
Account: MGMAM

Project: SD09-087 BL

CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743343		5.04	<0.5	1.39	16	70	<0.5	<2	1.83	<0.5	145	3260	158	10.45	10	0.21
H743344		5.16	<0.5	1.36	5	60	<0.5	<2	1.68	<0.5	145	3220	171	10.30	10	0.21
H743345		4.87	<0.5	1.38	22	80	<0.5	<2	2.00	0.5	141	3420	178	9.97	10	0.20
H743345 CRD		<0.02	<0.5	1.40	31	70	<0.5	3	2.02	0.5	142	3340	168	9.99	10	0.21
H743346		4.83	<0.5	1.52	35	80	<0.5	2	2.17	<0.5	138	3270	170	9.66	10	0.19
H743347		4.88	<0.5	1.48	5	70	<0.5	<2	1.77	<0.5	141	3390	178	10.10	10	0.20
H743348		4.82	<0.5	1.49	<5	70	<0.5	<2	1.79	<0.5	140	3790	293	10.10	10	0.18
H743349		2.28	<0.5	1.49	<5	70	<0.5	<2	1.75	<0.5	149	4770	302	10.65	10	0.18
H743350		2.32	<0.5	1.39	<5	70	<0.5	2	1.63	<0.5	138	4500	253	9.98	10	0.17
H743351		4.93	<0.5	1.45	<5	70	<0.5	<2	1.73	<0.5	142	4120	160	10.30	10	0.16
H743352		4.84	<0.5	1.45	<5	70	<0.5	<2	1.71	<0.5	140	3470	189	10.20	10	0.17
H743353		4.87	<0.5	1.50	<5	80	<0.5	<2	1.76	<0.5	143	3380	281	10.30	10	0.18
H743354		4.73	<0.5	1.52	11	120	<0.5	<2	2.00	<0.5	141	3090	238	10.05	10	0.15
H743355		5.00	<0.5	1.54	<5	70	<0.5	<2	1.96	<0.5	135	2810	173	9.76	10	0.12
H743356		4.55	<0.5	1.61	7	70	<0.5	2	1.87	<0.5	141	3010	183	10.30	10	0.13
H743357		4.78	<0.5	1.48	15	90	<0.5	<2	2.03	<0.5	141	3210	537	10.25	10	0.13
H743358		4.75	<0.5	1.58	<5	70	<0.5	<2	1.83	<0.5	145	3250	259	10.75	10	0.17
H743359		4.86	<0.5	1.54	<5	70	<0.5	<2	1.85	<0.5	143	3020	310	10.35	10	0.17
H743360		0.09	0.7	3.11	<5	160	0.7	<2	3.43	<0.5	113	2510	812	9.58	10	0.33
H743361		4.61	<0.5	1.55	<5	80	<0.5	<2	1.78	<0.5	136	2810	192	9.94	10	0.18
H743362		4.54	<0.5	1.57	<5	80	<0.5	<2	1.75	<0.5	132	2950	118	9.60	10	0.17
H743363		4.67	<0.5	1.61	<5	80	<0.5	<2	1.87	<0.5	137	3120	205	9.95	10	0.18
H743364		4.40	<0.5	1.66	<5	80	<0.5	<2	1.87	<0.5	136	3200	196	9.94	10	0.18
H743365		4.54	<0.5	1.68	<5	110	<0.5	<2	1.90	<0.5	128	3130	186	9.43	10	0.17
H743366		4.62	<0.5	1.72	<5	80	<0.5	<2	1.92	<0.5	135	3390	223	9.87	10	0.18
H743367		4.65	<0.5	1.76	<5	80	<0.5	2	2.01	<0.5	137	3570	209	10.05	10	0.20
H743368		4.51	<0.5	1.71	5	80	<0.5	2	1.97	<0.5	133	3530	275	9.76	10	0.17
H743369		4.53	<0.5	1.75	14	80	<0.5	2	2.24	0.6	129	3630	156	9.59	10	0.16
H743370		0.09	<0.5	6.11	<5	900	0.9	<2	1.32	<0.5	3	51	17	1.58	10	2.04
H743371		4.41	<0.5	1.77	32	90	<0.5	<2	2.37	<0.5	126	3800	279	9.47	10	0.15
H743372		4.64	<0.5	1.81	<5	90	<0.5	<2	2.13	0.5	133	3990	303	9.86	10	0.18
H743373		4.50	<0.5	1.87	6	90	<0.5	<2	2.24	<0.5	130	3600	277	9.80	10	0.19
H743374		4.60	<0.5	2.07	12	90	<0.5	2	2.32	<0.5	118	3110	219	9.20	10	0.16
H743375		4.64	<0.5	2.00	<5	80	<0.5	<2	2.42	<0.5	127	3300	226	9.84	10	0.19
H743376		4.55	<0.5	2.19	<5	90	<0.5	<2	2.48	<0.5	121	3150	233	9.56	10	0.20
H743377		4.46	<0.5	2.37	<5	100	0.5	<2	2.74	<0.5	122	3160	174	9.82	10	0.25
H743378		2.24	<0.5	2.24	<5	100	<0.5	<2	2.53	<0.5	120	2960	861	9.40	10	0.22
H743379		1.04	0.8	2.38	<5	90	0.5	<2	2.57	0.6	150	2970	2300	10.70	10	0.21
H743380		1.09	1.2	2.31	<5	90	0.5	4	2.51	0.6	151	3020	2330	10.60	10	0.22
H743381		2.39	1.5	2.24	<5	80	<0.5	3	2.47	0.7	165	2790	3790	11.05	10	0.21

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Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743343		10	19.30	1490	<1	0.24	1360	340	5	0.27	<5	9	200	<20	0.35	<10
H743344		10	19.20	1465	<1	0.27	1380	340	2	0.10	<5	9	163	<20	0.35	<10
H743345		10	18.80	1540	<1	0.25	1350	380	<2	0.30	<5	9	227	<20	0.35	<10
H743345 CRD		10	18.85	1540	<1	0.24	1350	390	4	0.35	<5	9	245	<20	0.35	<10
H743346		10	18.70	1450	<1	0.22	1350	380	2	0.31	<5	9	211	<20	0.37	<10
H743347		10	19.45	1435	<1	0.27	1430	360	3	0.12	<5	10	181	<20	0.36	<10
H743348		10	19.00	1430	<1	0.29	1510	360	3	0.11	<5	10	181	<20	0.37	<10
H743349		10	19.75	1485	<1	0.29	1650	350	2	0.10	<5	10	174	<20	0.37	<10
H743350		10	18.60	1390	<1	0.27	1540	330	<2	0.08	<5	9	162	<20	0.35	<10
H743351		10	19.10	1450	<1	0.30	1430	330	<2	0.06	<5	10	178	<20	0.35	<10
H743352		10	18.60	1440	<1	0.30	1370	350	2	0.11	<5	9	175	<20	0.36	<10
H743353		10	18.70	1450	<1	0.30	1380	380	<2	0.12	<5	10	178	<20	0.38	<10
H743354		10	18.55	1455	<1	0.26	1330	380	3	0.20	<5	10	187	<20	0.37	<10
H743355		10	18.00	1435	<1	0.17	1260	380	3	0.21	<5	10	192	<20	0.40	<10
H743356		10	18.80	1460	<1	0.21	1330	400	3	0.20	<5	10	193	<20	0.41	<10
H743357		10	18.25	1585	<1	0.23	1480	390	6	0.41	<5	10	212	<20	0.37	<10
H743358		10	19.05	1515	<1	0.30	1370	360	3	0.12	<5	10	194	<20	0.39	<10
H743359		10	18.35	1450	<1	0.33	1310	400	<2	0.12	<5	10	192	<20	0.39	<10
H743360		20	13.50	1365	1	0.81	1220	670	4	0.30	<5	16	354	<20	0.77	<10
H743361		10	17.90	1395	<1	0.26	1230	400	3	0.07	<5	10	186	<20	0.41	<10
H743362		10	17.40	1350	<1	0.26	1220	370	3	0.04	<5	9	187	<20	0.39	<10
H743363		10	18.10	1450	<1	0.28	1310	380	2	0.13	<5	10	205	<20	0.41	<10
H743364		10	18.05	1400	<1	0.26	1330	440	<2	0.12	<5	10	204	<20	0.42	<10
H743365		10	17.20	1390	<1	0.25	1270	440	4	0.17	<5	10	200	<20	0.41	<10
H743366		10	17.85	1385	<1	0.29	1350	430	<2	0.07	<5	10	211	<20	0.44	<10
H743367		10	18.20	1415	<1	0.34	1400	440	2	0.06	<5	11	211	<20	0.46	<10
H743368		10	17.55	1370	<1	0.29	1370	390	3	0.12	<5	10	206	<20	0.44	<10
H743369		10	17.30	1540	<1	0.32	1310	400	3	0.29	<5	10	252	<20	0.44	<10
H743370		10	0.26	572	<1	2.60	10	180	9	<0.01	<5	5	173	<20	0.12	<10
H743371		10	16.85	1555	<1	0.33	1370	410	8	0.52	<5	10	268	<20	0.44	<10
H743372		10	17.40	1380	<1	0.31	1440	440	2	0.17	<5	11	212	<20	0.46	<10
H743373		10	16.95	1375	<1	0.34	1360	410	<2	0.18	<5	11	226	<20	0.47	<10
H743374		10	15.50	1340	<1	0.38	1170	420	6	0.26	<5	11	956	<20	0.49	<10
H743375		10	16.25	1360	<1	0.44	1220	470	3	0.15	<5	12	243	<20	0.51	<10
H743376		10	15.40	1355	<1	0.43	1160	450	2	0.19	<5	12	251	<20	0.54	<10
H743377		10	15.70	1390	<1	0.46	1160	530	3	0.15	<5	13	289	<20	0.59	<10
H743378		10	14.25	1270	<1	0.40	1280	470	3	0.26	<5	12	257	<20	0.57	<10
H743379		10	14.85	1340	<1	0.44	1900	520	5	0.93	<5	13	222	<20	0.60	<10
H743380		10	14.70	1325	<1	0.43	1910	510	6	0.93	<5	13	210	<20	0.60	<10
H743381		10	14.05	1205	<1	0.45	2430	480	8	1.49	<5	13	215	<20	0.57	10

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CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743343		<10	89	<10	102	0.007	0.0796	0.068			
H743344		<10	87	<10	98	0.006	0.0913	0.079			
H743345		<10	88	<10	168	0.007	0.108	0.090			
H743345 CRD		<10	90	<10	161	0.006	0.0943	0.087			
H743346		<10	89	<10	109	0.007	0.0991	0.089			
H743347		<10	91	<10	97	0.007	0.108	0.090			
H743348		<10	95	<10	99	0.010	0.163	0.139			
H743349		<10	101	<10	105	0.011	0.162	0.141			
H743350		<10	94	<10	97	0.009	0.136	0.120			
H743351		<10	93	<10	100	0.006	0.104	0.078			
H743352		<10	91	<10	98	0.007	0.113	0.097			
H743353		<10	93	<10	98	0.011	0.182	0.149			
H743354		<10	91	<10	112	0.010	0.152	0.129			
H743355		<10	94	<10	104	0.008	0.122	0.109			
H743356		<10	96	<10	102	0.007	0.112	0.095			
H743357		<10	93	<10	113	0.016	0.258	0.235			
H743358		<10	96	<10	103	0.009	0.132	0.110			
H743359		<10	93	<10	97	0.012	0.159	0.138			
H743360		<10	158	<10	105	0.123	0.403	0.370			
H743361		<10	91	<10	94	0.008	0.0937	0.085			
H743362		<10	89	<10	91	0.005	0.0606	0.049			
H743363		<10	95	<10	106	0.007	0.0972	0.083			
H743364		<10	96	<10	94	0.007	0.0980	0.082			
H743365		<10	92	<10	93	0.007	0.0934	0.080			
H743366		<10	97	<10	94	0.008	0.112	0.089			
H743367		<10	104	<10	99	0.007	0.0979	0.080			
H743368		<10	101	<10	93	0.010	0.147	0.123			
H743369		<10	103	<10	153	0.006	0.0731	0.059			
H743370		<10	16	<10	27	0.001	<0.0005	<0.001			
H743371		<10	105	<10	164	0.010	0.146	0.116			
H743372		<10	112	<10	97	0.013	0.180	0.144			
H743373		<10	115	<10	99	0.012	0.135	0.112			
H743374		<10	110	<10	98	0.009	0.123	0.102			
H743375		<10	122	<10	95	0.007	0.0863	0.074			
H743376		<10	124	<10	109	0.007	0.0935	0.079			
H743377		<10	134	<10	99	0.005	0.0609	0.046			
H743378		<10	127	<10	91	0.033	0.513	0.503			
H743379		<10	133	<10	93	0.076	>1.00	>1.00	0.08	1.33	1.27
H743380		<10	133	<10	99	0.077	>1.00	>1.00	0.08	1.38	1.31
H743381		<10	130	<10	89	0.125	>1.00	>1.00	0.14	2.46	2.36

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Finalized Date: 27-APR-2009
Account: MGMAM

Project: SD09-087 BL

CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743382		2.46	1.4	2.40	5	90	0.5	3	2.79	0.6	140	2750	3130	10.40	10	0.24
H743383		2.39	<0.5	2.76	5	120	0.5	<2	3.15	<0.5	120	2600	907	10.05	10	0.29
H743384		2.37	<0.5	2.99	<5	110	0.6	<2	3.59	0.5	115	2360	1040	10.10	10	0.31
H743385		2.40	<0.5	2.96	6	130	0.6	<2	3.38	0.5	111	2320	551	9.63	10	0.32
H743385 CRD		<0.02	<0.5	2.94	<5	130	0.6	<2	3.36	<0.5	106	2260	524	9.43	10	0.31
H743386		2.42	<0.5	3.10	<5	130	0.6	<2	3.42	<0.5	105	2180	228	9.45	10	0.36
H743387		2.45	<0.5	3.35	<5	140	0.7	<2	3.69	<0.5	106	2120	344	9.72	20	0.41
H743388		2.38	<0.5	3.48	<5	190	0.7	<2	3.85	<0.5	101	1940	280	9.50	10	0.41
H743389		2.42	<0.5	3.81	13	150	0.8	<2	4.01	1.6	94	1650	284	9.35	20	0.52
H743390		0.09	0.5	3.06	<5	160	0.7	<2	3.42	<0.5	113	2570	810	9.54	10	0.33
H743391		2.81	<0.5	4.13	6	90	1.3	<2	3.70	<0.5	94	1500	563	9.61	20	0.61
H743392		1.11	<0.5	4.66	163	80	1.6	<2	3.09	<0.5	94	1240	130	8.23	20	0.74
H743393		3.57	<0.5	7.94	6	710	1.5	<2	0.71	<0.5	24	149	20	4.61	20	2.45
H743394		4.56	<0.5	7.81	9	510	1.3	<2	0.83	<0.5	23	131	49	4.57	20	1.93

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To: **MAGMA METALS (CANADA) LIMITED**
P.O. BOX 10628
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Project: SD09-087 BL

CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743382		10	14.20	1285	<1	0.47	1920	540	8	0.96	<5	13	256	<20	0.62	<10
H743383		20	14.45	1360	<1	0.57	1230	560	3	0.38	<5	14	319	<20	0.69	<10
H743384		20	13.50	1320	<1	0.56	1130	610	4	0.27	<5	15	290	<20	0.75	<10
H743385		20	13.30	1340	<1	0.63	993	660	2	0.23	<5	15	358	<20	0.75	<10
H743385 CRD		20	13.10	1320	<1	0.62	974	660	2	0.22	<5	14	355	<20	0.73	<10
H743386		20	12.90	1320	<1	0.70	904	670	3	0.10	<5	15	366	<20	0.76	<10
H743387		20	12.75	1355	<1	0.74	947	700	3	0.16	<5	16	362	<20	0.81	<10
H743388		20	11.95	1330	<1	0.69	850	730	4	0.24	<5	16	420	<20	0.86	<10
H743389		20	11.25	1575	<1	0.71	773	860	310	0.52	<5	17	299	<20	0.92	<10
H743390		20	13.35	1355	1	0.79	1220	670	4	0.30	<5	16	348	<20	0.77	<10
H743391		20	11.00	1560	<1	0.91	803	550	5	0.84	<5	20	305	<20	1.00	<10
H743392		20	10.55	1330	1	1.08	844	420	6	1.56	<5	23	88	<20	0.94	<10
H743393		20	2.09	412	<1	2.75	102	920	<2	0.48	<5	17	221	<20	0.45	<10
H743394		30	1.66	454	<1	2.46	79	820	9	0.33	<5	15	293	<20	0.40	<10

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

Finalized Date: 27-APR-2009
Account: MGMAM

Project: SD09-087 BL

CERTIFICATE OF ANALYSIS TB09036374

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H743382		<10	138	<10	93	0.124	>1.00	>1.00	0.13	2.04	1.84
H743383		<10	150	<10	97	0.037	0.494	0.432			
H743384		<10	156	<10	91	0.048	0.623	0.554			
H743385		<10	158	<10	97	0.027	0.322	0.266			
H743385 CRD		<10	156	<10	94	0.025	0.297	0.252			
H743386		<10	161	<10	94	0.007	0.0860	0.062			
H743387		<10	171	<10	98	0.009	0.113	0.101			
H743388		<10	177	<10	96	0.009	0.0977	0.081			
H743389		<10	187	<10	244	0.009	0.0930	0.080			
H743390		<10	161	<10	105	0.123	0.393	0.359			
H743391		<10	206	<10	115	0.015	0.190	0.168			
H743392		<10	200	<10	108	0.023	0.197	0.187			
H743393		<10	143	<10	28	0.003	0.0118	0.011			
H743394		<10	127	<10	43	0.002	0.0021	0.002			

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THUNDER BAY ON P7B 6V1

Finalized Date: 30-APR-2009
Account: MGMAM

CERTIFICATE TB09036378

Project: SD09-088 BL

P.O. No.:

This report is for 59 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: SD09-088 BL

CERTIFICATE OF ANALYSIS TB09036378

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743395		3.33	<0.5	7.29	11	130	2.4	<2	0.44	<0.5	26	132	14	4.04	20	2.18
H743396		4.27	<0.5	7.24	7	140	2.0	<2	0.36	0.5	19	124	125	3.59	20	1.97
H743397		3.78	0.5	6.34	7	160	1.8	2	0.83	1.9	16	83	14	4.60	20	1.66
H743398		4.50	<0.5	7.26	10	180	1.7	<2	0.47	<0.5	16	120	4	3.78	20	1.76
H743399		4.01	<0.5	6.56	6	1540	2.0	<2	0.28	<0.5	8	49	12	2.39	20	3.85
H743400		0.09	<0.5	6.29	6	910	1.0	<2	1.36	<0.5	3	26	15	1.59	10	2.12
H743401		4.03	0.5	6.90	5	310	2.3	<2	0.57	2.7	14	60	30	4.71	20	2.25
H743402		3.34	0.5	7.43	6	110	1.8	2	0.39	0.7	21	99	24	6.47	20	1.57
H743403		3.25	<0.5	6.84	6	300	1.8	<2	0.41	<0.5	21	107	14	4.98	20	1.46
H743404		2.94	<0.5	6.77	15	180	1.9	<2	4.72	<0.5	45	238	49	6.98	20	0.50
H743405		1.31	<0.5	6.59	13	550	1.9	<2	0.70	<0.5	21	104	9	3.78	30	2.27
H743406		4.46	<0.5	6.86	5	200	2.3	<2	0.47	<0.5	15	74	13	4.92	20	1.73
H743407		4.57	<0.5	6.75	9	880	1.9	<2	0.60	1.2	14	88	669	3.51	20	2.85
H743408		4.49	<0.5	7.13	13	590	2.0	<2	1.31	<0.5	17	113	80	4.52	20	1.90
H743409		2.16	<0.5	7.21	17	580	2.2	<2	0.52	<0.5	18	108	29	3.77	30	2.33
H743410		2.13	<0.5	7.23	19	590	2.2	<2	0.52	<0.5	18	109	16	3.80	20	2.42
H743411		4.46	<0.5	5.75	15	470	1.8	<2	0.71	<0.5	16	149	15	3.47	20	2.14
H743412		4.30	<0.5	4.76	8	460	1.8	<2	0.49	<0.5	10	75	24	2.20	20	1.75
H743413		3.88	<0.5	4.68	7	350	1.7	<2	0.76	<0.5	9	92	16	1.95	20	1.48
H743414		3.70	<0.5	4.33	8	530	1.5	<2	0.33	<0.5	7	67	13	2.08	10	2.05
H743415		4.19	<0.5	3.33	10	210	1.3	<2	0.85	<0.5	14	117	158	2.83	<10	0.80
H743416		3.48	<0.5	3.72	28	50	1.4	<2	4.35	<0.5	90	1030	336	9.15	10	0.23
H743417		4.44	<0.5	3.33	6	60	0.9	<2	4.01	<0.5	98	1300	335	9.05	10	0.29
H743418		4.31	<0.5	3.18	22	60	0.8	<2	3.83	<0.5	104	1450	501	9.48	10	0.25
H743419		2.27	0.6	3.06	49	110	0.7	<2	3.62	0.7	108	1630	520	9.57	10	0.27
H743420		0.09	0.5	3.07	5	150	0.7	<2	3.32	<0.5	113	2410	815	9.34	10	0.32
H743421		2.23	<0.5	3.02	12	20	0.7	<2	3.46	<0.5	113	1690	486	9.64	10	0.16
H743422		2.30	1.5	2.71	33	30	0.8	<2	3.14	<0.5	134	1670	2570	10.30	10	0.17
H743423		2.28	1.3	2.99	68	30	0.8	<2	2.73	<0.5	119	1500	1510	9.90	10	0.15
H743424		2.29	1.1	2.76	39	150	0.8	<2	2.68	<0.5	124	1500	1730	9.68	10	0.15
H743425		2.25	1.3	2.38	16	70	<0.5	<2	2.73	<0.5	147	2710	2120	10.80	10	0.15
H743426		1.96	1.3	2.27	23	50	0.6	<2	2.21	<0.5	146	2520	1995	10.45	10	0.16
H743427		2.21	2.3	2.39	17	60	0.5	<2	1.49	<0.5	169	2610	3350	11.05	10	0.19
H743428		2.36	2.1	2.41	<5	80	<0.5	<2	2.05	<0.5	156	2860	2900	11.20	10	0.20
H743429		2.18	1.2	2.43	5	120	0.5	<2	2.18	<0.5	157	3200	1805	11.40	<10	0.25
H743430		0.09	<0.5	6.21	<5	900	1.0	<2	1.35	<0.5	2	22	19	1.58	10	2.11
H743431		3.93	1.2	2.33	30	110	0.5	<2	1.70	<0.5	158	3010	1285	11.35	10	0.23
H743432		1.73	1.3	2.22	47	90	0.8	<2	1.17	<0.5	163	2410	1865	11.10	10	0.21
H743433		1.76	1.9	2.24	26	70	0.9	<2	1.46	<0.5	170	2700	2690	11.30	10	0.20
H743434		2.21	1.5	2.40	6	80	0.6	<2	1.87	<0.5	172	2780	2360	11.60	10	0.23

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CERTIFICATE OF ANALYSIS TB09036378

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743395		10	2.00	324	<1	2.17	81	770	13	2.61	<5	12	91	<20	0.41	<10
H743396		10	1.78	334	<1	2.00	63	630	67	2.04	<5	12	89	<20	0.29	<10
H743397		10	2.28	395	<1	1.66	69	610	162	3.41	<5	12	73	<20	0.21	<10
H743398		20	2.03	429	<1	2.43	60	690	55	1.80	<5	11	132	<20	0.31	<10
H743399		<10	1.04	226	<1	1.53	23	580	7	1.48	<5	6	126	<20	0.25	<10
H743400		10	0.20	605	<1	2.68	1	180	7	<0.01	<5	5	173	<20	0.12	<10
H743401		10	2.13	315	<1	1.18	53	590	222	4.14	<5	9	71	<20	0.20	<10
H743402		10	3.32	461	<1	1.30	89	710	107	5.40	<5	13	61	<20	0.31	<10
H743403		10	2.85	400	<1	1.91	66	790	53	3.15	<5	11	86	<20	0.53	<10
H743404		30	4.25	938	<1	2.17	114	1450	14	2.58	6	23	119	<20	1.64	<10
H743405		20	2.05	370	<1	2.00	53	830	10	2.09	<5	11	121	<20	0.54	<10
H743406		10	2.65	338	<1	1.57	58	690	9	3.68	<5	15	84	<20	0.23	<10
H743407		10	1.73	289	1	2.28	41	830	30	2.02	<5	11	161	<20	0.50	<10
H743408		20	2.24	453	<1	2.56	51	730	10	2.36	<5	11	200	<20	0.54	<10
H743409		20	1.89	430	<1	2.38	52	640	11	2.10	<5	10	199	<20	0.35	<10
H743410		20	1.86	416	<1	2.25	51	640	14	2.19	<5	11	188	<20	0.38	<10
H743411		10	1.91	255	<1	1.66	77	650	13	1.63	<5	9	108	<20	0.41	<10
H743412		10	1.14	164	2	1.38	56	480	7	0.88	5	5	79	<20	0.20	<10
H743413		10	1.33	169	<1	1.32	58	520	2	0.29	<5	6	65	<20	0.23	<10
H743414		10	1.59	159	5	0.50	27	380	<2	0.33	<5	5	47	<20	0.17	<10
H743415		10	2.13	272	1	0.51	82	500	2	0.56	<5	8	35	<20	0.34	<10
H743416		20	11.45	1520	<1	0.57	666	840	22	0.76	<5	18	125	<20	0.84	<10
H743417		20	12.00	1405	<1	0.35	748	760	4	0.17	<5	17	186	<20	0.83	<10
H743418		20	12.70	1530	<1	0.23	870	680	7	0.52	<5	17	139	<20	0.79	<10
H743419		10	13.35	1520	<1	0.20	916	630	2	1.57	<5	17	119	<20	0.70	<10
H743420		20	13.50	1350	<1	0.74	1195	660	3	0.31	<5	15	344	<20	0.76	<10
H743421		20	13.70	1485	<1	0.11	898	680	2	0.27	<5	17	61	<20	0.72	<10
H743422		20	13.50	1350	<1	0.13	1540	680	4	2.07	<5	16	61	<20	0.63	<10
H743423		20	13.60	1360	<1	0.10	1145	660	<2	2.96	<5	16	125	<20	0.62	<10
H743424		20	13.05	1315	<1	0.11	1350	620	3	1.74	<5	15	117	<20	0.61	<10
H743425		10	15.10	1410	<1	0.26	1900	400	3	1.21	<5	14	190	<20	0.64	<10
H743426		10	15.25	1610	<1	0.21	1840	550	2	1.44	<5	12	138	<20	0.62	<10
H743427		10	15.10	1535	<1	0.22	2450	490	5	1.29	<5	11	147	<20	0.61	<10
H743428		10	15.90	1385	<1	0.26	2100	500	5	1.15	<5	11	180	<20	0.61	<10
H743429		10	15.25	1405	<1	0.29	1755	530	4	0.65	<5	10	239	<20	0.65	<10
H743430		10	0.21	601	<1	2.67	4	180	4	<0.01	<5	5	174	<20	0.12	<10
H743431		10	15.60	1590	<1	0.24	1580	540	3	0.81	<5	11	169	<20	0.60	<10
H743432		10	14.95	1710	<1	0.26	1795	490	6	1.74	<5	10	140	<20	0.54	<10
H743433		10	15.50	1690	<1	0.26	2190	470	8	1.82	<5	10	151	<20	0.56	<10
H743434		10	15.50	1445	<1	0.32	2050	480	5	1.47	<5	11	191	<20	0.61	<10

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

Finalized Date: 30-APR-2009
Account: MGMAM

Project: SD09-088 BL

CERTIFICATE OF ANALYSIS TB09036378

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743395		<10	119	<10	60	0.002	0.0035	0.003			
H743396		<10	87	<10	126	0.001	0.0027	0.002			
H743397		<10	66	<10	368	<0.001	0.0013	0.001			
H743398		<10	93	<10	142	0.001	0.0020	0.002			
H743399		10	51	<10	29	0.001	0.0083	0.006			
H743400		<10	16	<10	28	0.001	<0.0005	<0.001			
H743401		<10	54	<10	620	0.001	0.0037	0.003			
H743402		<10	86	<10	245	0.001	0.0033	0.003			
H743403		<10	112	<10	88	0.001	0.0028	0.002			
H743404		<10	284	<10	105	0.002	0.0078	0.005			
H743405		<10	105	<10	43	0.001	0.0032	0.002			
H743406		<10	76	<10	58	0.002	0.0023	0.002			
H743407		<10	100	<10	230	0.001	0.0035	0.002			
H743408		<10	120	<10	69	0.002	0.0027	0.002			
H743409		<10	91	<10	64	0.001	0.0027	0.003			
H743410		<10	94	<10	59	0.001	0.0028	0.003			
H743411		<10	87	<10	35	0.003	0.0282	0.021			
H743412		<10	41	<10	21	0.003	0.0644	0.060			
H743413		<10	47	<10	19	0.002	0.0537	0.047			
H743414		<10	40	<10	24	0.002	0.0202	0.017			
H743415		<10	72	<10	35	0.003	0.0865	0.088			
H743416		<10	175	<10	205	0.008	0.0855	0.090			
H743417		<10	164	<10	104	0.009	0.0999	0.102			
H743418		<10	164	<10	118	0.014	0.177	0.181			
H743419		<10	156	<10	113	0.009	0.140	0.141			
H743420		<10	158	<10	99	0.126	0.373	0.362			
H743421		<10	160	<10	88	0.011	0.148	0.148			
H743422		<10	149	<10	101	0.066	0.956	0.953			
H743423		<10	150	<10	106	0.041	0.560	0.549			
H743424		<10	135	<10	98	0.044	0.647	0.657			
H743425		<10	145	<10	97	0.047	0.678	0.651			
H743426		<10	128	<10	109	0.042	0.594	0.581			
H743427		<10	124	<10	101	0.081	>1.00	>1.00	0.08	1.23	1.21
H743428		<10	122	<10	107	0.079	>1.00	>1.00	0.08	1.15	1.06
H743429		<10	131	<10	120	0.057	0.674	0.631			
H743430		<10	16	<10	30	0.002	0.0031	0.003			
H743431		<10	131	<10	127	0.032	0.394	0.388			
H743432		<10	117	<10	137	0.040	0.631	0.627			
H743433		<10	118	<10	164	0.063	0.936	0.925			
H743434		<10	127	<10	123	0.058	0.809	0.820			

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

Finalized Date: 30-APR-2009
Account: MGMAM

Project: SD09-088 BL

CERTIFICATE OF ANALYSIS TB09036378

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743435		2.27	1.5	2.40	10	80	0.6	<2	1.80	<0.5	169	2650	2380	11.45	10	0.25
H743435 CRD		<0.02	1.7	2.35	10	80	0.6	<2	1.84	<0.5	168	2760	2350	11.40	<10	0.24
H743436		2.15	1.9	2.42	8	100	0.6	<2	1.72	0.5	168	2880	2590	11.45	10	0.29
H743437		2.06	2.0	2.38	5	100	0.6	<2	1.81	<0.5	160	2900	2500	11.15	10	0.32
H743438		1.99	1.7	2.50	<5	90	0.5	<2	2.26	<0.5	160	3150	2270	11.15	10	0.27
H743439		1.03	1.0	2.58	12	90	0.6	<2	2.14	<0.5	142	2700	1170	10.55	10	0.28
H743440		0.76	1.0	2.62	10	80	0.6	<2	2.27	<0.5	143	2720	1355	10.55	<10	0.27
H743441		1.75	0.7	2.85	22	120	0.7	<2	1.88	<0.5	142	2360	1075	10.60	10	0.35
H743442		2.07	0.5	2.87	9	120	0.7	<2	2.23	<0.5	130	1940	495	10.15	10	0.39
H743443		2.36	0.6	2.89	19	120	0.6	<2	2.02	<0.5	135	2250	723	10.65	10	0.41
H743444		2.12	0.7	3.20	11	140	0.8	<2	2.04	<0.5	137	2530	1020	10.85	10	0.48
H743445		1.95	0.8	3.50	21	140	1.0	<2	1.83	<0.5	119	1980	1320	10.30	10	0.68
H743446		3.06	<0.5	4.40	12	100	1.1	<2	2.91	<0.5	103	1810	685	9.78	10	0.51
H743447		3.49	0.6	6.63	6	550	2.3	<2	0.49	<0.5	3	13	44	1.19	20	2.96
H743448		2.28	<0.5	7.47	7	390	4.3	<2	0.75	<0.5	20	123	96	3.95	20	2.04
H743449		2.33	<0.5	8.02	<5	370	5.0	<2	0.66	<0.5	17	100	25	3.31	30	1.99
H743450		0.09	0.9	3.12	6	150	0.7	<2	3.41	<0.5	116	2500	828	9.60	10	0.33
H743451		3.99	<0.5	6.74	5	410	2.4	<2	0.26	<0.5	1	19	4	0.70	30	3.34
H743452		3.86	<0.5	6.84	<5	350	2.0	<2	0.25	<0.5	1	11	2	0.64	30	3.98

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

Finalized Date: 30-APR-2009
Account: MGMAM

Project: SD09-088 BL

CERTIFICATE OF ANALYSIS TB09036378

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743435		10	15.25	1475	<1	0.31	2010	520	4	1.38	<5	11	199	<20	0.58	<10
H743435 CRD		10	15.45	1460	<1	0.30	2050	520	6	1.33	<5	10	191	<20	0.58	<10
H743436		10	15.10	1425	<1	0.34	2060	550	6	1.75	<5	11	181	<20	0.60	<10
H743437		10	14.75	1420	<1	0.32	2010	480	5	1.65	<5	11	179	<20	0.62	<10
H743438		10	15.10	1390	<1	0.34	2100	550	7	1.26	<5	12	210	<20	0.67	<10
H743439		10	15.05	1410	<1	0.36	1640	650	3	0.82	<5	12	197	<20	0.67	<10
H743440		10	15.00	1385	<1	0.36	1680	620	3	0.83	<5	12	209	<20	0.68	<10
H743441		20	15.20	1580	<1	0.42	1585	810	4	1.00	<5	12	214	<20	0.74	<10
H743442		20	14.85	1405	<1	0.49	1305	590	3	0.63	<5	12	248	<20	0.70	<10
H743443		20	15.00	1480	<1	0.44	1395	540	4	0.79	<5	13	216	<20	0.74	<10
H743444		20	14.00	1515	1	0.47	1460	680	4	0.86	<5	13	227	<20	0.79	<10
H743445		30	12.75	1455	2	0.44	1230	860	6	1.93	<5	14	141	<20	0.84	<10
H743446		20	11.20	1380	<1	0.74	939	860	8	1.05	<5	16	219	<20	0.97	<10
H743447		10	0.47	152	<1	3.07	25	500	14	0.43	<5	2	203	<20	0.04	<10
H743448		20	1.93	494	<1	2.60	132	790	31	1.46	<5	11	180	<20	0.33	<10
H743449		20	1.53	325	<1	3.02	71	760	13	1.07	<5	12	249	<20	0.32	<10
H743450		20	13.85	1385	<1	0.76	1235	680	4	0.31	<5	16	349	<20	0.77	<10
H743451		<10	0.21	283	<1	2.51	12	470	9	0.29	<5	2	157	<20	0.02	<10
H743452		<10	0.15	105	<1	2.36	6	490	12	0.38	<5	3	181	<20	0.03	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 30-APR-2009
Account: MGMAM

Project: SD09-088 BL

CERTIFICATE OF ANALYSIS TB09036378

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H743435		<10	122	<10	119	0.054	0.676	0.673			
H743435 CRD		<10	122	<10	118	0.060	0.744	0.746			
H743436		<10	130	<10	121	0.067	0.791	0.794			
H743437		<10	130	<10	110	0.074	0.839	0.805			
H743438		<10	141	<10	108	0.056	0.668	0.650			
H743439		<10	139	<10	105	0.032	0.368	0.346			
H743440		<10	140	<10	103	0.035	0.416	0.402			
H743441		<10	146	<10	107	0.028	0.320	0.304			
H743442		<10	140	<10	102	0.014	0.150	0.143			
H743443		<10	146	<10	109	0.021	0.238	0.236			
H743444		<10	161	<10	106	0.024	0.291	0.291			
H743445		<10	173	<10	133	0.033	0.424	0.387			
H743446		<10	189	<10	173	0.017	0.182	0.173			
H743447		10	7	<10	15	0.002	0.0126	0.010			
H743448		<10	98	<10	87	0.003	0.0118	0.020			
H743449		<10	99	<10	41	0.003	0.0020	0.005			
H743450		<10	159	<10	104	0.128	0.378	0.352			
H743451		10	2	<10	6	0.003	0.0020	0.008			
H743452		10	2	<10	5	0.002	0.0009	0.002			

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

Finalized Date: 1-MAY-2009
Account: MGMAM

CERTIFICATE TB09036379

Project: SD09-089 BL

P.O. No.:

This report is for 45 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - 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

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 1-MAY-2009
Account: MGMAM

Project: SD09-089 BL

CERTIFICATE OF ANALYSIS TB09036379

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743453		4.30	<0.5	7.43	10	360	2.3	<2	0.97	<0.5	24	134	52	4.70	20	1.21
H743454		2.92	<0.5	7.27	7	420	2.6	<2	0.83	<0.5	22	109	59	4.66	20	1.29
H743455		2.59	<0.5	7.37	9	530	2.5	<2	0.71	<0.5	21	117	32	4.21	20	1.45
H743456		3.76	<0.5	4.55	12	140	1.9	<2	3.71	<0.5	42	353	242	6.29	10	0.50
H743457		3.87	<0.5	7.26	11	370	4.7	<2	0.98	<0.5	24	226	69	5.27	20	1.70
H743458		2.07	<0.5	6.97	10	190	5.0	<2	0.61	<0.5	18	129	12	4.17	20	1.22
H743459		3.06	<0.5	7.60	15	440	3.6	<2	0.90	<0.5	24	109	8	4.54	20	1.90
H743460		0.09	<0.5	6.28	5	880	1.0	<2	1.34	<0.5	2	17	16	1.56	10	2.03
H743461		2.65	<0.5	3.63	13	80	1.1	<2	3.52	<0.5	89	632	190	8.62	10	0.30
H743462		2.15	<0.5	2.99	16	80	0.8	<2	2.75	<0.5	103	491	171	9.12	10	0.32
H743463		4.94	<0.5	3.27	9	300	0.9	<2	2.90	<0.5	97	740	391	9.00	10	0.59
H743464		4.51	0.5	3.30	5	120	0.8	<2	4.64	<0.5	94	924	420	8.57	10	0.32
H743465		3.51	<0.5	3.48	13	180	0.7	<2	3.78	<0.5	86	1260	295	8.52	10	0.34
H743466		4.34	<0.5	3.06	8	140	0.7	<2	3.80	<0.5	105	1660	456	9.67	10	0.35
H743467		2.19	<0.5	2.90	<5	140	0.7	<2	3.51	<0.5	105	1660	435	9.30	10	0.36
H743468		2.11	<0.5	2.78	13	130	0.6	<2	3.37	<0.5	117	1980	745	9.87	<10	0.36
H743469		1.30	<0.5	2.92	<5	130	0.6	<2	3.58	<0.5	110	1820	349	9.64	<10	0.37
H743470		1.15	<0.5	2.90	<5	130	0.6	<2	3.51	<0.5	109	1760	370	9.46	<10	0.37
H743471		2.35	<0.5	2.91	<5	140	0.7	<2	3.52	<0.5	102	1710	246	9.30	10	0.36
H743472		2.05	<0.5	2.97	<5	120	0.7	<2	3.34	<0.5	104	1740	332	9.33	<10	0.31
H743473		2.36	<0.5	3.07	<5	110	0.7	<2	3.48	<0.5	101	1700	171	9.23	<10	0.32
H743474		2.19	<0.5	3.16	<5	150	0.8	<2	3.48	<0.5	105	1810	212	9.60	10	0.38
H743475		2.38	<0.5	3.00	6	110	0.8	<2	3.19	<0.5	104	1700	208	9.63	<10	0.37
H743476		1.94	2.7	3.03	<5	140	0.8	<2	2.50	<0.5	130	2130	3930	10.00	<10	0.37
H743477		2.20	4.3	2.47	6	90	0.7	<2	2.15	0.5	215	2230	7770	12.55	<10	0.24
H743478		2.41	5.4	2.81	8	80	0.6	<2	2.94	0.5	182	1820	8460	11.85	<10	0.18
H743479		2.37	5.0	2.57	<5	110	0.6	<2	2.80	0.8	177	2210	7930	11.85	<10	0.22
H743480		0.09	0.6	3.15	<5	160	0.7	<2	3.42	<0.5	114	2280	869	9.62	<10	0.33
H743481		2.04	3.5	2.82	13	70	0.6	<2	3.26	0.7	165	1740	5780	11.30	<10	0.17
H743482		2.18	2.2	2.96	8	70	0.7	<2	3.08	<0.5	154	1550	4070	10.65	<10	0.26
H743483		2.18	2.9	3.01	<5	80	0.6	<2	3.23	<0.5	149	1830	4560	11.15	<10	0.22
H743484		2.40	2.2	3.06	<5	150	0.7	<2	3.54	<0.5	134	1800	3130	10.60	<10	0.25
H743485		2.34	3.1	3.07	<5	160	0.7	<2	3.19	0.6	187	1760	5180	11.90	<10	0.27
H743486		2.55	3.4	3.21	<5	140	0.8	<2	3.39	<0.5	194	1700	6020	12.15	<10	0.30
H743487		2.17	4.2	3.01	<5	110	0.7	<2	3.23	0.5	285	1550	8930	14.75	<10	0.22
H743488		2.05	4.0	2.92	21	40	0.8	<2	2.64	<0.5	265	1410	8810	14.15	<10	0.16
H743489		2.32	5.6	3.10	22	30	0.7	<2	3.27	<0.5	313	1400	>10000	15.45	<10	0.15
H743490		0.09	<0.5	6.31	<5	910	1.0	<2	1.35	<0.5	3	36	52	1.60	10	2.05
H743491		2.33	7.3	3.73	38	70	1.1	<2	3.65	2.1	144	1180	6690	11.25	<10	0.26
H743492		1.94	0.9	4.26	16	100	1.0	<2	4.33	<0.5	97	1150	2630	9.38	10	0.34

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

Finalized Date: 1-MAY-2009
Account: MGMAM

Project: SD09-089 BL

CERTIFICATE OF ANALYSIS TB09036379

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743453		30	2.06	444	<1	2.57	75	950	11	1.95	<5	15	228	<20	0.38	<10
H743454		20	1.83	432	<1	2.86	61	780	20	2.51	<5	19	231	<20	0.34	<10
H743455		20	1.87	466	<1	2.78	64	770	13	1.48	<5	13	245	<20	0.36	<10
H743456		20	4.54	1125	5	1.53	162	820	15	1.51	6	22	132	<20	0.80	<10
H743457		10	2.69	484	3	2.31	133	830	27	1.82	<5	16	125	<20	0.33	<10
H743458		20	2.52	380	1	2.41	84	670	6	1.82	<5	10	169	<20	0.27	<10
H743459		20	2.32	414	3	2.54	71	800	3	2.47	<5	14	167	<20	0.49	<10
H743460		10	0.20	585	<1	2.57	<1	180	5	<0.01	<5	5	171	<20	0.12	<10
H743461		20	11.30	1565	<1	0.61	587	830	73	0.13	<5	17	232	<20	0.79	<10
H743462		20	13.25	1465	<1	0.31	717	670	3	0.74	<5	15	169	<20	0.66	<10
H743463		20	12.40	1535	7	0.47	733	900	5	0.62	<5	16	284	<20	0.71	<10
H743464		20	11.10	1320	5	0.48	654	720	<2	0.27	<5	19	234	<20	0.83	<10
H743465		10	11.65	1345	<1	0.42	626	700	3	0.87	<5	19	238	<20	0.84	<10
H743466		20	12.90	1440	2	0.46	826	700	3	0.57	<5	18	310	<20	0.79	<10
H743467		20	12.60	1370	8	0.45	855	690	5	0.22	<5	17	293	<20	0.75	<10
H743468		10	13.65	1440	2	0.42	1110	600	3	0.63	<5	16	290	<20	0.71	<10
H743469		10	13.20	1415	1	0.44	905	610	6	0.22	<5	16	309	<20	0.76	<10
H743470		10	13.05	1390	2	0.44	878	590	4	0.25	<5	16	314	<20	0.76	<10
H743471		10	12.60	1380	1	0.47	801	580	4	0.14	<5	16	326	<20	0.77	<10
H743472		20	13.00	1435	1	0.34	839	710	5	0.21	<5	16	225	<20	0.76	<10
H743473		20	13.00	1365	1	0.42	773	690	5	0.16	<5	16	275	<20	0.74	<10
H743474		20	13.10	1440	2	0.54	817	710	3	0.15	<5	17	293	<20	0.77	<10
H743475		20	13.50	1570	1	0.37	788	720	6	0.46	<5	17	189	<20	0.76	<10
H743476		20	13.60	1390	2	0.57	1520	560	14	1.02	<5	13	248	<20	0.68	<10
H743477		10	13.50	1415	2	0.39	4010	490	11	2.89	<5	12	217	<20	0.59	<10
H743478		10	12.90	1385	3	0.32	3170	550	18	2.23	<5	15	212	<20	0.72	<10
H743479		10	13.50	1375	2	0.38	2710	570	20	1.65	<5	13	256	<20	0.64	<10
H743480		20	13.55	1385	2	0.76	1255	670	5	0.32	<5	16	354	<20	0.78	<10
H743481		10	13.20	1365	2	0.23	2390	590	11	1.53	<5	15	162	<20	0.74	<10
H743482		10	12.65	1455	1	0.16	2140	720	5	1.61	<5	16	112	<20	0.76	<10
H743483		10	13.30	1455	2	0.34	1855	750	7	1.08	<5	17	218	<20	0.80	<10
H743484		20	12.80	1405	1	0.55	1540	690	12	1.05	<5	16	332	<20	0.78	<10
H743485		20	12.25	1435	3	0.66	2560	700	13	2.38	<5	16	318	<20	0.76	<10
H743486		20	11.70	1445	3	0.69	2840	730	14	2.67	<5	16	318	<20	0.80	<10
H743487		20	10.95	1345	3	0.49	4420	690	20	5.28	<5	16	284	<20	0.76	<10
H743488		10	11.80	1365	2	0.25	4370	690	12	6.25	<5	16	113	<20	0.70	<10
H743489		10	10.45	1390	2	0.31	5340	710	16	4.85	<5	17	145	<20	0.80	<10
H743490		10	0.22	590	<1	2.60	13	180	9	0.01	<5	5	173	<20	0.12	<10
H743491		20	10.45	1425	2	0.70	2270	860	35	3.43	<5	17	238	<20	0.83	<10
H743492		20	9.85	1530	1	0.81	905	880	12	1.65	<5	20	303	<20	0.94	<10

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

Finalized Date: 1-MAY-2009
Account: MGMAM

Project: SD09-089 BL

CERTIFICATE OF ANALYSIS TB09036379

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	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
H743453		<10	108	<10	71		0.002	0.0018	0.002			
H743454		<10	101	<10	78		0.002	0.0015	0.001			
H743455		<10	106	<10	67		0.001	0.0017	0.002			
H743456		<10	178	<10	126		0.008	0.108	0.067			
H743457		<10	131	<10	102		0.002	0.0026	0.002			
H743458		<10	81	<10	67		0.002	0.0017	0.002			
H743459		<10	128	<10	60		0.002	0.0027	0.002			
H743460		<10	16	<10	28		0.001	0.0006	<0.001			
H743461		<10	159	<10	266		0.007	0.0600	0.057			
H743462		<10	130	<10	89		0.006	0.0595	0.058			
H743463		<10	143	<10	104		0.013	0.165	0.156			
H743464		<10	161	<10	129		0.011	0.130	0.126			
H743465		<10	165	<10	92		0.006	0.0939	0.084			
H743466		<10	162	<10	105		0.011	0.141	0.137			
H743467		<10	155	<10	99		0.013	0.171	0.163			
H743468		<10	153	<10	104		0.022	0.339	0.313			
H743469		<10	159	<10	101		0.010	0.118	0.111			
H743470		<10	159	<10	99		0.009	0.114	0.110			
H743471		<10	159	<10	96		0.006	0.0691	0.070			
H743472		<10	157	<10	100		0.009	0.0854	0.089			
H743473		<10	154	<10	97		0.006	0.0462	0.042			
H743474		<10	163	<10	101		0.006	0.0586	0.058			
H743475		<10	161	<10	102		0.005	0.0415	0.037			
H743476		<10	143	<10	100		0.127	>1.00	>1.00	0.14	2.10	1.84
H743477		<10	133	<10	113		0.201	>1.00	>1.00	0.21	3.96	3.72
H743478		<10	152	<10	95		0.241	>1.00	>1.00	0.27	4.42	4.04
H743479		<10	139	<10	105		0.245	>1.00	>1.00	0.25	4.23	3.71
H743480		<10	162	<10	107		0.110	0.330	0.340			
H743481		<10	154	<10	136		0.158	>1.00	>1.00	0.16	2.64	2.56
H743482		<10	159	<10	131		0.109	>1.00	>1.00	0.11	1.86	1.84
H743483		<10	169	<10	121		0.121	>1.00	>1.00	0.13	1.93	1.87
H743484		<10	165	<10	119		0.097	>1.00	>1.00	0.10	1.34	1.31
H743485		<10	160	<10	122		0.113	>1.00	>1.00	0.12	2.12	2.14
H743486		<10	165	<10	120		0.126	>1.00	>1.00	0.14	2.45	2.43
H743487		<10	161	<10	155		0.181	>1.00	>1.00	0.18	3.36	3.46
H743488		<10	162	<10	132		0.158	>1.00	>1.00	0.18	3.39	3.48
H743489		<10	174	<10	122	1.080	0.210	>1.00	>1.00	0.23	4.22	4.34
H743490		<10	16	<10	29		0.004	0.0116	0.008			
H743491		<10	172	<10	197		0.225	>1.00	>1.00	0.26	3.04	2.86
H743492		<10	201	<10	149		0.109	>1.00	>1.00	0.10	1.20	1.09

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

Finalized Date: 1-MAY-2009
Account: MGMAM

Project: SD09-089 BL

CERTIFICATE OF ANALYSIS TB09036379

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743493		2.94	0.5	7.99	12	590	2.3	<2	1.04	<0.5	24	128	602	4.33	20	1.77
H743494		2.12	<0.5	7.90	<5	640	3.0	<2	0.93	<0.5	18	126	69	4.43	20	2.50
H743495		5.19	<0.5	7.54	7	450	2.5	<2	1.20	<0.5	17	101	62	3.68	20	2.28
H743495 CRD		<0.02	<0.5	7.51	<5	460	2.6	<2	1.20	<0.5	17	102	62	3.66	20	2.34
H743496		3.80	<0.5	8.18	5	300	2.2	<2	0.89	<0.5	18	122	64	4.42	20	1.75

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CERTIFICATE OF ANALYSIS TB09036379

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H743493		20	2.06	479	1	3.09	148	780	21	1.83	<5	15	283	<20	0.40	<10
H743494		20	2.22	535	2	2.07	71	830	10	0.81	<5	14	181	<20	0.40	<10
H743495		20	1.62	345	4	2.35	52	770	10	0.75	<5	12	179	<20	0.31	<10
H743495 CRD		20	1.63	344	5	2.37	51	770	10	0.72	<5	12	183	<20	0.32	<10
H743496		20	1.83	506	1	2.41	69	790	10	0.42	<5	14	206	<20	0.37	<10

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Project: SD09-089 BL

CERTIFICATE OF ANALYSIS TB09036379

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	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
H743493		<10	123	<10	101		0.020	0.223	0.220			
H743494		<10	118	<10	50		0.003	0.0064	0.004			
H743495		<10	99	<10	44		0.003	0.0039	0.003			
H743495 CRD		10	100	<10	43		0.002	0.0029	0.003			
H743496		<10	117	<10	57		0.002	0.0024	0.002			

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

Finalized Date: 1-MAY-2009
Account: MGMAM

CERTIFICATE TB09038571

Project: SD09-090 BL

P.O. No.:

This report is for 32 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 1-MAY-2009
Account: MGMAM

Project: SD09-090 BL

CERTIFICATE OF ANALYSIS TB09038571

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740001		2.65	0.7	5.24	11	140	1.3	<2	4.33	<0.5	55	373	484	7.15	10	0.60
H740002		4.15	<0.5	7.10	<5	620	1.8	<2	0.72	<0.5	20	95	36	3.24	20	2.56
H740003		4.22	<0.5	7.54	<5	2450	1.3	<2	0.94	<0.5	16	110	53	3.23	20	3.22
H740004		4.86	<0.5	7.43	<5	420	2.4	<2	0.83	<0.5	14	82	11	2.92	20	2.52
H740005		4.26	<0.5	7.65	5	400	3.4	<2	0.85	<0.5	15	94	13	3.14	20	2.50
H740006		2.90	0.5	5.03	8	150	1.7	<2	1.85	<0.5	71	1180	135	8.08	10	0.79
H740007		2.40	0.5	7.04	11	650	2.7	<2	1.00	<0.5	21	118	229	4.05	20	2.00
H740008		2.83	0.5	6.67	21	1240	1.5	<2	1.98	3.5	33	313	232	5.53	20	0.97
H740009		2.57	<0.5	5.51	29	290	1.4	<2	2.27	5.5	51	872	267	6.71	10	0.89
H740010		0.08	1.2	3.03	<5	150	0.7	<2	3.23	<0.5	110	2330	837	8.76	10	0.33
H740011		3.09	0.5	3.81	10	90	1.0	<2	2.87	<0.5	100	1310	93	9.01	10	0.42
H740012		2.46	0.5	3.73	9	60	1.0	<2	2.03	<0.5	97	1350	83	8.88	10	0.42
H740013		4.70	<0.5	3.56	<5	140	0.8	<2	3.06	<0.5	105	1540	75	9.04	10	0.33
H740014		4.43	<0.5	3.26	<5	120	0.7	<2	2.54	<0.5	114	1650	80	9.32	10	0.32
H740015		4.73	0.5	3.17	8	130	0.7	<2	2.46	<0.5	114	1870	120	9.41	10	0.34
H740016		4.58	<0.5	3.17	7	100	0.6	<2	2.27	<0.5	117	2250	169	9.59	10	0.30
H740017		2.41	<0.5	3.27	<5	130	0.7	<2	2.50	<0.5	114	2320	297	9.31	10	0.34
H740018		2.49	0.6	3.15	6	110	1.2	<2	2.11	<0.5	115	2350	285	9.46	10	0.31
H740019		2.28	<0.5	3.04	12	100	0.9	<2	1.75	<0.5	117	2670	283	9.51	10	0.40
H740020		0.08	<0.5	5.97	<5	850	0.9	<2	1.25	<0.5	3	31	17	1.46	10	2.02
H740021		2.26	1.5	2.90	25	90	1.7	2	1.44	<0.5	136	2400	852	10.65	10	0.43
H740022		2.13	<0.5	2.90	21	90	1.0	<2	1.81	<0.5	120	2420	503	9.30	10	0.38
H740023		1.87	<0.5	3.01	12	120	1.2	<2	1.78	<0.5	115	2340	318	9.45	10	0.39
H740024		2.31	1.0	3.10	<5	130	0.7	<2	2.64	<0.5	129	2440	1485	10.10	10	0.29
H740025		2.48	0.7	3.54	14	150	0.9	<2	2.16	<0.5	122	1640	188	10.95	10	0.50
H740026		3.43	0.6	4.18	6	370	1.0	<2	2.63	<0.5	105	1140	106	9.93	10	0.65
H740027		4.08	<0.5	7.39	9	590	2.6	<2	0.37	<0.5	18	104	52	3.57	20	3.37
H740028		3.63	<0.5	7.52	<5	480	4.7	<2	0.45	<0.5	19	107	81	3.75	20	2.57
H743497		4.20	<0.5	7.82	9	570	1.6	<2	0.76	<0.5	18	97	74	3.37	20	2.53
H743498		4.24	<0.5	7.29	7	590	1.5	<2	0.52	<0.5	19	107	43	3.69	20	2.97
H743499		1.38	0.6	5.73	12	410	1.5	<2	4.82	<0.5	44	231	174	7.52	20	0.69
H743500		1.25	<0.5	5.77	11	620	1.5	<2	4.93	<0.5	43	230	176	7.58	20	0.69

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

Finalized Date: 1-MAY-2009
Account: MGMAM

Project: SD09-090 BL

CERTIFICATE OF ANALYSIS TB09038571

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740001		20	5.33	750	<1	1.91	314	900	11	4.20	<5	24	207	<20	0.87	<10
H740002		10	1.82	402	<1	2.09	62	520	16	0.84	<5	11	239	<20	0.25	<10
H740003		10	1.56	559	<1	1.45	53	580	12	0.59	<5	9	386	<20	0.26	<10
H740004		20	1.46	418	<1	2.59	40	600	9	0.55	<5	9	297	<20	0.23	<10
H740005		10	1.74	359	<1	2.66	53	710	6	0.70	<5	10	296	<20	0.27	<10
H740006		20	8.08	1250	<1	1.41	429	1200	22	2.67	<5	18	202	<20	1.13	<10
H740007		10	2.68	733	<1	2.34	58	810	27	1.06	<5	10	292	<20	0.45	<10
H740008		10	4.31	943	<1	2.45	141	870	286	1.47	<5	13	526	<20	0.68	<10
H740009		20	7.10	1055	<1	1.45	406	890	83	1.50	<5	14	242	<20	0.80	<10
H740010		20	12.50	1290	1	0.74	1220	650	4	0.29	<5	15	353	<20	0.75	<10
H740011		20	11.20	1330	<1	0.60	806	780	22	1.75	<5	15	193	<20	0.93	<10
H740012		20	12.00	1370	<1	0.44	828	810	6	1.42	<5	15	138	<20	0.90	<10
H740013		20	11.65	1275	<1	0.75	871	820	3	0.84	5	14	369	<20	0.86	<10
H740014		20	12.65	1365	<1	0.65	1010	650	4	0.79	<5	13	304	<20	0.79	<10
H740015		20	12.70	1335	<1	0.56	993	720	2	0.91	<5	13	291	<20	0.80	<10
H740016		20	12.85	1370	<1	0.47	1030	760	4	0.69	<5	13	269	<20	0.81	10
H740017		20	12.60	1345	<1	0.64	1030	680	3	0.74	5	13	316	<20	0.80	<10
H740018		20	13.05	1350	<1	0.53	1110	520	3	0.90	5	13	244	<20	0.72	10
H740019		10	12.75	1375	<1	0.55	1060	640	8	1.82	8	13	237	<20	0.74	<10
H740020		10	0.23	553	<1	2.49	5	180	4	0.01	<5	4	170	<20	0.11	<10
H740021		10	12.55	1235	<1	0.46	1330	460	8	4.18	5	20	168	<20	0.59	<10
H740022		10	12.70	1245	<1	0.42	1180	550	5	2.43	<5	13	184	<20	0.68	<10
H740023		20	13.00	1275	1	0.45	1100	620	4	1.58	5	13	190	<20	0.72	<10
H740024		20	12.35	1330	<1	0.64	1400	760	8	1.25	5	12	350	<20	0.78	<10
H740025		20	11.45	1410	<1	0.63	709	820	3	3.48	6	11	332	<20	0.95	<10
H740026		20	9.56	1390	<1	0.98	599	990	10	2.40	<5	12	439	<20	1.06	<10
H740027		10	1.81	324	<1	1.68	68	650	6	0.33	<5	11	175	<20	0.30	<10
H740028		10	1.84	409	1	2.06	59	620	2	0.43	<5	11	161	<20	0.28	<10
H743497		10	1.63	493	1	1.81	60	630	25	0.39	<5	12	236	<20	0.28	<10
H743498		10	1.80	413	1	1.84	66	640	21	0.55	<5	13	180	<20	0.33	<10
H743499		30	4.17	1500	<1	2.27	96	1220	12	2.64	<5	24	350	<20	1.23	<10
H743500		30	4.25	1540	<1	2.28	101	1210	11	2.34	<5	24	346	<20	1.25	<10

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Finalized Date: 1-MAY-2009
Account: MGMAM

Project: SD09-090 BL

CERTIFICATE OF ANALYSIS TB09038571

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740001		<10	194	<10	97	0.014	0.175	0.159
H740002		<10	89	<10	63	0.002	0.0018	0.002
H740003		<10	78	<10	65	0.002	0.0017	0.002
H740004		<10	71	<10	50	0.001	0.0014	0.001
H740005		<10	85	<10	44	0.002	0.0015	0.001
H740006		<10	218	<10	141	0.003	0.0177	0.012
H740007		<10	106	<10	168	0.001	0.0028	0.002
H740008		<10	152	<10	1410	0.002	0.0054	0.003
H740009		<10	164	<10	2290	0.002	0.0083	0.005
H740010		<10	154	<10	109	0.115	0.413	0.355
H740011		<10	178	<10	196	0.002	0.0105	0.006
H740012		<10	173	<10	164	0.003	0.0130	0.008
H740013		<10	163	<10	105	0.002	0.0142	0.009
H740014		<10	150	<10	102	0.003	0.0185	0.014
H740015		<10	154	<10	107	0.004	0.0333	0.029
H740016		<10	160	<10	113	0.004	0.0407	0.035
H740017		<10	156	<10	102	0.006	0.0673	0.058
H740018		<10	157	<10	143	0.006	0.0701	0.066
H740019		<10	154	<10	152	0.006	0.0572	0.050
H740020		<10	15	<10	27	0.001	<0.0005	<0.001
H740021		<10	156	<10	334	0.015	0.186	0.173
H740022		<10	149	<10	143	0.010	0.131	0.112
H740023		<10	152	<10	146	0.007	0.0822	0.077
H740024		<10	154	<10	108	0.037	0.465	0.412
H740025		<10	194	<10	152	0.006	0.0539	0.041
H740026		<10	192	<10	144	0.002	0.0096	0.008
H740027		<10	101	<10	53	0.001	0.0021	0.002
H740028		<10	94	<10	67	0.001	0.0015	0.001
H743497		<10	100	<10	88	0.001	0.0016	0.001
H743498		<10	112	<10	68	0.001	0.0073	0.007
H743499		<10	245	<10	118	0.003	0.0142	0.008
H743500		<10	252	<10	120	0.002	0.0154	0.008

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

Finalized Date: 30-APR-2009
Account: MGMAM

CERTIFICATE TB09038570

Project: SD09-091 BL

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 30-APR-2009
Account: MGMAM

Project: SD09-091 BL

CERTIFICATE OF ANALYSIS TB09038570

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740029		2.04	<0.5	6.75	<5	1890	2.3	<2	0.26	<0.5	<1	23	6	1.18	20	4.30
H740030		1.73	<0.5	6.72	<5	2040	2.3	<2	0.26	<0.5	1	20	6	1.21	20	4.26
H740031		4.07	<0.5	6.63	<5	1120	1.9	<2	0.22	<0.5	1	16	5	1.26	20	4.65
H740032		1.88	<0.5	4.95	10	720	1.5	<2	4.98	<0.5	63	734	194	8.22	10	0.47
H740033		2.28	<0.5	4.07	13	3820	1.1	<2	4.86	<0.5	75	1075	177	8.67	10	0.26
H740034		2.27	<0.5	4.02	<5	2700	1.0	<2	4.76	<0.5	79	1200	245	9.15	10	0.21
H740035		2.39	<0.5	3.94	13	700	0.9	<2	4.62	<0.5	82	1235	260	9.09	10	0.19
H740036		2.27	<0.5	3.94	17	190	0.9	<2	4.62	<0.5	81	1285	229	9.25	10	0.19
H740037		2.32	0.5	3.82	15	740	0.9	<2	4.25	<0.5	86	1325	332	9.28	10	0.25
H740038		2.26	1.5	3.76	15	2180	1.0	<2	4.20	<0.5	105	1265	2200	9.88	10	0.24
H740039		2.32	3.2	3.39	16	90	0.8	<2	3.61	<0.5	204	1575	6770	12.45	10	0.24
H740040		0.09	0.7	3.07	<5	160	0.7	<2	3.34	<0.5	106	2370	817	9.39	10	0.32
H740041		2.38	5.1	3.04	30	200	0.7	<2	3.40	<0.5	267	1390	8200	14.45	<10	0.22
H740042		2.52	2.9	3.85	29	470	1.2	<2	2.70	<0.5	169	1260	6230	11.40	10	0.22
H740043		3.58	<0.5	6.53	<5	1160	1.6	<2	0.21	<0.5	4	31	155	1.68	20	3.94
H740044		3.09	0.5	6.75	<5	1020	1.6	<2	0.22	<0.5	<1	17	26	1.11	20	4.76
H740045		3.79	<0.5	6.46	<5	730	2.0	<2	0.24	<0.5	<1	14	5	1.16	20	3.63
H740046		4.17	<0.5	6.44	<5	930	1.8	<2	0.27	<0.5	1	15	4	1.41	20	3.98
H740047		2.29	<0.5	7.69	<5	310	1.9	<2	3.94	<0.5	35	11	33	7.93	20	0.86
H740048		4.85	<0.5	6.96	<5	530	1.5	<2	3.10	<0.5	83	94	34	15.15	20	0.98
H740049		4.83	<0.5	7.10	6	610	1.9	<2	3.47	<0.5	60	49	45	11.65	20	0.76
H740050		0.08	<0.5	6.14	<5	910	1.0	<2	1.33	<0.5	2	28	18	1.55	10	2.04
H740051		2.81	<0.5	7.53	9	410	2.3	<2	3.73	<0.5	39	16	33	8.90	20	0.56
H740052		4.18	<0.5	6.43	<5	650	2.3	<2	0.37	<0.5	1	11	3	1.24	20	3.78
H740053		4.35	<0.5	6.37	<5	630	2.0	<2	0.37	<0.5	1	20	1	1.04	20	3.56

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

Finalized Date: 30-APR-2009
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Project: SD09-091 BL

CERTIFICATE OF ANALYSIS TB09038570

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740029		60	0.33	107	<1	2.19	2	280	15	0.47	<5	3	229	30	0.10	<10
H740030		60	0.35	114	<1	2.19	4	290	14	0.48	<5	2	228	30	0.10	<10
H740031		40	0.37	114	<1	2.05	2	310	12	0.49	<5	2	194	30	0.10	<10
H740032		30	7.59	1615	1	1.53	355	850	73	0.49	<5	25	415	<20	1.05	<10
H740033		20	9.54	1520	<1	0.96	498	890	13	0.73	<5	21	498	<20	0.91	<10
H740034		20	10.45	1680	<1	0.82	591	910	6	0.38	<5	19	407	<20	0.93	<10
H740035		20	10.35	1705	<1	0.74	577	920	<2	0.81	5	19	272	<20	0.92	<10
H740036		20	10.80	1655	<1	0.72	608	950	<2	0.80	<5	19	247	<20	0.91	<10
H740037		20	10.90	1515	<1	0.74	672	870	3	1.58	<5	19	309	<20	0.84	<10
H740038		20	10.50	1455	1	0.77	1170	880	9	1.93	<5	18	434	<20	0.82	<10
H740039		20	9.83	1420	<1	0.68	2770	760	18	4.18	<5	17	338	<20	0.77	<10
H740040		20	13.25	1345	<1	0.75	1170	670	4	0.30	<5	15	343	<20	0.76	<10
H740041		10	9.45	1195	<1	0.62	3930	670	21	7.75	<5	17	443	<20	0.65	<10
H740042		20	9.28	1260	2	0.93	2420	720	102	3.73	<5	17	184	<20	0.79	<10
H740043		50	0.54	173	1	2.28	64	450	29	0.46	<5	3	137	20	0.11	<10
H740044		50	0.37	129	<1	1.92	7	300	10	0.19	<5	2	144	30	0.10	<10
H740045		50	0.33	92	<1	2.38	2	230	20	0.59	<5	3	192	30	0.10	<10
H740046		60	0.36	106	<1	2.17	2	250	24	1.00	<5	3	216	30	0.09	<10
H740047		40	2.63	935	2	3.54	14	1760	11	1.83	9	14	496	<20	1.58	<10
H740048		30	3.26	1635	3	2.39	90	1360	9	1.48	7	13	489	<20	2.31	<10
H740049		30	3.09	1230	3	2.65	50	1510	16	2.71	5	14	590	<20	1.86	<10
H740050		10	0.20	583	<1	2.59	1	180	10	0.01	<5	5	172	<20	0.12	<10
H740051		40	3.09	1035	3	2.95	22	1760	23	3.23	8	15	418	<20	1.60	<10
H740052		30	0.19	77	<1	2.20	2	320	30	0.85	<5	3	113	20	0.08	<10
H740053		50	0.24	93	<1	2.40	2	380	19	0.32	<5	3	125	20	0.10	<10

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Project: SD09-091 BL

CERTIFICATE OF ANALYSIS TB09038570

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740029		<10	11	<10	24	0.001	0.0015	<0.001			
H740030		<10	11	<10	20	0.001	0.0008	0.001			
H740031		<10	11	<10	10	0.001	0.0011	0.001			
H740032		<10	218	<10	310	0.005	0.0281	0.023			
H740033		<10	189	<10	96	0.006	0.0340	0.029			
H740034		<10	188	<10	98	0.008	0.0652	0.065			
H740035		<10	189	<10	98	0.006	0.0569	0.057			
H740036		<10	187	<10	106	0.007	0.0615	0.059			
H740037		<10	186	<10	112	0.008	0.0977	0.095			
H740038		<10	177	<10	128	0.050	0.739	0.820			
H740039		<10	165	<10	113	0.144	>1.00	>1.00	0.15	2.67	2.72
H740040		<10	158	<10	98	0.121	0.363	0.328			
H740041		<10	163	<10	137	0.154	>1.00	>1.00	0.16	3.19	3.24
H740042		<10	172	<10	115	0.154	>1.00	>1.00	0.16	2.62	2.60
H740043		20	12	<10	15	0.006	0.0811	0.076			
H740044		<10	10	<10	11	0.002	0.0073	0.004			
H740045		<10	11	<10	12	0.002	0.0029	0.001			
H740046		<10	11	<10	14	0.002	0.0021	0.001			
H740047		<10	210	<10	94	0.001	0.0014	0.001			
H740048		<10	529	<10	173	0.001	0.0013	0.001			
H740049		<10	366	<10	131	0.002	0.0014	<0.001			
H740050		<10	16	<10	29	0.004	0.0009	0.001			
H740051		<10	236	<10	130	0.002	0.0009	0.001			
H740052		<10	8	<10	34	0.002	0.0008	<0.001			
H740053		<10	10	<10	8	0.002	0.0008	0.001			

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

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

Finalized Date: 5-MAY-2009
Account: MGMAM

CERTIFICATE TB09038559

Project: SD09-092 BL

P.O. No.:

This report is for 44 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
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
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: SD09-092 BL

CERTIFICATE OF ANALYSIS TB09038559

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740054		4.26	<0.5	7.22	5	970	1.2	<2	0.16	<0.5	1	22	2	0.63	20	4.65
H740055		4.46	<0.5	6.87	5	910	1.1	<2	0.14	<0.5	2	20	5	0.93	20	4.53
H740056		2.68	<0.5	5.02	15	140	1.5	<2	4.13	<0.5	47	374	172	7.44	20	0.75
H740057		2.75	0.5	2.94	16	60	0.7	<2	5.33	<0.5	98	1220	355	9.49	10	0.25
H740058		2.42	<0.5	2.88	6	240	0.7	<2	4.26	<0.5	108	1490	511	9.57	10	0.34
H740059		1.17	0.6	2.91	7	150	0.7	<2	4.06	<0.5	114	1535	899	9.73	10	0.36
H740060		1.03	0.5	2.88	7	150	0.7	<2	4.03	<0.5	112	1540	804	9.79	10	0.36
H740061		2.36	0.9	2.69	<5	140	0.7	<2	3.70	<0.5	127	1760	1380	10.35	<10	0.36
H740062		2.45	0.7	2.62	<5	160	0.5	<2	3.62	<0.5	118	1830	859	9.88	<10	0.32
H740063		2.33	<0.5	2.44	6	120	0.5	<2	3.38	<0.5	116	1900	448	9.71	<10	0.28
H740064		2.52	<0.5	2.59	<5	140	0.6	<2	3.31	<0.5	114	1960	189	9.85	<10	0.35
H740065		2.42	<0.5	2.57	<5	120	0.6	<2	3.28	<0.5	115	2000	367	9.86	<10	0.36
H740066		2.41	<0.5	2.81	6	140	0.5	<2	3.46	<0.5	114	2090	204	9.89	<10	0.37
H740067		2.24	<0.5	2.65	10	140	0.6	<2	3.34	<0.5	115	2050	145	9.87	<10	0.35
H740068		2.47	<0.5	2.70	14	130	0.7	<2	3.30	<0.5	113	2030	170	9.42	10	0.40
H740069		2.51	<0.5	2.59	9	140	0.6	<2	3.22	<0.5	121	2060	619	9.71	10	0.33
H740070		0.08	<0.5	6.63	<5	920	1.0	<2	1.42	<0.5	3	24	14	1.64	10	2.06
H740071		2.43	0.5	2.55	20	200	0.5	<2	3.17	<0.5	116	2020	652	9.97	<10	0.26
H740072		2.43	<0.5	2.89	5	130	0.7	<2	3.58	<0.5	110	1820	272	9.82	<10	0.25
H740073		2.01	<0.5	3.06	25	120	0.8	<2	3.17	<0.5	104	1710	184	9.82	10	0.23
H740074		2.56	1.4	2.72	40	120	0.7	<2	3.13	<0.5	131	1810	1870	10.70	<10	0.25
H740075		2.42	1.0	2.94	33	90	0.7	<2	3.24	<0.5	126	1700	1390	10.35	<10	0.23
H740076		2.41	<0.5	3.12	10	40	0.6	<2	3.44	<0.5	108	1650	589	9.81	<10	0.19
H740077		2.99	<0.5	3.13	5	30	0.7	<2	3.16	<0.5	110	1700	579	10.05	10	0.17
H740078		2.49	2.0	3.25	<5	50	0.7	<2	2.71	<0.5	192	1650	4090	12.35	<10	0.21
H740079		2.65	3.6	2.81	<5	60	0.7	<2	2.13	<0.5	373	1390	8230	17.75	<10	0.19
H740080		0.09	0.9	3.13	<5	160	0.7	<2	3.43	<0.5	112	2390	838	9.30	10	0.34
H740081		2.22	9.1	1.86	21	20	0.5	15	1.39	2.3	549	1180	>10000	23.2	<10	0.14
H740082		2.93	12.8	0.98	22	30	<0.5	20	1.45	3.3	668	1105	>10000	31.2	<10	0.10
H740083		3.05	9.8	0.90	10	30	<0.5	24	1.27	2.2	687	1055	>10000	32.7	<10	0.12
H740084		1.32	5.7	0.87	<5	30	<0.5	10	0.54	2.7	763	1090	>10000	36.6	<10	0.15
H740085		2.76	18.0	0.06	21	10	<0.5	<2	0.56	0.7	1200	23	>10000	47.8	<10	0.01
H740086		1.09	<0.5	6.77	6	420	1.8	2	0.14	<0.5	3	6	68	2.18	20	3.68
H740087		3.39	<0.5	6.81	6	560	2.0	<2	0.15	<0.5	1	7	32	1.35	20	4.41
H740088		3.36	<0.5	6.81	<5	650	2.2	<2	0.16	<0.5	2	7	7	1.49	20	4.26
H740089		2.31	0.6	7.50	22	310	2.0	<2	2.53	<0.5	35	15	34	6.66	20	1.52
H740090		0.08	<0.5	5.98	<5	860	0.9	<2	1.27	<0.5	3	25	15	1.47	10	2.01
H740091		2.64	0.5	7.12	9	80	1.7	<2	2.91	<0.5	64	43	35	10.90	20	0.42
H740092		4.39	0.7	7.34	7	230	1.7	<2	2.90	<0.5	55	39	42	9.92	20	0.81
H740093		3.84	0.8	7.61	16	310	1.9	<2	2.87	<0.5	48	25	48	8.78	20	0.54

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Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-092 BL

CERTIFICATE OF ANALYSIS TB09038559

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740054		10	0.17	56	<1	1.00	11	390	45	0.23	<5	3	131	<20	0.03	<10
H740055		10	0.26	80	1	1.48	16	250	3	0.25	<5	2	135	<20	0.04	<10
H740056		40	6.22	1220	2	1.63	204	780	20	1.14	5	25	108	<20	0.88	<10
H740057		10	12.25	1475	1	0.36	659	670	72	0.28	<5	21	194	<20	0.71	<10
H740058		20	12.45	1445	<1	0.51	865	610	6	0.30	<5	19	508	<20	0.68	<10
H740059		20	12.70	1430	<1	0.47	951	620	6	0.40	<5	18	375	<20	0.68	<10
H740060		20	12.85	1445	<1	0.46	902	670	4	0.37	<5	18	364	<20	0.68	<10
H740061		20	13.50	1455	1	0.45	1140	640	5	0.63	<5	17	286	<20	0.69	<10
H740062		10	13.60	1405	1	0.38	1030	530	2	0.51	<5	16	400	<20	0.61	<10
H740063		10	14.05	1415	1	0.27	952	510	2	0.41	<5	15	284	<20	0.62	<10
H740064		10	14.40	1445	1	0.36	855	580	<2	0.25	<5	15	309	<20	0.63	<10
H740065		10	14.40	1430	1	0.35	914	550	<2	0.30	<5	15	305	<20	0.63	<10
H740066		10	14.55	1445	1	0.28	911	530	<2	0.30	<5	15	302	<20	0.59	<10
H740067		10	14.50	1475	1	0.24	875	580	2	0.27	<5	15	292	<20	0.65	<10
H740068		20	14.00	1440	<1	0.28	875	600	6	0.29	<5	15	327	<20	0.61	<10
H740069		20	14.05	1430	<1	0.27	1020	610	5	0.41	<5	15	327	<20	0.59	<10
H740070		10	0.25	587	<1	2.61	3	180	7	<0.01	<5	5	177	<20	0.12	<10
H740071		10	13.90	1465	1	0.26	969	590	2	1.18	<5	15	283	<20	0.60	<10
H740072		10	13.75	1510	1	0.26	827	640	3	0.28	<5	16	276	<20	0.71	<10
H740073		20	13.40	1550	3	0.26	750	700	2	1.47	<5	18	121	<20	0.68	<10
H740074		20	13.40	1515	1	0.30	1205	600	4	2.78	<5	16	151	<20	0.59	<10
H740075		10	13.45	1465	<1	0.27	1205	600	6	2.40	<5	16	157	<20	0.64	<10
H740076		10	13.35	1535	1	0.22	878	740	4	0.48	<5	16	140	<20	0.75	<10
H740077		20	13.80	1590	1	0.17	889	830	3	0.39	<5	16	105	<20	0.76	<10
H740078		20	12.25	1415	1	0.37	2340	650	10	2.62	<5	15	192	<20	0.81	<10
H740079		10	9.99	1240	2	0.34	5440	590	12	5.84	<5	12	145	<20	0.61	<10
H740080		20	13.15	1360	<1	0.76	1215	690	3	0.28	<5	16	361	<20	0.75	<10
H740081		10	8.14	1005	<1	0.11	9480	500	24	8.67	6	11	64	<20	0.37	<10
H740082		10	7.36	1175	<1	0.16	>10000	210	43	9.84	<5	9	81	<20	0.27	<10
H740083		<10	7.35	1185	<1	0.13	>10000	200	40	9.64	<5	8	62	<20	0.22	<10
H740084		<10	5.95	1150	<1	0.11	>10000	140	31	>10.0	6	5	26	<20	0.10	10
H740085		<10	0.31	362	<1	<0.01	>10000	<10	56	>10.0	16	1	5	<20	0.01	10
H740086		30	0.38	90	<1	2.20	53	250	9	0.60	<5	2	123	20	0.07	<10
H740087		30	0.26	83	<1	1.91	21	350	3	0.50	<5	2	146	20	0.06	<10
H740088		50	0.29	79	<1	2.02	6	310	3	0.60	<5	3	164	20	0.08	<10
H740089		40	2.28	609	<1	3.16	23	1440	13	1.81	<5	12	262	<20	1.28	<10
H740090		10	0.19	553	<1	2.49	3	180	4	0.01	<5	4	170	<20	0.11	<10
H740091		30	3.76	892	1	2.87	58	1440	17	1.54	<5	12	497	<20	1.85	<10
H740092		40	3.19	1685	<1	3.19	41	1680	10	0.71	<5	14	384	<20	1.84	<10
H740093		40	3.09	1515	1	3.43	26	1780	15	1.50	<5	15	396	<20	1.72	<10

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Finalized Date: 5-MAY-2009
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Project: SD09-092 BL

CERTIFICATE OF ANALYSIS TB09038559

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Ni-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	S-IR08
	Analyte	U	V	W	Zn	Cu	Ni	Au	Pt	Pd	Au	Pt	Pd	S
	Units	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	1	10	2	0.001	0.001	0.001	0.0005	0.001	0.03	0.03	0.03	0.01
H740054		10	7	<10	14			0.001	<0.0005	<0.001				
H740055		10	4	<10	11			0.001	<0.0005	<0.001				
H740056		<10	201	<10	95			0.003	0.0209	0.018				
H740057		<10	163	<10	293			0.007	0.102	0.088				
H740058		<10	157	<10	134			0.010	0.163	0.147				
H740059		<10	151	<10	117			0.018	0.279	0.265				
H740060		<10	154	<10	118			0.015	0.235	0.226				
H740061		<10	158	<10	108			0.029	0.495	0.466				
H740062		<10	142	<10	99			0.019	0.301	0.278				
H740063		<10	140	<10	99			0.009	0.140	0.125				
H740064		<10	148	<10	101			0.004	0.0613	0.053				
H740065		<10	147	<10	100			0.007	0.102	0.089				
H740066		<10	143	<10	101			0.004	0.0462	0.038				
H740067		<10	149	<10	102			0.004	0.0315	0.024				
H740068		<10	142	<10	100			0.003	0.0352	0.026				
H740069		<10	143	<10	103			0.015	0.215	0.197				
H740070		<10	16	<10	27			0.001	0.0031	0.004				
H740071		<10	146	<10	102			0.014	0.234	0.214				
H740072		<10	162	<10	109			0.006	0.0956	0.083				
H740073		<10	173	<10	98			0.004	0.0523	0.048				
H740074		<10	162	<10	108			0.041	0.656	0.629				
H740075		<10	159	<10	103			0.026	0.444	0.409				
H740076		<10	166	<10	114			0.011	0.175	0.162				
H740077		<10	177	<10	106			0.016	0.243	0.228				
H740078		<10	170	<10	107			0.062	>1.00	>1.00	0.08	1.38	1.41	
H740079		<10	135	<10	107			0.116	>1.00	>1.00	0.12	2.42	2.56	
H740080		<10	161	<10	103			0.114	0.429	0.381				
H740081		<10	97	<10	240	1.870		0.221	>1.00	>1.00	0.29	5.74	6.07	
H740082		<10	82	<10	179	2.95	1.410	0.289	>1.00	>1.00	0.36	9.54	12.55	
H740083		<10	75	<10	174	2.92	1.525	0.204	>1.00	>1.00	0.26	9.34	10.85	
H740084		<10	84	<10	231	3.31	1.690	0.125	>1.00	>1.00	0.15	10.80	10.80	19.50
H740085		<10	36	<10	144	6.60	3.18	0.359	>1.00	>1.00	0.35	22.1	20.5	33.2
H740086		20	6	<10	6			0.004	0.0448	0.038				
H740087		20	6	<10	5			0.002	0.0205	0.014				
H740088		10	8	<10	6			0.005	0.0039	0.004				
H740089		<10	173	<10	72			0.003	0.0038	0.004				
H740090		<10	15	<10	27			0.002	0.0007	0.001				
H740091		<10	366	<10	126			0.002	0.0021	0.002				
H740092		<10	309	<10	176			0.001	0.0025	0.002				
H740093		<10	242	<10	136			0.001	0.0068	0.008				

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

Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-092 BL

CERTIFICATE OF ANALYSIS TB09038559

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740094		4.41	<0.5	6.58	<5	700	2.3	<2	0.27	<0.5	1	12	6	1.07	20	3.76
H740095		4.08	<0.5	6.61	<5	620	2.3	<2	0.23	<0.5	1	12	3	0.93	20	3.59
H740095 CRD		<0.02	<0.5	6.61	<5	620	2.3	<2	0.23	<0.5	1	13	4	0.92	20	3.58
H740096		2.51	1.1	2.56	<5	130	0.6	<2	3.07	<0.5	128	1900	1215	9.70	10	0.40

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Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-092 BL

CERTIFICATE OF ANALYSIS TB09038559

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740094		40	0.27	74	<1	2.39	5	350	16	0.37	<5	3	166	20	0.09	<10
H740095		50	0.25	60	1	2.41	3	310	14	0.25	<5	3	139	20	0.09	<10
H740095 CRD		40	0.24	58	1	2.41	4	300	16	0.25	<5	2	139	20	0.08	<10
H740096		10	13.55	1370	<1	0.29	1300	560	3	0.71	<5	14	317	<20	0.61	<10

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Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-092 BL

CERTIFICATE OF ANALYSIS TB09038559

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Ni-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	S-IR08
	Analyte	U	V	W	Zn	Cu	Ni	Au	Pt	Pd	Au	Pt	Pd	S
	Units	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	1	10	2	0.001	0.001	0.001	0.0005	0.001	0.03	0.03	0.03	0.01
H740094		<10	10	<10	7			0.001	0.0041	0.003				
H740095		<10	8	<10	4			0.001	0.0019	0.002				
H740095 CRD		<10	8	<10	4			0.001	0.0031	0.002				
H740096		<10	133	<10	102			0.027	0.421	0.393				

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THUNDER BAY ON P7B 6V1

Finalized Date: 2-MAY-2009
Account: MGMAM

CERTIFICATE TB09038579

Project: SD09-093 BL

P.O. No.:

This report is for 39 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 22-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 2-MAY-2009
Account: MGMAM

Project: SD09-093 BL

CERTIFICATE OF ANALYSIS TB09038579

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740097		4.49	<0.5	7.03	8	560	2.3	<2	0.84	<0.5	20	104	35	3.29	20	2.29
H740098		4.14	<0.5	6.43	<5	850	1.8	<2	0.32	<0.5	1	21	8	0.79	20	4.72
H740099		0.70	<0.5	6.45	10	260	2.1	<2	0.76	<0.5	4	34	22	1.96	20	0.98
H740100		0.72	<0.5	6.12	8	230	1.9	<2	1.68	<0.5	3	21	11	1.34	20	0.77
H740101		0.98	<0.5	6.23	<5	240	1.6	<2	3.43	<0.5	17	97	149	3.69	20	0.98
H740102		3.32	0.6	5.36	13	310	1.3	<2	5.94	<0.5	50	423	174	7.71	10	0.63
H740103		3.49	0.6	3.56	7	90	0.9	<2	4.14	0.5	98	1100	494	8.97	10	0.40
H740104		2.26	0.7	3.35	<5	180	0.8	<2	3.67	<0.5	103	1500	515	8.93	10	0.37
H740105		2.29	0.9	3.17	<5	130	0.8	<2	3.57	<0.5	109	1620	528	9.19	10	0.33
H740106		2.25	0.8	3.07	12	160	0.7	<2	3.40	<0.5	112	1640	905	9.18	10	0.30
H740107		2.34	1.5	2.98	28	140	0.7	<2	3.01	<0.5	132	1650	1870	9.50	10	0.32
H740108		2.30	1.0	3.70	68	250	0.9	<2	2.41	<0.5	105	1400	1210	8.56	10	0.33
H740109		2.25	1.8	2.54	29	60	0.7	<2	2.90	<0.5	141	1610	2430	10.05	10	0.24
H740110		0.09	0.6	5.99	<5	860	0.9	<2	1.28	<0.5	3	32	24	1.49	10	2.03
H740111		2.28	1.3	2.90	39	120	0.6	<2	3.15	<0.5	126	1610	1645	9.81	10	0.29
H740112		2.24	0.8	2.92	54	110	0.6	<2	3.28	<0.5	118	1520	1170	9.58	10	0.28
H740113		2.31	0.6	3.22	44	90	0.7	<2	3.79	<0.5	106	1490	746	9.13	10	0.23
H740114		2.25	1.9	3.08	75	120	0.9	<2	3.36	<0.5	123	1400	2030	9.58	10	0.27
H740115		2.36	0.7	3.31	20	120	0.8	<2	3.90	<0.5	105	1480	863	8.86	10	0.34
H740116		2.22	1.2	3.35	26	160	0.7	<2	3.34	<0.5	116	1440	2020	9.58	10	0.41
H740117		2.25	1.9	3.15	34	90	0.9	<2	3.14	<0.5	136	1410	2460	9.79	10	0.36
H740118		2.17	2.7	3.15	40	50	0.8	<2	3.01	<0.5	183	1310	5010	10.95	10	0.23
H740119		2.52	2.1	3.30	17	40	0.8	<2	3.04	<0.5	141	1670	3380	9.97	10	0.20
H740120		0.09	1.1	3.02	<5	150	0.7	<2	3.25	<0.5	109	2420	842	8.83	10	0.32
H740121		2.32	1.5	3.66	12	100	0.9	<2	3.60	<0.5	105	1760	1670	9.04	10	0.31
H740122		2.30	3.3	3.62	7	130	0.9	<2	3.41	<0.5	114	1660	3830	9.41	10	0.34
H740123		2.32	2.5	3.67	14	70	0.9	<2	4.01	0.7	90	1570	3910	8.90	10	0.23
H740124		2.11	0.8	4.00	18	100	0.9	<2	4.06	<0.5	76	1270	711	8.57	10	0.36
H740125		0.76	10.5	4.93	47	190	0.9	<2	2.65	2.8	251	239	8590	11.90	10	0.84
H740126		2.63	0.5	7.34	15	510	2.0	<2	0.63	<0.5	26	106	360	4.19	20	2.61
H740127		1.67	<0.5	6.87	6	470	1.5	<2	0.59	<0.5	17	41	895	2.56	20	2.07
H740128		4.06	<0.5	7.39	5	420	2.3	<2	0.51	<0.5	23	57	14	2.94	20	2.44
H740129		1.77	<0.5	7.62	7	390	1.3	<2	0.63	<0.5	10	44	5	2.86	20	1.60
H740130		1.94	<0.5	7.51	<5	350	1.3	<2	0.63	<0.5	9	43	3	2.68	20	1.46
H740131		4.23	<0.5	7.90	7	530	1.9	<2	0.77	<0.5	15	80	30	3.36	20	2.50
H740132		3.34	0.8	7.78	8	190	2.0	<2	3.20	<0.5	43	9	33	7.98	20	0.48
H740133		2.90	1.1	7.89	7	170	2.0	<2	3.13	<0.5	42	10	44	8.19	20	0.49
H740134		4.05	<0.5	7.80	5	340	1.3	<2	0.73	<0.5	13	56	11	2.99	20	1.90
H740135		4.10	<0.5	7.81	<5	330	1.2	<2	0.71	<0.5	15	64	12	2.99	20	1.72

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

Finalized Date: 2-MAY-2009
Account: MGMAM

Project: SD09-093 BL

CERTIFICATE OF ANALYSIS TB09038579

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740097		20	1.65	470	5	1.95	80	700	15	0.77	<5	10	177	<20	0.27	<10
H740098		20	0.21	162	<1	1.62	8	390	7	0.26	<5	2	154	<20	0.02	<10
H740099		10	0.65	237	<1	3.85	20	560	4	0.80	<5	3	163	<20	0.08	<10
H740100		10	0.41	246	<1	3.96	13	420	3	0.49	<5	3	166	<20	0.05	<10
H740101		20	1.17	621	<1	3.19	61	980	4	0.64	<5	11	196	<20	0.69	<10
H740102		30	5.31	2200	<1	2.00	143	1110	23	0.17	<5	27	388	<20	1.28	<10
H740103		20	10.85	1450	<1	0.57	718	840	23	0.25	<5	18	236	<20	0.84	<10
H740104		20	11.45	1330	<1	0.66	814	660	4	0.26	<5	16	349	<20	0.77	<10
H740105		20	12.20	1365	1	0.53	914	720	<2	0.29	<5	16	289	<20	0.76	<10
H740106		20	12.05	1305	<1	0.44	1030	700	4	0.67	<5	15	255	<20	0.72	<10
H740107		20	11.70	1300	<1	0.44	1430	680	5	2.18	<5	13	283	<20	0.65	<10
H740108		20	11.10	1480	1	0.56	988	890	4	3.00	5	10	283	<20	0.69	<10
H740109		20	12.00	1395	<1	0.20	1390	690	5	2.50	<5	14	116	<20	0.60	<10
H740110		10	0.24	556	<1	2.46	7	180	6	0.01	<5	4	170	<20	0.11	<10
H740111		20	12.35	1460	<1	0.18	1240	710	4	2.77	<5	15	128	<20	0.62	<10
H740112		10	12.15	1525	<1	0.18	1020	660	3	2.44	<5	16	146	<20	0.65	<10
H740113		10	11.60	1380	<1	0.32	874	630	4	2.07	<5	17	253	<20	0.74	<10
H740114		20	11.15	1245	<1	0.30	1310	730	6	3.57	<5	16	412	<20	0.65	<10
H740115		20	10.70	1380	<1	0.42	880	790	4	1.16	5	18	218	<20	0.87	<10
H740116		20	10.95	1435	<1	0.41	1260	780	4	2.54	<5	17	254	<20	0.74	<10
H740117		20	11.10	1400	<1	0.39	1460	840	9	3.53	<5	16	241	<20	0.67	<10
H740118		20	10.15	1445	<1	0.45	2310	770	7	5.06	<5	15	237	<20	0.68	<10
H740119		20	10.55	1595	<1	0.43	1810	770	12	2.19	<5	15	184	<20	0.81	<10
H740120		20	12.60	1295	<1	0.73	1170	650	3	0.29	6	15	342	<20	0.73	<10
H740121		20	10.80	1380	<1	0.62	1140	910	10	0.62	5	17	311	<20	0.87	<10
H740122		20	10.05	1245	<1	0.68	1440	770	13	1.20	6	16	330	<20	0.85	10
H740123		20	9.91	1615	<1	0.67	1100	860	16	0.94	5	18	227	<20	0.85	<10
H740124		20	9.17	1675	<1	0.89	631	870	3	1.17	5	20	277	<20	0.91	<10
H740125		20	3.41	882	<1	1.40	4750	1080	217	6.61	<5	20	254	<20	0.72	<10
H740126		20	1.84	360	<1	2.23	133	660	8	1.46	<5	13	261	<20	0.34	<10
H740127		20	1.15	241	<1	2.42	91	870	2	0.72	<5	7	251	<20	0.18	<10
H740128		10	1.53	288	<1	2.58	42	560	6	0.56	<5	8	230	<20	0.27	<10
H740129		10	1.29	307	1	3.54	31	520	6	0.19	<5	7	368	<20	0.22	<10
H740130		10	1.23	289	1	3.56	29	490	5	0.18	<5	6	367	<20	0.21	<10
H740131		20	1.47	407	<1	2.45	49	590	20	0.62	<5	10	308	<20	0.28	<10
H740132		40	2.45	945	1	3.69	16	1850	27	4.57	<5	15	415	<20	1.57	<10
H740133		40	2.59	888	<1	3.67	18	1800	38	4.02	<5	15	442	<20	1.63	<10
H740134		10	1.33	376	<1	2.95	34	550	9	0.45	<5	8	306	<20	0.25	<10
H740135		20	1.31	397	<1	2.94	36	590	8	0.13	<5	9	301	<20	0.26	<10

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Finalized Date: 2-MAY-2009
Account: MGMAM

Project: SD09-093 BL

CERTIFICATE OF ANALYSIS TB09038579

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740097		<10	82	<10	62	0.001	0.0010	0.001			
H740098		<10	2	<10	5	0.001	<0.0005	<0.001			
H740099		10	22	<10	17	0.002	0.0015	0.001			
H740100		10	13	<10	11	0.002	0.0009	0.001			
H740101		<10	119	<10	39	0.003	0.0439	0.042			
H740102		<10	258	<10	139	0.003	0.0182	0.014			
H740103		<10	174	<10	274	0.009	0.146	0.150			
H740104		<10	160	<10	102	0.010	0.168	0.165			
H740105		<10	155	<10	103	0.009	0.157	0.155			
H740106		<10	149	<10	104	0.020	0.352	0.351			
H740107		<10	139	<10	103	0.030	0.576	0.605			
H740108		<10	136	<10	92	0.020	0.458	0.460			
H740109		<10	141	<10	104	0.041	0.822	0.821			
H740110		<10	15	<10	28	0.002	0.0039	0.002			
H740111		<10	153	<10	102	0.029	0.541	0.550			
H740112		<10	153	<10	102	0.025	0.431	0.419			
H740113		<10	164	<10	115	0.014	0.270	0.267			
H740114		<10	162	<10	129	0.033	0.812	0.808			
H740115		<10	179	<10	118	0.023	0.388	0.385			
H740116		<10	165	<10	103	0.041	0.730	0.731			
H740117		<10	161	<10	109	0.039	0.807	0.839			
H740118		<10	158	<10	98	0.089	>1.00	>1.00	0.09	1.64	1.62
H740119		<10	163	<10	107	0.066	>1.00	>1.00	0.09	1.34	1.30
H740120		<10	151	<10	101	0.094	0.361	0.338			
H740121		<10	176	<10	98	0.040	0.657	0.627			
H740122		<10	172	<10	100	0.080	>1.00	>1.00	0.11	1.50	1.42
H740123		<10	176	<10	233	0.102	>1.00	>1.00	0.14	1.75	1.53
H740124		<10	195	<10	144	0.022	0.319	0.288			
H740125		<10	184	<10	362	0.046	>1.00	>1.00	0.06	3.50	3.76
H740126		<10	113	<10	58	0.006	0.113	0.106			
H740127		<10	53	<10	25	0.008	0.501	0.575			
H740128		<10	69	<10	40	0.002	0.0028	0.002			
H740129		<10	57	<10	51	0.001	0.0025	0.002			
H740130		<10	54	<10	47	0.001	0.0014	0.001			
H740131		<10	78	<10	51	0.002	0.0014	0.001			
H740132		<10	205	<10	97	0.002	0.0008	<0.001			
H740133		<10	221	<10	116	0.003	0.0008	0.001			
H740134		<10	68	<10	48	0.001	0.0013	0.001			
H740135		<10	73	<10	50	0.001	0.0016	0.001			

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

Finalized Date: 4-MAY-2009
Account: MGMAM

CERTIFICATE TB09040550

Project: SD09-094 BL

P.O. No.:

This report is for 33 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4-MAY-2009
Account: MGMAM

Project: SD09-094 BL

CERTIFICATE OF ANALYSIS TB09040550

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740136		3.74	<0.5	8.06	6	620	1.4	<2	0.99	<0.5	21	138	6	4.22	20	2.10
H740137		4.38	<0.5	7.58	10	810	1.3	<2	1.20	<0.5	21	115	26	3.90	20	2.39
H740138		1.44	<0.5	5.77	11	280	1.3	<2	5.43	<0.5	45	235	122	7.13	20	0.84
H740139		2.30	<0.5	4.05	57	60	1.0	<2	4.82	<0.5	87	909	171	9.11	10	0.23
H740140		0.09	<0.5	6.44	5	930	1.0	<2	1.38	<0.5	2	21	16	1.58	10	2.17
H740141		2.30	<0.5	3.59	49	30	0.9	<2	4.77	<0.5	94	1250	304	8.98	10	0.18
H740142		2.25	<0.5	3.50	28	300	0.9	<2	3.97	<0.5	100	1290	185	9.03	10	0.39
H740143		2.34	<0.5	3.60	6	220	0.9	<2	4.23	<0.5	101	1475	383	9.35	10	0.35
H740144		2.18	<0.5	3.58	11	170	0.9	<2	4.17	<0.5	104	1505	460	9.32	10	0.33
H740145		2.29	<0.5	3.59	8	190	0.8	<2	4.22	1.0	101	1540	340	9.21	10	0.28
H740146		2.39	0.5	3.68	5	150	0.9	<2	3.52	<0.5	121	1635	1410	9.87	10	0.30
H740147		2.31	0.5	3.53	<5	150	0.8	<2	3.95	<0.5	117	1470	971	9.71	10	0.32
H740148		2.30	<0.5	3.73	<5	130	0.9	<2	4.19	<0.5	88	1320	147	9.45	10	0.28
H740149		2.14	<0.5	3.53	5	80	0.8	<2	3.60	<0.5	119	1460	274	9.99	10	0.29
H740150		0.10	1.1	3.50	<5	170	0.8	<2	3.62	<0.5	121	2510	919	9.86	10	0.37
H740151		2.26	<0.5	3.53	<5	70	0.9	<2	4.05	<0.5	112	1550	446	9.95	10	0.24
H740152		2.31	<0.5	3.73	<5	180	0.8	2	4.07	<0.5	114	1550	635	9.99	10	0.35
H740153		2.13	<0.5	3.46	<5	220	0.8	<2	4.02	<0.5	128	1695	1090	10.45	10	0.38
H740154		2.27	<0.5	3.60	8	160	0.8	<2	4.06	<0.5	114	1585	923	9.86	10	0.43
H740155		2.41	0.7	3.59	39	170	0.9	<2	3.82	<0.5	120	1535	1270	9.98	10	0.37
H740156		2.35	<0.5	3.53	16	170	0.8	<2	3.99	<0.5	102	1570	375	9.41	10	0.43
H740157		2.25	<0.5	3.63	<5	160	0.8	<2	4.02	<0.5	101	1605	302	9.39	10	0.42
H740158		2.28	<0.5	3.89	5	180	0.9	2	4.12	<0.5	97	1575	263	9.30	10	0.42
H740159		1.15	<0.5	4.01	<5	180	0.9	<2	4.44	<0.5	99	1540	264	9.57	10	0.42
H740160		1.07	<0.5	3.89	<5	180	0.9	<2	4.31	<0.5	95	1525	216	9.37	10	0.41
H740161		2.37	0.9	3.88	8	130	0.9	<2	4.36	0.5	106	1350	1660	9.53	10	0.40
H740162		2.25	1.9	3.95	18	40	0.9	3	4.63	0.8	100	1305	2020	9.89	10	0.21
H740163		2.76	4.3	4.29	31	80	1.2	6	3.90	2.0	264	846	8540	12.50	10	0.25
H740164		2.33	<0.5	8.23	7	880	2.2	2	1.47	<0.5	25	130	367	4.88	20	1.89
H740165		1.69	1.5	8.21	7	130	2.2	<2	2.93	<0.5	45	12	2090	8.30	20	0.56
H740166		4.48	<0.5	8.25	5	670	3.0	2	1.24	0.6	17	107	47	4.01	20	1.90
H740167		2.17	<0.5	8.13	6	440	3.1	<2	2.04	<0.5	22	24	67	4.55	30	1.74
H740168		4.88	<0.5	7.74	<5	370	1.9	3	1.01	<0.5	15	104	21	3.16	20	2.17

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

Finalized Date: 4-MAY-2009
Account: MGMAM

Project: SD09-094 BL

CERTIFICATE OF ANALYSIS TB09040550

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740136		20	1.92	504	<1	2.99	76	850	2	0.85	<5	12	319	<20	0.33	<10
H740137		20	1.64	435	<1	2.99	68	820	2	0.67	<5	12	335	<20	0.36	<10
H740138		20	4.71	1275	<1	2.01	162	1050	4	1.53	<5	23	312	<20	1.07	<10
H740139		20	9.81	1470	1	1.03	566	910	3	2.60	<5	21	280	<20	0.85	<10
H740140		10	0.21	597	<1	2.68	1	190	6	0.01	<5	5	186	<20	0.12	<10
H740141		20	10.45	1600	<1	0.69	672	910	7	1.63	<5	19	138	<20	0.85	<10
H740142		20	11.35	1370	<1	0.68	744	780	<2	0.66	<5	17	453	<20	0.79	<10
H740143		20	11.05	1350	<1	0.72	817	940	<2	0.37	<5	19	394	<20	0.91	<10
H740144		20	11.40	1390	<1	0.72	863	870	<2	0.48	<5	18	386	<20	0.86	<10
H740145		20	11.75	1360	<1	0.48	807	890	38	0.21	<5	18	285	<20	0.87	<10
H740146		20	11.55	1300	<1	0.62	1210	820	3	0.78	<5	17	309	<20	0.89	<10
H740147		20	11.15	1320	<1	0.67	990	750	<2	0.75	<5	19	315	<20	0.85	<10
H740148		20	10.85	1400	<1	0.65	650	900	2	0.39	<5	19	330	<20	0.91	<10
H740149		20	11.25	1350	<1	0.53	821	920	4	0.81	<5	17	245	<20	0.84	<10
H740150		20	13.80	1430	1	0.88	1355	770	<2	0.32	<5	17	378	<20	0.82	<10
H740151		20	12.05	1450	<1	0.41	859	890	<2	0.54	<5	19	226	<20	0.92	<10
H740152		20	12.50	1440	<1	0.56	974	720	<2	0.41	<5	19	367	<20	0.88	<10
H740153		20	12.40	1440	<1	0.64	1175	950	<2	0.73	<5	18	423	<20	0.87	<10
H740154		20	12.15	1410	<1	0.70	1055	820	<2	0.45	<5	18	442	<20	0.87	<10
H740155		20	12.70	1540	2	0.60	1165	800	7	1.48	<5	18	412	<20	0.78	<10
H740156		20	11.65	1400	<1	0.60	829	930	<2	0.58	<5	19	340	<20	0.88	<10
H740157		20	11.65	1380	<1	0.69	822	880	<2	0.21	<5	19	419	<20	0.90	<10
H740158		20	11.45	1380	<1	0.93	779	870	<2	0.13	<5	19	426	<20	0.93	<10
H740159		20	11.50	1400	<1	0.74	767	950	<2	0.16	<5	20	391	<20	0.98	<10
H740160		20	11.35	1380	<1	0.75	735	940	<2	0.14	<5	20	394	<20	0.95	<10
H740161		20	10.60	1430	<1	0.70	1005	920	41	0.72	<5	20	346	<20	0.94	<10
H740162		20	10.30	1740	<1	0.87	1055	960	7	2.15	<5	22	474	<20	0.86	<10
H740163		20	7.61	1740	<1	1.39	4300	1000	25	5.29	<5	19	234	<20	0.96	<10
H740164		30	2.13	654	<1	2.95	136	880	66	1.11	<5	12	463	<20	0.42	<10
H740165		40	3.13	1100	1	3.55	236	1960	9	2.12	<5	17	339	<20	1.69	<10
H740166		20	1.49	538	<1	3.03	60	830	29	1.32	<5	11	329	<20	0.31	<10
H740167		20	1.76	673	<1	3.35	22	1270	23	1.29	<5	10	222	<20	0.87	<10
H740168		10	1.30	509	<1	2.84	55	640	7	0.60	<5	11	241	<20	0.28	<10

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

Finalized Date: 4-MAY-2009
Account: MGMAM

Project: SD09-094 BL

CERTIFICATE OF ANALYSIS TB09040550

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740136		<10	101	<10	56	<0.001	0.0025	0.002			
H740137		<10	109	<10	41	<0.001	0.0025	0.002			
H740138		<10	231	<10	80	0.001	0.0170	0.012			
H740139		<10	189	<10	118	0.003	0.0315	0.023			
H740140		<10	16	<10	28	<0.001	0.0006	<0.001			
H740141		<10	181	<10	165	0.006	0.0781	0.064			
H740142		<10	166	<10	103	0.003	0.0451	0.033			
H740143		<10	184	<10	106	0.007	0.107	0.095			
H740144		<10	179	<10	110	0.009	0.155	0.136			
H740145		<10	175	<10	146	0.007	0.104	0.091			
H740146		<10	180	<10	107	0.027	0.490	0.445			
H740147		<10	172	<10	103	0.020	0.319	0.283			
H740148		<10	186	<10	101	0.003	0.0412	0.036			
H740149		<10	174	<10	99	0.004	0.0563	0.042			
H740150		<10	169	<10	114	0.112	0.384	0.355			
H740151		<10	182	<10	107	0.007	0.0992	0.079			
H740152		<10	179	<10	110	0.013	0.227	0.205			
H740153		<10	179	<10	120	0.025	0.407	0.354			
H740154		<10	174	<10	110	0.023	0.369	0.327			
H740155		<10	170	<10	131	0.030	0.491	0.429			
H740156		<10	182	<10	119	0.009	0.125	0.102			
H740157		<10	187	<10	110	0.012	0.0863	0.072			
H740158		<10	185	<10	106	0.008	0.0681	0.059			
H740159		<10	197	<10	110	0.006	0.0737	0.061			
H740160		<10	191	<10	106	0.005	0.0487	0.037			
H740161		<10	193	<10	153	0.051	0.674	0.599			
H740162		<10	198	<10	248	0.061	0.807	0.753			
H740163		<10	194	<10	319	0.153	>1.00	>1.00	0.18	3.42	3.45
H740164		<10	105	<10	74	0.015	0.170	0.140			
H740165		<10	220	<10	140	0.078	>1.00	0.948	0.08	1.10	0.96
H740166		<10	92	<10	161	0.003	0.0063	0.005			
H740167		<10	120	<10	78	0.002	0.0159	0.013			
H740168		<10	89	<10	40	<0.001	0.0029	0.002			

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

Finalized Date: 3-MAY-2009
Account: MGMAM

CERTIFICATE TB09039399

Project: SD09-095 BL

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 3-MAY-2009
Account: MGMAM

Project: SD09-095 BL

CERTIFICATE OF ANALYSIS TB09039399

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740169		4.03	<0.5	6.83	6	640	1.7	<2	0.26	<0.5	2	12	6	1.17	20	4.02
H740170		0.09	<0.5	6.20	7	890	1.0	<2	1.33	<0.5	2	20	15	1.51	10	2.06
H740171		4.32	<0.5	6.65	5	700	1.7	<2	0.39	<0.5	2	8	4	1.15	20	3.96
H740172		4.13	<0.5	7.57	8	560	2.0	<2	4.16	<0.5	37	4	25	7.87	20	0.96
H740173		4.25	<0.5	7.25	10	470	1.9	<2	3.89	<0.5	63	52	30	11.60	20	0.55
H740174		2.93	<0.5	7.07	14	410	1.9	<2	3.93	<0.5	61	33	45	10.40	20	1.08
H740175		2.59	<0.5	7.53	6	500	2.1	<2	3.96	<0.5	40	9	37	8.36	20	0.85
H740176		4.12	<0.5	6.61	<5	760	1.5	<2	0.31	<0.5	2	8	<1	1.16	20	4.03
H740177		4.34	<0.5	6.54	<5	710	1.5	<2	0.40	<0.5	2	10	1	1.15	20	3.79

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Finalized Date: 3-MAY-2009
Account: MGMAM

Project: SD09-095 BL

CERTIFICATE OF ANALYSIS TB09039399

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740169		50	0.31	123	<1	2.38	3	260	20	0.22	<5	4	163	30	0.10	<10
H740170		10	0.19	574	<1	2.53	1	180	7	<0.01	<5	5	176	<20	0.11	<10
H740171		40	0.23	94	<1	2.41	2	250	22	0.71	<5	4	174	20	0.09	<10
H740172		40	2.43	921	<1	3.24	9	1920	20	4.57	<5	15	451	<20	1.45	<10
H740173		40	3.23	1245	<1	2.74	54	1680	16	3.25	<5	15	459	<20	1.96	<10
H740174		40	2.91	1205	<1	2.45	40	1580	23	5.02	<5	14	563	<20	1.73	<10
H740175		40	2.88	978	<1	2.82	17	1820	15	4.63	<5	15	464	<20	1.47	<10
H740176		50	0.30	117	<1	2.35	2	280	27	0.30	<5	4	146	20	0.10	<10
H740177		40	0.26	104	<1	2.41	2	270	31	0.41	<5	4	123	20	0.09	<10

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

Finalized Date: 3-MAY-2009
Account: MGMAM

Project: SD09-095 BL

CERTIFICATE OF ANALYSIS TB09039399

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740169		<10	10	<10	12	0.001	0.0039	0.003
H740170		<10	15	<10	27	<0.001	0.0014	0.001
H740171		<10	8	<10	9	0.001	0.0017	0.001
H740172		<10	195	<10	97	0.001	0.0016	0.001
H740173		<10	382	<10	147	0.001	0.0011	0.001
H740174		<10	324	<10	136	0.001	0.0010	0.001
H740175		<10	224	<10	112	0.001	0.0042	0.002
H740176		20	7	<10	14	<0.001	<0.0005	<0.001
H740177		10	6	<10	10	<0.001	0.0005	<0.001

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

Finalized Date: 5-MAY-2009
Account: MGMAM

CERTIFICATE TB09042511

Project: SD09-096 BL

P.O. No.:

This report is for 67 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 30-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-096 BL

CERTIFICATE OF ANALYSIS TB09042511

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740178		4.05	<0.5	6.69	<5	830	1.3	<2	0.16	<0.5	2	20	11	1.21	20	4.28
H740179		4.05	<0.5	6.73	<5	950	1.1	<2	0.15	<0.5	3	18	11	1.36	20	4.57
H740180		0.10	0.7	3.07	<5	150	0.7	<2	3.37	<0.5	115	2430	852	9.11	10	0.34
H740181		3.26	0.5	6.82	9	360	1.4	<2	0.14	<0.5	31	65	94	4.21	20	2.05
H740182		2.72	<0.5	6.55	<5	200	1.5	<2	0.31	<0.5	32	41	60	5.55	20	1.20
H740183		0.75	<0.5	6.21	5	2880	1.9	<2	3.37	<0.5	44	216	306	8.45	20	0.68
H740184		2.72	<0.5	5.79	7	800	1.6	<2	5.79	<0.5	49	268	181	8.33	20	0.80
H740185		3.23	<0.5	5.04	<5	220	1.1	<2	5.88	<0.5	53	493	149	7.99	20	0.47
H740186		1.55	<0.5	4.14	22	70	1.0	<2	3.28	<0.5	94	1000	490	9.05	10	0.23
H740187		1.63	1.3	3.19	97	210	1.0	<2	2.64	<0.5	110	1310	1055	9.47	10	0.14
H740188		1.97	<0.5	2.97	57	70	0.7	<2	1.43	<0.5	124	1670	1255	9.32	10	0.13
H740189		0.90	1.2	2.53	36	710	0.7	<2	5.46	<0.5	103	1500	1050	8.70	10	0.20
H740190		0.80	1.1	2.48	60	450	0.7	<2	5.89	<0.5	98	1380	964	8.10	10	0.18
H740191		2.20	1.0	2.96	10	110	0.7	<2	3.33	<0.5	129	1930	1545	10.00	10	0.30
H740192		2.20	0.5	2.87	32	80	0.7	<2	2.85	<0.5	123	1960	1160	9.83	10	0.26
H740193		2.13	1.2	2.87	9	90	0.7	<2	3.17	<0.5	132	1920	1975	9.96	10	0.28
H740194		2.10	1.3	2.73	23	100	0.6	<2	3.05	<0.5	144	1940	2250	10.35	10	0.21
H740195		2.26	0.5	2.86	8	60	0.6	<2	3.26	<0.5	126	2030	919	9.83	10	0.23
H740196		2.01	0.7	2.70	<5	110	0.6	<2	3.14	<0.5	125	1980	1085	9.77	10	0.30
H740197		2.20	0.7	2.64	8	140	0.6	<2	2.96	<0.5	129	2110	1085	9.76	10	0.38
H740198		2.12	<0.5	2.77	<5	130	0.6	<2	3.17	<0.5	119	2110	696	9.63	10	0.33
H740199		2.29	1.5	2.50	<5	110	0.6	<2	2.80	<0.5	152	2200	2640	10.50	10	0.28
H740200		0.09	<0.5	5.99	<5	890	0.9	<2	1.32	<0.5	3	28	18	1.52	10	2.06
H740201		2.21	0.9	2.51	<5	90	0.6	2	2.84	0.9	146	2330	2340	10.70	10	0.24
H740202		2.45	1.1	2.41	52	150	0.9	4	2.38	0.8	151	2210	2830	10.70	10	0.21
H740203		2.12	1.5	2.47	25	110	0.7	<2	2.64	0.6	158	2350	3010	11.10	10	0.21
H740204		2.26	1.0	2.55	<5	130	0.6	3	3.01	0.9	141	2460	2470	10.70	10	0.23
H740205		2.21	1.6	2.53	<5	130	0.6	2	3.05	0.8	154	2410	3600	11.15	10	0.21
H740206		2.37	1.5	2.64	<5	130	0.6	3	3.18	0.9	140	2700	2760	10.60	10	0.23
H740207		2.23	0.7	2.77	5	130	0.6	<2	3.33	0.7	137	2860	2130	10.40	10	0.22
H740208		2.15	<0.5	3.02	<5	140	0.7	<2	3.65	0.5	108	2940	623	9.56	10	0.27
H740209		2.28	<0.5	2.94	<5	90	0.7	<2	3.48	0.6	110	2660	1315	9.49	10	0.22
H740210		0.13	<0.5	3.01	<5	150	0.7	<2	3.26	0.5	108	2470	794	9.26	10	0.32
H740211		2.26	1.0	3.16	7	110	0.7	2	3.45	0.7	131	2220	2380	10.20	10	0.26
H740212		2.28	1.4	3.66	9	130	0.8	2	3.86	0.9	119	1690	2660	10.20	10	0.35
H740213		2.63	0.5	3.83	<5	210	0.9	<2	4.07	0.7	98	1510	1565	9.59	20	0.37
H740214		1.95	<0.5	3.13	<5	110	0.6	<2	3.25	0.6	123	2420	1195	10.25	10	0.25
H740215		2.30	<0.5	3.25	<5	150	0.8	<2	3.16	<0.5	111	2370	738	9.52	10	0.33
H740216		2.26	<0.5	3.06	<5	140	0.7	2	2.90	<0.5	114	2680	753	9.53	10	0.31
H740217		2.19	<0.5	2.60	5	110	0.6	4	2.68	0.5	123	2730	907	9.81	10	0.27

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

Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-096 BL

CERTIFICATE OF ANALYSIS TB09042511

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740178		60	0.26	114	<1	2.08	5	240	5	0.76	<5	2	146	30	0.10	<10
H740179		50	0.26	88	<1	2.08	5	240	3	0.89	<5	2	133	30	0.10	<10
H740180		20	12.95	1315	1	0.76	1180	660	5	0.30	<5	15	349	<20	0.76	<10
H740181		60	1.13	179	1	2.73	73	120	9	3.01	<5	13	81	<20	0.96	<10
H740182		30	2.25	332	1	2.69	29	650	6	2.26	<5	18	81	<20	1.04	<10
H740183		40	3.95	1910	1	2.33	96	1570	39	0.74	<5	27	419	<20	1.53	<10
H740184		30	5.06	2260	<1	1.95	120	1260	17	0.22	<5	27	593	<20	1.34	<10
H740185		20	6.57	2020	<1	1.73	177	970	9	0.34	<5	29	402	<20	1.16	<10
H740186		20	10.75	1655	<1	0.77	641	830	34	0.77	<5	16	226	<20	0.97	<10
H740187		20	13.20	1430	<1	0.17	1035	740	13	2.82	<5	15	73	<20	0.62	<10
H740188		20	14.00	1460	1	0.07	1185	740	11	1.86	<5	15	42	<20	0.69	<10
H740189		20	12.25	1480	<1	0.24	1045	610	12	1.51	<5	12	169	<20	0.55	<10
H740190		20	12.05	1495	1	0.23	935	560	12	1.52	<5	12	318	<20	0.53	<10
H740191		20	12.95	1375	<1	0.49	1310	670	8	0.92	<5	15	260	<20	0.74	10
H740192		20	13.25	1420	<1	0.29	1135	680	9	1.28	<5	15	169	<20	0.70	<10
H740193		20	12.60	1370	1	0.33	1370	660	11	1.19	<5	15	207	<20	0.73	<10
H740194		10	12.85	1360	<1	0.35	1555	660	14	1.87	<5	14	225	<20	0.63	<10
H740195		10	13.60	1395	<1	0.31	1145	660	6	0.57	<5	15	195	<20	0.72	<10
H740196		10	13.45	1370	<1	0.37	1205	690	9	0.71	<5	14	263	<20	0.67	<10
H740197		10	13.60	1375	<1	0.41	1200	650	8	0.63	<5	14	283	<20	0.66	<10
H740198		10	13.75	1380	<1	0.41	1085	610	8	0.39	<5	14	281	<20	0.68	<10
H740199		10	13.45	1365	2	0.39	1585	610	13	1.19	<5	13	240	<20	0.63	<10
H740200		10	0.21	565	<1	2.52	4	180	8	<0.01	<5	4	169	<20	0.11	<10
H740201		10	13.90	1355	1	0.38	1580	570	8	1.08	<5	14	226	<20	0.64	<10
H740202		10	13.50	1545	1	0.37	1760	620	38	2.68	<5	14	229	<20	0.56	<10
H740203		20	13.75	1450	<1	0.42	1920	620	22	2.28	<5	14	256	<20	0.58	<10
H740204		20	14.05	1355	1	0.53	1730	580	8	1.02	<5	15	290	<20	0.64	<10
H740205		20	13.45	1330	<1	0.59	2090	610	11	1.54	<5	15	283	<20	0.69	<10
H740206		20	13.80	1340	<1	0.60	1820	580	6	0.94	<5	15	317	<20	0.68	<10
H740207		20	13.05	1320	<1	0.64	1835	670	<2	0.68	<5	16	334	<20	0.75	<10
H740208		20	13.10	1325	1	0.72	1135	740	3	0.32	<5	17	378	<20	0.80	<10
H740209		20	12.60	1280	<1	0.57	1355	730	4	0.49	<5	16	310	<20	0.75	<10
H740210		20	12.90	1280	1	0.79	1185	660	3	0.28	<5	15	337	<20	0.75	<10
H740211		20	12.45	1315	<1	0.67	1640	830	6	1.10	<5	16	334	<20	0.78	<10
H740212		20	11.20	1320	1	0.77	1555	750	7	1.14	<5	18	388	<20	0.88	<10
H740213		20	10.60	1305	1	0.81	1060	890	9	0.54	<5	19	407	<20	0.95	<10
H740214		10	13.05	1330	<1	0.67	1325	640	3	0.56	<5	15	328	<20	0.78	<10
H740215		20	12.55	1250	<1	0.87	1145	760	3	0.40	<5	14	335	<20	0.77	<10
H740216		20	13.05	1240	1	0.80	1180	620	<2	0.27	<5	13	311	<20	0.71	10
H740217		20	13.85	1270	<1	0.44	1325	520	4	0.67	<5	13	273	<20	0.63	<10

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

Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-096 BL

CERTIFICATE OF ANALYSIS TB09042511

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740178		<10	10	<10	35	0.002	<0.0005	<0.001			
H740179		<10	9	<10	8	0.001	0.0008	<0.001			
H740180		<10	155	<10	103	0.116	0.392	0.362			
H740181		<10	180	<10	23	0.005	0.0881	0.083			
H740182		<10	209	<10	43	0.002	0.0045	0.004			
H740183		<10	274	<10	89	0.004	0.0154	0.007			
H740184		<10	263	<10	119	0.005	0.0143	0.008			
H740185		<10	248	<10	106	0.003	0.0211	0.015			
H740186		<10	182	<10	154	0.011	0.140	0.145			
H740187		<10	154	<10	130	0.025	0.403	0.401			
H740188		<10	153	<10	109	0.030	0.432	0.439			
H740189		<10	125	<10	127	0.027	0.442	0.422			
H740190		<10	119	<10	114	0.026	0.398	0.390			
H740191		<10	153	<10	108	0.034	0.574	0.563			
H740192		<10	153	<10	115	0.031	0.491	0.493			
H740193		<10	155	<10	112	0.048	0.734	0.734			
H740194		<10	147	<10	123	0.051	0.836	0.866			
H740195		<10	151	<10	108	0.032	0.357	0.346			
H740196		<10	143	<10	103	0.043	0.450	0.454			
H740197		<10	139	<10	108	0.013	0.444	0.452			
H740198		<10	138	<10	104	0.022	0.276	0.277			
H740199		<10	133	<10	126	0.055	0.951	0.975			
H740200		<10	15	<10	28	0.002	0.0019	0.002			
H740201		<10	139	<10	121	0.059	0.926	0.924			
H740202		<10	134	<10	161	0.065	>1.00	>1.00	0.07	1.10	1.06
H740203		<10	140	<10	130	0.066	>1.00	>1.00	0.07	1.16	1.12
H740204		<10	145	<10	106	0.059	1.000	1.000	0.07	1.01	0.95
H740205		<10	148	<10	107	0.086	>1.00	>1.00	0.09	1.41	1.36
H740206		<10	152	<10	106	0.084	>1.00	>1.00	0.09	1.41	1.27
H740207		<10	162	<10	103	0.056	>1.00	0.954	0.06	1.05	0.96
H740208		<10	168	<10	101	0.020	0.298	0.263			
H740209		<10	161	<10	98	0.044	0.699	0.626			
H740210		<10	158	<10	101	0.102	0.359	0.332			
H740211		<10	165	<10	102	0.068	>1.00	>1.00	0.08	1.20	1.11
H740212		<10	179	<10	103	0.080	>1.00	>1.00	0.09	1.34	1.20
H740213		<10	193	<10	101	0.054	0.839	0.751			
H740214		<10	169	<10	103	0.033	0.543	0.455			
H740215		<10	164	<10	97	0.018	0.294	0.276			
H740216		<10	153	<10	97	0.022	0.350	0.311			
H740217		<10	144	<10	100	0.025	0.416	0.367			

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

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

Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-096 BL

CERTIFICATE OF ANALYSIS TB09042511

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740218		2.31	<0.5	2.70	19	90	0.6	<2	2.58	<0.5	126	2640	1185	9.86	10	0.32
H740219		1.19	<0.5	2.53	<5	110	0.6	3	2.53	0.5	125	2770	724	9.82	10	0.29
H740220		0.94	<0.5	2.50	<5	100	0.5	3	2.54	<0.5	126	2870	620	9.93	10	0.29
H740221		2.27	0.5	2.69	5	140	0.6	<2	2.19	<0.5	136	2890	1460	10.25	10	0.37
H740222		2.17	0.7	2.44	6	90	0.5	3	2.18	0.5	161	3080	2100	11.65	10	0.31
H740223		2.30	0.6	2.25	<5	80	<0.5	5	1.97	0.5	158	2980	1925	11.10	10	0.25
H740224		2.48	<0.5	2.63	13	120	0.8	<2	2.06	<0.5	141	2780	996	10.75	10	0.37
H740225		2.02	<0.5	2.43	<5	90	0.5	3	2.13	0.6	139	3070	870	10.80	10	0.29
H740225 CRD		0.02	<0.5	2.46	<5	90	0.5	<2	2.15	0.6	142	3130	851	10.90	10	0.30
H740226		2.32	1.0	2.40	11	80	0.5	2	1.97	0.5	142	3250	1180	10.80	10	0.29
H740227		2.15	<0.5	2.56	8	90	0.5	2	2.11	0.6	141	3260	1200	10.75	10	0.28
H740228		2.19	0.5	2.50	9	90	0.5	2	1.98	<0.5	137	2610	1305	10.55	10	0.31
H740229		2.00	<0.5	2.49	<5	90	0.5	3	1.93	<0.5	134	2690	680	10.35	10	0.29
H740230		0.09	<0.5	6.55	<5	900	1.0	2	1.34	<0.5	3	25	15	1.54	10	2.03
H740231		2.25	<0.5	2.62	<5	100	0.5	4	2.06	0.6	134	2730	711	10.55	10	0.29
H740232		2.09	<0.5	2.67	<5	100	0.5	<2	2.62	<0.5	126	3060	404	10.40	10	0.29
H740233		2.30	<0.5	3.08	<5	120	0.6	2	3.08	0.8	127	2650	1020	10.40	10	0.28
H740234		2.24	<0.5	3.40	<5	120	0.6	<2	3.38	<0.5	111	2520	323	10.05	10	0.28
H740235		2.25	<0.5	3.57	5	130	0.7	<2	2.86	0.8	142	2090	1745	11.80	10	0.30
H740236		2.29	0.9	4.86	8	230	1.2	3	3.07	0.7	154	1340	2330	13.50	20	0.48
H740237		1.27	<0.5	4.35	<5	1290	1.1	<2	3.06	0.6	124	1630	652	11.50	20	0.55
H740238		2.42	<0.5	7.02	8	850	1.3	<2	0.89	<0.5	11	61	63	2.50	20	4.28
H740239		2.80	<0.5	8.32	15	760	2.3	<2	2.83	<0.5	39	7	39	8.86	20	0.51
H740240		0.09	<0.5	3.34	<5	170	0.8	<2	3.62	<0.5	121	2470	874	10.25	10	0.36
H740241		1.80	<0.5	7.11	<5	960	1.9	<2	0.44	<0.5	6	10	11	1.96	20	3.32
H740242		5.01	<0.5	7.25	<5	770	1.7	<2	0.22	<0.5	2	7	3	1.25	20	3.76
H740243		4.18	<0.5	6.27	<5	760	1.2	<2	0.22	<0.5	1	8	1	1.12	20	4.96

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

Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-096 BL

CERTIFICATE OF ANALYSIS TB09042511

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740218		20	13.80	1275	<1	0.48	1440	620	5	1.46	<5	12	263	<20	0.59	<10
H740219		20	14.80	1275	<1	0.54	1340	550	<2	0.38	<5	12	284	<20	0.62	<10
H740220		10	15.00	1290	<1	0.50	1310	520	<2	0.33	<5	12	270	<20	0.62	<10
H740221		20	14.35	1275	<1	0.69	1665	560	<2	0.85	<5	10	293	<20	0.61	<10
H740222		10	15.30	1400	<1	0.43	1980	530	4	1.42	<5	11	257	<20	0.62	<10
H740223		10	15.00	1325	<1	0.35	1875	510	3	0.97	<5	10	227	<20	0.57	<10
H740224		20	14.95	1445	<1	0.50	1500	600	2	1.28	<5	11	225	<20	0.60	<10
H740225		10	14.95	1355	<1	0.43	1430	550	3	0.85	<5	11	233	<20	0.62	<10
H740225 CRD		10	15.15	1370	<1	0.44	1420	560	<2	0.83	<5	11	237	<20	0.62	<10
H740226		10	15.00	1370	<1	0.41	1575	550	3	0.89	<5	12	185	<20	0.65	<10
H740227		10	14.70	1340	<1	0.42	1595	570	4	0.77	<5	12	201	<20	0.66	<10
H740228		10	14.75	1335	<1	0.42	1610	570	2	1.14	<5	12	171	<20	0.63	<10
H740229		10	14.60	1310	1	0.41	1430	520	3	0.92	<5	12	186	<20	0.64	10
H740230		10	0.20	565	<1	2.64	2	180	8	<0.01	<5	5	176	<20	0.11	<10
H740231		10	14.70	1345	<1	0.47	1370	540	4	0.86	<5	12	212	<20	0.68	<10
H740232		10	14.35	1340	<1	0.56	1200	640	3	1.15	<5	13	291	<20	0.72	<10
H740233		20	13.25	1310	<1	0.67	1350	690	4	0.82	<5	14	346	<20	0.78	<10
H740234		20	12.75	1305	<1	0.82	1050	690	<2	0.77	<5	15	393	<20	0.87	<10
H740235		20	11.60	1355	<1	0.84	1530	940	4	2.93	<5	12	429	<20	0.98	<10
H740236		30	10.40	1470	1	1.35	1605	1120	5	1.53	<5	13	566	<20	1.25	<10
H740237		20	11.65	1350	1	1.08	929	890	5	1.46	<5	14	596	<20	0.97	<10
H740238		30	0.98	343	<1	2.25	41	380	8	0.71	<5	4	180	<20	0.25	<10
H740239		50	3.26	1610	1	4.03	20	1970	11	0.82	<5	17	388	<20	1.75	<10
H740240		20	14.30	1425	1	0.88	1300	740	3	0.29	<5	17	370	<20	0.82	<10
H740241		30	0.64	186	<1	2.88	4	420	16	0.56	<5	4	258	<20	0.24	<10
H740242		30	0.27	91	<1	2.84	2	270	18	0.61	<5	4	162	20	0.08	<10
H740243		30	0.15	79	<1	1.64	2	250	23	0.69	<5	3	106	<20	0.06	<10

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

Finalized Date: 5-MAY-2009
Account: MGMAM

Project: SD09-096 BL

CERTIFICATE OF ANALYSIS TB09042511

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740218		<10	140	<10	100	0.031	0.524	0.480			
H740219		<10	136	<10	100	0.018	0.198	0.172			
H740220		<10	139	<10	102	0.016	0.161	0.140			
H740221		<10	129	<10	104	0.036	0.573	0.514			
H740222		<10	140	<10	118	0.050	0.826	0.760			
H740223		<10	127	<10	129	0.047	0.714	0.668			
H740224		<10	130	<10	113	0.022	0.351	0.330			
H740225		<10	136	<10	109	0.021	0.281	0.271			
H740225 CRD		<10	137	<10	110	0.021	0.283	0.274			
H740226		<10	140	<10	111	0.028	0.416	0.383			
H740227		<10	142	<10	108	0.030	0.413	0.381			
H740228		<10	136	<10	113	0.031	0.459	0.409			
H740229		<10	138	<10	106	0.016	0.200	0.202			
H740230		10	15	<10	28	0.002	0.0009	0.001			
H740231		<10	143	<10	111	0.017	0.233	0.222			
H740232		<10	152	<10	107	0.009	0.119	0.113			
H740233		<10	166	<10	104	0.025	0.349	0.318			
H740234		<10	177	<10	103	0.008	0.0895	0.079			
H740235		<10	183	<10	120	0.038	0.564	0.513			
H740236		<10	231	<10	144	0.045	0.643	0.586			
H740237		<10	190	<10	124	0.011	0.0859	0.081			
H740238		10	34	<10	25	0.002	0.0039	0.003			
H740239		<10	226	<10	172	<0.001	0.0009	0.001			
H740240		<10	169	<10	112	0.112	0.379	0.352			
H740241		20	28	<10	31	0.002	0.0022	0.002			
H740242		20	7	<10	7	0.001	0.0010	0.001			
H740243		10	7	<10	4	0.001	0.0006	<0.001			

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

Finalized Date: 4-MAY-2009
Account: MGMAM

CERTIFICATE TB09042510

Project: SD09-097 BL

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 30-APR-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 4-MAY-2009
Account: MGMAM

Project: SD09-097 BL

CERTIFICATE OF ANALYSIS TB09042510

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740244		3.22	<0.5	7.57	<5	350	6.1	<2	1.94	<0.5	24	112	21	4.81	20	1.20
H740245		4.49	<0.5	6.39	<5	150	2.2	2	0.50	<0.5	1	16	5	0.54	30	2.98
H740246		3.87	<0.5	6.72	<5	230	1.7	<2	0.45	<0.5	1	22	5	0.66	30	2.89
H740247		3.78	<0.5	7.59	5	510	1.7	<2	3.83	<0.5	37	9	12	7.42	20	1.01
H740248		3.89	0.6	6.76	13	230	1.6	<2	3.37	<0.5	74	22	168	11.50	20	0.34
H740249		4.12	<0.5	7.36	<5	410	1.7	<2	3.84	<0.5	56	43	33	10.30	20	0.78
H740250		0.09	<0.5	6.17	7	910	1.0	<2	1.36	<0.5	3	31	16	1.57	10	2.14
H740251		1.56	<0.5	6.74	<5	340	1.9	<2	0.26	<0.5	3	20	8	0.94	30	2.71
H740252		4.49	<0.5	7.98	<5	430	3.8	<2	0.97	<0.5	21	137	47	3.69	20	1.74

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Finalized Date: 4-MAY-2009
Account: MGMAM

Project: SD09-097 BL

CERTIFICATE OF ANALYSIS TB09042510

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740244		20	1.65	752	<1	2.84	49	940	18	0.67	<5	12	322	<20	0.67	<10
H740245		<10	0.06	521	<1	2.32	1	370	16	0.11	<5	3	42	<20	0.02	<10
H740246		<10	0.09	477	<1	1.99	3	300	12	0.21	<5	4	58	<20	0.03	<10
H740247		40	2.52	945	1	2.79	11	1910	7	1.71	<5	14	512	<20	1.57	<10
H740248		30	3.67	1375	3	1.53	31	1670	14	5.64	<5	13	363	<20	1.62	<10
H740249		40	2.97	1375	<1	2.60	43	1690	8	0.73	<5	14	521	<20	1.95	<10
H740250		10	0.20	586	<1	2.60	3	190	7	<0.01	<5	5	173	<20	0.12	<10
H740251		<10	0.11	460	<1	1.96	5	370	15	0.38	<5	4	113	<20	0.04	<10
H740252		30	1.24	480	1	2.31	63	610	12	0.55	<5	14	279	<20	0.38	<10

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Finalized Date: 4-MAY-2009
Account: MGMAM

Project: SD09-097 BL

CERTIFICATE OF ANALYSIS TB09042510

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740244		<10	130	<10	67	0.001	0.0014	0.001
H740245		10	1	<10	8	0.001	<0.0005	<0.001
H740246		10	1	<10	6	0.001	<0.0005	<0.001
H740247		<10	196	<10	109	0.002	<0.0005	<0.001
H740248		<10	243	<10	154	0.001	<0.0005	<0.001
H740249		<10	319	<10	154	0.001	<0.0005	<0.001
H740250		<10	16	<10	29	0.001	<0.0005	<0.001
H740251		10	5	<10	20	0.001	<0.0005	<0.001
H740252		<10	106	<10	73	0.001	0.0014	0.001

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

Finalized Date: 14-MAY-2009
Account: MGMAM

CERTIFICATE TB09043949

Project: SD09-098 BL

P.O. No.:

This report is for 8 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 14-MAY-2009
Account: MGMAM

Project: SD09-098 BL

CERTIFICATE OF ANALYSIS TB09043949

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740253		4.34	<0.5	6.79	<5	480	2.0	<2	0.38	<0.5	1	12	7	0.95	20	3.75
H740254		4.11	<0.5	6.46	<5	580	1.9	<2	0.90	6.7	1	8	4	0.99	20	4.46
H740255		3.70	<0.5	7.78	10	420	1.8	<2	3.17	<0.5	39	16	36	9.52	20	1.21
H740256		4.51	<0.5	7.16	<5	340	1.6	<2	2.94	<0.5	53	45	43	11.70	20	0.94
H740257		3.19	<0.5	7.52	6	570	1.8	<2	3.36	<0.5	37	13	28	9.05	20	1.19
H740258		4.42	<0.5	7.22	<5	490	2.1	<2	0.52	<0.5	1	7	2	0.97	30	4.61
H740259		1.94	<0.5	6.74	<5	420	2.1	<2	0.76	<0.5	1	7	3	0.78	20	3.93
H740260		2.06	<0.5	6.68	<5	410	2.1	<2	0.81	<0.5	1	6	2	0.77	20	3.99

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

Finalized Date: 14-MAY-2009
Account: MGMAM

Project: SD09-098 BL

CERTIFICATE OF ANALYSIS TB09043949

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740253		30	0.30	105	<1	2.32	21	310	20	0.16	<5	3	111	20	0.08	<10
H740254		30	0.21	126	<1	1.90	9	510	34	0.60	<5	3	120	20	0.08	<10
H740255		40	3.18	1455	<1	3.30	28	1830	6	0.61	8	15	300	<20	1.78	<10
H740256		30	3.24	1385	<1	2.98	53	1580	5	0.84	5	14	306	<20	1.97	<10
H740257		40	2.69	1130	<1	3.15	26	1700	29	1.01	10	14	362	<20	1.69	<10
H740258		50	0.30	106	<1	1.68	5	400	10	0.11	<5	3	113	30	0.11	<10
H740259		40	0.22	113	<1	1.83	5	430	13	0.11	<5	3	108	20	0.08	<10
H740260		40	0.23	106	<1	1.75	4	450	10	0.12	<5	3	105	20	0.09	<10

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Finalized Date: 14-MAY-2009
Account: MGMAM

Project: SD09-098 BL

CERTIFICATE OF ANALYSIS TB09043949

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740253		10	9	<10	28	<0.001	0.0005	0.001
H740254		10	8	<10	1200	0.001	0.0006	0.002
H740255		<10	264	<10	134	<0.001	0.0006	<0.001
H740256		<10	359	<10	147	<0.001	0.0007	<0.001
H740257		<10	245	<10	127	0.001	0.0006	<0.001
H740258		10	14	<10	10	0.005	0.0008	0.001
H740259		10	10	<10	13	0.002	0.0005	<0.001
H740260		10	10	<10	12	0.001	0.0005	<0.001

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

Finalized Date: 20-MAY-2009
Account: MGMAM

CERTIFICATE TB09044020

Project: SD09-099 BL

P.O. No.:

This report is for 54 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 20-MAY-2009
Account: MGMAM

Project: SD09-099 BL

CERTIFICATE OF ANALYSIS TB09044020

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H740261		3.92	<0.5	6.69	<5	750	1.8	<2	0.21	<0.5	<1	6	<1	0.95	20	4.37
H740262		4.06	<0.5	6.67	5	890	1.6	<2	0.21	<0.5	<1	8	2	1.02	20	4.59
H740263		1.64	<0.5	4.73	6	270	1.8	3	1.88	<0.5	28	214	297	5.25	10	0.58
H740264		3.45	<0.5	4.47	22	190	1.1	<2	4.56	<0.5	77	1040	183	9.18	10	0.28
H740265		2.25	<0.5	3.96	60	100	0.9	<2	4.07	<0.5	86	1060	624	9.75	10	0.25
H740266		2.42	<0.5	3.04	48	490	0.7	<2	6.17	<0.5	82	1300	416	8.89	10	0.19
H740267		2.53	<0.5	2.94	22	1650	0.9	<2	7.25	<0.5	77	1150	449	8.23	10	0.14
H740268		2.26	<0.5	3.16	<5	2840	1.0	<2	5.58	<0.5	87	1110	293	9.46	10	0.20
H740269		2.43	<0.5	3.05	5	4510	0.9	<2	5.31	<0.5	73	1130	197	8.33	10	0.17
H740270		0.09	0.6	3.06	<5	170	0.7	<2	3.32	<0.5	107	2330	808	9.42	10	0.32
H740271		2.40	<0.5	3.86	<5	200	0.9	<2	4.91	<0.5	92	1590	228	9.95	10	0.34
H740272		2.19	<0.5	3.55	15	240	0.8	<2	4.03	<0.5	96	1840	213	9.68	10	0.31
H740273		2.24	<0.5	3.50	9	250	0.8	<2	3.94	<0.5	98	1950	126	9.78	10	0.37
H740274		2.22	<0.5	3.38	9	770	0.8	<2	3.66	<0.5	97	2070	202	9.47	10	0.35
H740275		2.26	<0.5	3.57	<5	160	0.8	<2	4.03	<0.5	104	2150	210	10.10	10	0.45
H740276		2.32	<0.5	3.41	<5	140	0.8	<2	3.96	<0.5	118	2020	1115	10.30	10	0.41
H740277		2.22	<0.5	3.28	<5	150	0.7	<2	4.00	<0.5	95	1690	559	9.39	10	0.40
H740278		2.29	<0.5	3.48	<5	150	0.7	<2	4.17	<0.5	103	1870	533	9.99	10	0.39
H740279		2.25	<0.5	3.13	<5	120	0.6	<2	3.59	<0.5	113	1990	952	9.94	10	0.35
H740280		0.09	<0.5	6.46	<5	950	1.0	<2	1.41	<0.5	2	33	24	1.65	10	2.15
H740281		2.15	0.5	3.08	30	140	0.8	<2	3.33	<0.5	115	2080	982	9.98	10	0.34
H740282		2.21	0.8	2.97	22	160	0.7	<2	3.19	<0.5	116	2300	1070	9.85	10	0.35
H740283		2.30	0.6	3.02	16	150	0.8	<2	3.22	<0.5	112	2380	726	9.95	10	0.38
H740284		2.24	<0.5	3.13	24	130	0.8	<2	3.38	<0.5	109	2490	373	9.98	10	0.33
H740285		2.43	1.4	3.04	6	140	0.6	<2	3.07	<0.5	136	2410	2080	10.50	10	0.31
H740286		2.40	2.7	2.79	14	110	0.6	<2	2.76	0.5	179	2830	4450	12.05	10	0.24
H740287		2.02	2.6	2.53	31	120	0.7	<2	2.68	0.5	162	2270	3760	11.65	10	0.19
H740288		2.15	2.9	2.72	5	110	0.5	<2	2.88	0.6	173	2120	4060	12.15	10	0.20
H740289		1.17	2.1	2.49	8	80	<0.5	<2	2.62	<0.5	166	2260	3480	11.60	10	0.17
H740290		0.87	2.6	2.57	<5	90	<0.5	<2	2.66	0.5	173	2210	3760	12.10	10	0.17
H740291		2.19	2.9	2.77	84	120	0.6	<2	2.60	0.6	204	2030	5120	12.95	10	0.19
H740292		2.18	3.5	2.71	6	80	<0.5	<2	2.77	0.7	169	2260	4940	12.05	10	0.15
H740293		2.24	2.0	2.88	<5	110	0.5	<2	2.78	<0.5	142	2280	2930	10.80	10	0.22
H740294		2.21	1.2	2.96	<5	140	0.7	<2	2.83	<0.5	124	2400	1835	10.15	10	0.31
H740295		2.31	2.1	2.85	<5	130	0.6	<2	2.57	0.6	158	2900	3850	11.45	10	0.26
H740296		2.24	4.2	2.50	<5	100	0.5	<2	2.27	0.9	200	2490	7150	13.05	10	0.18
H740297		2.25	5.1	2.41	<5	90	0.5	<2	2.22	0.9	205	2480	8440	13.20	10	0.17
H740298		2.31	5.9	2.78	13	110	0.6	<2	2.75	1.5	165	2620	7620	12.30	10	0.24
H740299		2.29	0.7	3.20	<5	130	0.7	<2	2.86	<0.5	133	2790	1260	11.20	10	0.31
H740300		0.10	1.1	3.11	<5	160	0.7	2	3.43	<0.5	109	2530	827	9.71	10	0.33

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

Finalized Date: 20-MAY-2009
Account: MGMAM

Project: SD09-099 BL

CERTIFICATE OF ANALYSIS TB09044020

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740261		30	0.21	115	<1	2.24	7	280	10	0.28	<5	3	153	20	0.06	<10
H740262		20	0.21	84	<1	2.20	3	270	19	0.40	6	2	156	<20	0.06	<10
H740263		20	2.50	968	<1	1.77	134	1050	11	2.10	<5	16	262	<20	0.93	<10
H740264		20	9.53	1470	<1	1.07	510	1000	3	0.95	<5	22	367	<20	1.04	<10
H740265		20	10.50	1290	<1	0.75	648	930	4	2.57	<5	22	261	<20	0.85	10
H740266		10	11.15	1395	<1	0.57	608	650	2	1.32	<5	31	259	<20	0.74	<10
H740267		10	10.40	1490	<1	0.67	542	530	7	0.46	<5	37	217	<20	0.80	<10
H740268		10	12.10	1555	<1	0.50	596	650	6	0.28	<5	32	359	<20	0.87	<10
H740269		20	12.15	1720	<1	0.45	536	610	2	0.27	<5	20	841	<20	0.80	<10
H740270		20	13.25	1340	1	0.76	1170	700	4	0.31	<5	15	350	<20	0.76	<10
H740271		20	12.15	1525	<1	0.91	723	1340	4	0.16	<5	22	432	<20	1.08	<10
H740272		20	12.55	1445	<1	0.80	784	1020	2	0.38	<5	19	404	<20	0.93	<10
H740273		20	13.10	1455	<1	0.77	795	850	<2	0.42	<5	18	425	<20	0.89	10
H740274		20	12.95	1415	<1	0.79	827	760	<2	0.36	<5	17	413	<20	0.85	<10
H740275		20	13.65	1485	<1	0.83	886	880	<2	0.08	<5	18	402	<20	0.92	<10
H740276		20	12.95	1435	<1	0.74	1265	850	<2	0.50	<5	18	399	<20	0.89	<10
H740277		20	11.90	1360	<1	0.61	868	770	3	0.22	<5	18	388	<20	0.89	<10
H740278		20	13.15	1440	<1	0.68	958	890	<2	0.35	<5	19	412	<20	0.89	<10
H740279		20	13.30	1390	<1	0.61	1200	760	<2	0.55	<5	17	363	<20	0.79	<10
H740280		10	0.23	607	<1	2.79	5	200	6	0.01	<5	5	182	<20	0.12	<10
H740281		20	13.85	1475	<1	0.59	1265	810	5	1.05	<5	16	358	<20	0.74	<10
H740282		20	13.85	1405	<1	0.57	1315	750	2	0.66	<5	16	323	<20	0.73	<10
H740283		20	14.10	1445	<1	0.64	1215	760	5	0.55	<5	16	314	<20	0.77	<10
H740284		20	14.05	1455	<1	0.58	1040	750	2	0.65	<5	17	315	<20	0.78	<10
H740285		20	13.95	1380	<1	0.63	1785	660	2	0.81	<5	15	321	<20	0.75	<10
H740286		10	14.45	1400	<1	0.59	2710	590	3	1.92	<5	13	299	<20	0.69	10
H740287		10	14.00	1445	<1	0.45	2360	600	6	2.00	<5	14	242	<20	0.67	<10
H740288		10	14.95	1445	<1	0.53	2500	620	4	1.67	<5	14	282	<20	0.70	<10
H740289		10	13.85	1365	<1	0.41	2360	490	4	1.71	<5	13	243	<20	0.66	<10
H740290		10	14.35	1420	<1	0.43	2580	510	4	1.87	<5	14	251	<20	0.69	<10
H740291		10	13.90	1490	<1	0.48	3340	580	6	3.95	<5	14	272	<20	0.74	<10
H740292		10	14.15	1400	<1	0.48	2830	670	5	1.97	<5	14	278	<20	0.77	<10
H740293		10	13.45	1315	<1	0.67	2080	780	4	1.02	<5	13	306	<20	0.75	<10
H740294		20	13.65	1305	1	0.76	1510	630	3	0.55	<5	13	301	<20	0.72	<10
H740295		20	14.30	1360	<1	0.67	2500	610	4	1.40	<5	13	279	<20	0.70	<10
H740296		10	14.85	1410	<1	0.52	3720	570	6	2.65	<5	12	259	<20	0.66	<10
H740297		10	14.10	1360	<1	0.46	3690	530	5	3.51	<5	11	246	<20	0.64	<10
H740298		10	13.65	1535	<1	0.54	2530	630	6	2.96	<5	13	283	<20	0.74	<10
H740299		20	14.35	1445	<1	0.63	1445	740	3	1.05	<5	14	330	<20	0.83	<10
H740300		20	13.55	1380	<1	0.80	1195	710	<2	0.31	<5	16	357	<20	0.80	<10

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Finalized Date: 20-MAY-2009
Account: MGMAM

Project: SD09-099 BL

CERTIFICATE OF ANALYSIS TB09044020

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740261		10	5	<10	6	0.001	0.0005	<0.001			
H740262		10	5	<10	7	<0.001	0.0012	0.001			
H740263		<10	175	<10	66	0.006	0.118	0.110			
H740264		<10	212	<10	110	0.013	0.0452	0.038			
H740265		<10	197	<10	98	0.016	0.197	0.205			
H740266		<10	171	<10	90	0.011	0.112	0.095			
H740267		<10	185	<10	72	0.012	0.0848	0.075			
H740268		<10	187	<10	89	0.008	0.0790	0.060			
H740269		<10	158	<10	155	0.005	0.0524	0.045			
H740270		<10	153	<10	101	0.105	0.346	0.324			
H740271		<10	206	<10	108	0.008	0.0675	0.059			
H740272		<10	182	<10	103	0.006	0.0684	0.059			
H740273		<10	176	<10	99	0.004	0.0381	0.028			
H740274		<10	166	<10	106	0.006	0.0784	0.073			
H740275		<10	177	<10	101	0.008	0.0793	0.072			
H740276		<10	172	<10	98	0.028	0.501	0.470			
H740277		<10	171	<10	94	0.019	0.267	0.238			
H740278		<10	176	<10	100	0.016	0.248	0.224			
H740279		<10	158	<10	96	0.024	0.400	0.371			
H740280		<10	17	<10	28	0.002	0.0011	0.001			
H740281		<10	153	<10	110	0.025	0.408	0.383			
H740282		<10	149	<10	98	0.028	0.512	0.461			
H740283		<10	159	<10	97	0.020	0.319	0.289			
H740284		<10	164	<10	100	0.012	0.180	0.165			
H740285		<10	149	<10	99	0.053	0.965	0.901			
H740286		<10	147	<10	105	0.106	>1.00	>1.00	0.11	1.93	1.80
H740287		<10	144	<10	108	0.100	>1.00	>1.00	0.11	1.77	1.62
H740288		<10	148	<10	103	0.102	>1.00	>1.00	0.11	1.77	1.62
H740289		<10	141	<10	98	0.086	>1.00	>1.00	0.10	1.65	1.54
H740290		<10	147	<10	103	0.091	>1.00	>1.00	0.10	1.64	1.58
H740291		<10	149	<10	129	0.086	>1.00	>1.00	0.11	2.00	1.96
H740292		<10	153	<10	100	0.115	>1.00	>1.00	0.13	2.10	1.99
H740293		<10	147	<10	95	0.075	>1.00	>1.00	0.08	1.30	1.21
H740294		<10	145	<10	92	0.048	0.704	0.641			
H740295		<10	142	<10	102	0.103	>1.00	>1.00	0.10	1.54	1.42
H740296		<10	129	<10	102	0.143	>1.00	>1.00	0.16	2.70	2.51
H740297		<10	131	<10	102	0.177	>1.00	>1.00	0.21	3.49	3.20
H740298		<10	147	<10	143	0.232	>1.00	>1.00	0.23	3.04	2.67
H740299		<10	160	<10	106	0.028	0.385	0.371			
H740300		<10	157	<10	99	0.116	0.423	0.373			

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

Finalized Date: 20-MAY-2009
Account: MGMAM

Project: SD09-099 BL

CERTIFICATE OF ANALYSIS TB09044020

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740301		2.28	2.1	2.94	5	110	0.5	<2	2.67	0.7	145	2600	2840	11.40	10	0.24
H740302		2.26	1.7	2.98	<5	120	0.6	<2	2.89	0.6	154	2240	2640	11.75	10	0.26
H740303		2.25	2.1	2.82	<5	110	0.5	5	2.74	0.8	143	2430	2570	11.05	10	0.25
H740304		2.11	1.7	3.31	<5	130	0.6	<2	3.06	<0.5	160	1955	2710	11.70	10	0.29
H740305		2.38	2.1	3.25	8	130	0.6	<2	3.04	<0.5	213	1935	5100	12.95	10	0.27
H740305 CRD		0.04	2.0	3.30	7	130	0.6	<2	3.10	0.5	216	1760	5110	13.15	10	0.27
H740306		1.97	3.9	3.45	<5	140	0.6	<2	3.30	0.7	182	1785	6180	12.40	10	0.33
H740307		1.57	<0.5	3.71	13	1970	0.9	<2	2.79	<0.5	122	1640	634	11.05	10	0.54
H740308		3.64	<0.5	7.11	<5	1090	1.6	<2	3.81	<0.5	70	164	90	12.45	20	1.27
H740309		2.17	<0.5	7.07	6	1780	1.7	3	4.25	<0.5	53	37	49	10.55	20	1.34
H740310		0.09	<0.5	6.21	<5	910	1.0	<2	1.32	<0.5	2	19	19	1.59	10	2.09
H740311		3.31	<0.5	7.40	<5	850	1.8	4	3.32	<0.5	44	16	36	9.13	20	0.69
H740312		3.96	<0.5	6.70	<5	580	1.4	<2	0.22	<0.5	1	10	4	1.00	20	4.10
H740313		4.09	<0.5	5.23	<5	360	1.4	<2	0.23	<0.5	<1	10	4	0.65	10	3.59

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THUNDER BAY ON P7B 6V1

Finalized Date: 20-MAY-2009
Account: MGMAM

Project: SD09-099 BL

CERTIFICATE OF ANALYSIS TB09044020

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740301		20	13.55	1365	<1	0.61	2090	680	3	2.10	<5	13	295	<20	0.74	<10
H740302		20	14.40	1410	<1	0.55	2100	630	4	1.59	<5	14	335	<20	0.78	<10
H740303		10	13.55	1340	<1	0.56	1910	680	5	1.64	<5	13	316	<20	0.75	<10
H740304		10	13.90	1425	<1	0.65	2150	680	6	1.92	<5	14	352	<20	0.83	<10
H740305		20	12.45	1385	<1	0.66	3980	700	9	3.46	<5	14	357	<20	0.82	<10
H740305 CRD		20	12.75	1405	<1	0.67	3980	720	9	3.48	7	14	363	<20	0.83	<10
H740306		20	12.00	1355	<1	0.77	3370	710	11	3.62	<5	15	391	<20	0.89	<10
H740307		20	12.10	1450	<1	0.72	1025	780	7	1.40	<5	14	372	<20	0.93	<10
H740308		40	3.99	1495	<1	2.15	119	1610	3	0.73	13	14	731	<20	2.09	<10
H740309		40	2.79	1325	<1	2.45	49	1540	4	0.97	13	13	825	<20	1.92	<10
H740310		10	0.21	596	<1	2.65	1	190	7	<0.01	<5	5	175	<20	0.12	<10
H740311		40	3.13	1060	<1	2.94	27	1720	11	2.92	9	14	511	<20	1.73	<10
H740312		50	0.22	56	<1	2.29	3	280	19	0.55	<5	3	81	20	0.09	<10
H740313		20	0.12	59	<1	1.67	3	210	16	0.20	<5	2	66	<20	0.06	<10

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

Finalized Date: 20-MAY-2009
Account: MGMAM

Project: SD09-099 BL

CERTIFICATE OF ANALYSIS TB09044020

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H740301		<10	148	<10	99	0.066	0.955	0.902			
H740302		<10	150	<10	106	0.063	0.883	0.849			
H740303		<10	146	<10	101	0.071	0.966	0.963			
H740304		<10	164	<10	118	0.053	0.728	0.688			
H740305		<10	166	<10	115	0.076	>1.00	>1.00	0.08	1.30	1.28
H740305 CRD		<10	161	<10	116	0.071	>1.00	>1.00	0.08	1.40	1.38
H740306		<10	179	<10	102	0.133	>1.00	>1.00	0.15	1.86	1.77
H740307		<10	187	<10	118	0.015	0.157	0.144			
H740308		<10	379	<10	157	0.003	0.0072	0.007			
H740309		<10	326	<10	113	0.002	0.0017	0.001			
H740310		<10	16	<10	28	0.002	0.0006	<0.001			
H740311		<10	257	<10	125	0.002	0.0016	0.001			
H740312		<10	9	<10	204	0.002	0.0013	0.001			
H740313		10	5	<10	6	0.002	0.0012	0.001			

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THUNDER BAY ON P7B 6V1

Finalized Date: 26-MAY-2009
Account: MGMAM

CERTIFICATE TB09047243

Project: SD09-102 BL

P.O. No.:

This report is for 24 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26-MAY-2009
Account: MGMAM

Project: SD09-102 BL

CERTIFICATE OF ANALYSIS TB09047243

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740314		4.32	<0.5	7.05	<5	440	2.1	<2	0.39	<0.5	4	25	35	1.55	20	3.26
H740315		4.58	<0.5	7.88	12	300	2.8	<2	0.51	<0.5	18	106	30	3.43	20	2.44
H740316		1.67	<0.5	6.91	11	450	2.0	5	0.45	<0.5	15	62	6	2.63	20	2.26
H740317		1.11	<0.5	5.97	10	100	1.6	<2	4.03	<0.5	56	578	141	8.33	20	0.65
H740318		2.29	<0.5	3.65	12	910	0.7	<2	2.83	<0.5	110	2040	142	9.82	10	0.29
H740319		2.25	<0.5	3.30	8	120	0.7	<2	2.74	<0.5	108	1750	121	9.49	10	0.28
H740320		0.10	0.6	3.07	5	160	0.7	<2	3.42	<0.5	115	2380	816	9.38	10	0.33
H740321		2.25	<0.5	3.47	6	160	0.7	<2	3.17	<0.5	116	2150	124	10.15	10	0.27
H740322		2.21	<0.5	3.37	<5	170	0.7	<2	3.08	<0.5	118	2160	130	9.92	10	0.29
H740323		2.12	<0.5	3.07	<5	130	0.6	<2	2.64	<0.5	125	2300	201	10.00	10	0.25
H740324		2.20	<0.5	2.91	9	110	0.6	<2	2.39	<0.5	129	2660	268	10.25	10	0.28
H740325		2.08	<0.5	2.78	8	120	0.5	<2	2.27	<0.5	129	2700	266	10.30	10	0.28
H740326		2.10	<0.5	2.75	<5	100	0.6	<2	2.38	<0.5	131	2710	217	10.40	10	0.25
H740327		2.17	<0.5	2.74	33	120	0.7	<2	2.49	<0.5	125	2790	331	9.89	<10	0.29
H740328		2.12	<0.5	2.77	38	120	0.6	<2	2.28	<0.5	120	2600	262	9.87	10	0.24
H740329		1.14	<0.5	3.06	26	120	0.6	<2	2.60	<0.5	125	2680	318	10.40	10	0.23
H740330		1.05	<0.5	3.05	22	130	0.6	<2	2.46	<0.5	124	2740	290	10.40	10	0.22
H740331		2.17	<0.5	3.29	<5	130	0.7	<2	2.21	<0.5	127	2430	124	11.05	10	0.28
H740332		2.27	<0.5	4.08	<5	180	0.9	<2	3.16	<0.5	121	1300	80	11.70	10	0.36
H740333		1.62	<0.5	4.25	19	140	1.1	<2	2.88	<0.5	118	1240	56	11.90	10	0.29
H740334		2.88	<0.5	5.49	5	260	1.3	<2	2.73	<0.5	96	458	71	12.55	20	0.47
H740335		3.20	<0.5	7.51	<5	280	1.9	6	3.19	<0.5	59	48	41	9.78	20	0.66
H740336		5.09	<0.5	7.87	<5	410	2.7	<2	0.72	<0.5	13	88	5	3.23	20	2.03
H740337		5.32	<0.5	7.17	5	270	2.3	<2	0.90	<0.5	11	74	51	2.99	20	1.29

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

Finalized Date: 26-MAY-2009
Account: MGMAM

Project: SD09-102 BL

CERTIFICATE OF ANALYSIS TB09047243

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740314		30	0.71	164	4	2.41	17	330	23	0.62	<5	6	139	20	0.09	<10
H740315		20	1.81	441	<1	2.08	56	720	10	0.91	<5	12	152	<20	0.30	<10
H740316		20	1.33	282	2	2.65	40	530	8	1.21	<5	8	206	<20	0.20	<10
H740317		20	5.46	959	<1	2.05	261	1140	13	4.95	<5	20	142	<20	0.89	<10
H740318		20	12.60	1405	<1	0.49	900	790	<2	1.03	<5	15	825	<20	0.87	<10
H740319		20	12.80	1255	<1	0.57	908	710	<2	1.12	<5	14	371	<20	0.76	<10
H740320		20	13.75	1325	<1	0.80	1200	670	<2	0.29	<5	15	348	<20	0.75	<10
H740321		20	13.60	1355	<1	0.59	958	760	<2	0.41	<5	15	359	<20	0.85	<10
H740322		20	13.70	1315	<1	0.63	969	620	<2	0.26	8	14	357	<20	0.78	<10
H740323		20	14.25	1325	<1	0.56	1060	720	<2	0.50	<5	13	293	<20	0.70	<10
H740324		20	14.65	1350	<1	0.54	1115	660	<2	0.91	<5	13	260	<20	0.67	<10
H740325		20	15.10	1355	<1	0.48	1145	620	<2	1.37	<5	13	236	<20	0.62	<10
H740326		20	15.30	1370	<1	0.42	1165	640	<2	0.68	<5	13	199	<20	0.67	<10
H740327		20	14.15	1360	<1	0.42	1110	620	<2	1.51	<5	13	177	<20	0.58	<10
H740328		10	14.30	1425	<1	0.42	1115	610	<2	1.60	<5	12	214	<20	0.59	<10
H740329		10	13.80	1355	<1	0.52	1090	640	<2	2.06	<5	13	273	<20	0.59	<10
H740330		10	13.80	1340	<1	0.52	1075	630	<2	2.20	<5	13	272	<20	0.58	<10
H740331		20	13.05	1465	<1	0.50	851	860	<2	1.12	9	13	274	<20	0.76	<10
H740332		20	11.20	1450	<1	0.89	617	900	<2	0.30	5	13	473	<20	1.10	<10
H740333		20	10.80	1430	<1	0.74	582	1010	<2	2.27	7	13	341	<20	1.02	<10
H740334		30	6.38	1170	1	1.56	294	1320	6	4.36	8	13	396	<20	1.57	<10
H740335		50	3.69	1235	1	2.90	46	1630	11	1.98	6	14	398	<20	1.78	10
H740336		20	1.81	378	<1	2.76	54	660	2	0.44	<5	10	251	<20	0.24	<10
H740337		20	1.68	438	2	2.46	46	580	9	0.42	<5	10	212	<20	0.23	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 26-MAY-2009
Account: MGMAM

Project: SD09-102 BL

CERTIFICATE OF ANALYSIS TB09047243

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740314		10	19	<10	28	0.002	0.0005	<0.001
H740315		<10	98	10	49	0.002	0.0016	0.001
H740316		10	57	<10	38	0.001	0.0008	0.001
H740317		<10	222	<10	131	0.005	0.0266	0.023
H740318		<10	179	<10	109	0.005	0.0359	0.034
H740319		<10	158	<10	104	0.004	0.0292	0.027
H740320		<10	161	<10	102	0.127	0.405	0.376
H740321		<10	170	<10	107	0.005	0.0293	0.027
H740322		<10	163	<10	103	0.004	0.0309	0.028
H740323		<10	154	<10	106	0.006	0.0493	0.049
H740324		<10	152	<10	106	0.008	0.0722	0.071
H740325		<10	150	<10	102	0.007	0.0766	0.074
H740326		<10	154	<10	104	0.006	0.0673	0.063
H740327		<10	152	<10	108	0.008	0.0967	0.093
H740328		<10	152	<10	110	0.007	0.0752	0.070
H740329		<10	168	<10	109	0.009	0.0973	0.089
H740330		<10	168	<10	108	0.009	0.0891	0.081
H740331		<10	182	<10	113	0.004	0.0277	0.024
H740332		<10	215	<10	124	0.002	0.0064	0.006
H740333		<10	232	<10	137	0.002	0.0073	0.006
H740334		<10	340	<10	128	0.003	0.0037	0.004
H740335		<10	321	<10	133	0.003	0.0009	0.001
H740336		10	70	<10	39	0.002	0.0013	0.001
H740337		10	60	<10	51	0.001	0.0009	0.001

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

Finalized Date: 27-MAY-2009
Account: MGMAM

CERTIFICATE TB09047246

Project: SD09-100 BL

P.O. No.:

This report is for 8 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 27-MAY-2009
Account: MGMAM

Project: SD09-100 BL

CERTIFICATE OF ANALYSIS TB09047246

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740351		4.26	<0.5	6.80	<5	650	1.4	3	0.31	<0.5	3	5	1	1.18	20	3.81
H740352		3.93	<0.5	6.67	5	760	1.3	2	0.28	<0.5	1	8	2	1.10	20	4.05
H740353		3.37	<0.5	7.47	6	460	1.7	<2	3.13	<0.5	39	9	17	9.01	20	0.91
H740354		4.73	<0.5	6.93	8	420	1.5	7	3.07	<0.5	73	74	31	13.10	20	0.76
H740355		4.13	<0.5	7.16	10	260	1.7	3	2.87	<0.5	54	26	41	9.38	20	0.89
H740356		2.28	<0.5	6.93	8	980	1.7	2	1.98	<0.5	18	3	23	4.27	20	2.63
H740357		4.10	<0.5	6.26	<5	590	1.4	2	0.48	2.2	1	4	2	0.99	20	3.84
H740358		3.82	<0.5	6.31	<5	600	1.3	2	0.30	<0.5	1	10	2	0.94	20	3.70

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Finalized Date: 27-MAY-2009
Account: MGMAM

Project: SD09-100 BL

CERTIFICATE OF ANALYSIS TB09047246

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740351		40	0.30	107	<1	2.45	2	260	38	0.55	<5	3	156	30	0.11	<10
H740352		30	0.22	97	<1	2.34	3	260	28	0.60	<5	3	195	20	0.08	<10
H740353		40	3.09	1240	<1	3.13	26	1720	10	3.32	<5	14	260	<20	1.59	<10
H740354		30	3.26	1370	<1	2.56	78	1510	18	3.16	<5	13	283	<20	2.25	10
H740355		40	2.93	997	<1	2.67	35	1630	24	5.81	5	14	388	<20	1.75	<10
H740356		30	1.46	565	<1	2.64	8	990	19	1.49	<5	8	174	<20	0.79	<10
H740357		30	0.19	94	1	2.47	1	260	48	0.52	<5	2	120	20	0.08	<10
H740358		30	0.17	84	<1	2.32	1	260	21	0.27	<5	2	121	20	0.07	<10

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Finalized Date: 27-MAY-2009
Account: MGMAM

Project: SD09-100 BL

CERTIFICATE OF ANALYSIS TB09047246

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740351		10	10	<10	16	0.001	<0.0005	<0.001
H740352		<10	8	<10	10	0.002	<0.0005	<0.001
H740353		<10	225	<10	138	0.003	0.0013	0.001
H740354		<10	456	<10	164	0.005	0.0007	0.001
H740355		<10	286	<10	131	0.003	0.0013	0.001
H740356		<10	102	<10	130	0.002	<0.0005	<0.001
H740357		10	10	<10	477	0.001	<0.0005	<0.001
H740358		10	9	<10	7	0.002	<0.0005	<0.001

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

Finalized Date: 14-MAY-2009
Account: MGMAM

CERTIFICATE TB09043949

Project: SD09-098 BL

P.O. No.:

This report is for 8 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 14-MAY-2009
Account: MGMAM

Project: SD09-098 BL

CERTIFICATE OF ANALYSIS TB09043949

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740253		4.34	<0.5	6.79	<5	480	2.0	<2	0.38	<0.5	1	12	7	0.95	20	3.75
H740254		4.11	<0.5	6.46	<5	580	1.9	<2	0.90	6.7	1	8	4	0.99	20	4.46
H740255		3.70	<0.5	7.78	10	420	1.8	<2	3.17	<0.5	39	16	36	9.52	20	1.21
H740256		4.51	<0.5	7.16	<5	340	1.6	<2	2.94	<0.5	53	45	43	11.70	20	0.94
H740257		3.19	<0.5	7.52	6	570	1.8	<2	3.36	<0.5	37	13	28	9.05	20	1.19
H740258		4.42	<0.5	7.22	<5	490	2.1	<2	0.52	<0.5	1	7	2	0.97	30	4.61
H740259		1.94	<0.5	6.74	<5	420	2.1	<2	0.76	<0.5	1	7	3	0.78	20	3.93
H740260		2.06	<0.5	6.68	<5	410	2.1	<2	0.81	<0.5	1	6	2	0.77	20	3.99

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THUNDER BAY ON P7B 6V1

Finalized Date: 14-MAY-2009
Account: MGMAM

Project: SD09-098 BL

CERTIFICATE OF ANALYSIS TB09043949

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740253		30	0.30	105	<1	2.32	21	310	20	0.16	<5	3	111	20	0.08	<10
H740254		30	0.21	126	<1	1.90	9	510	34	0.60	<5	3	120	20	0.08	<10
H740255		40	3.18	1455	<1	3.30	28	1830	6	0.61	8	15	300	<20	1.78	<10
H740256		30	3.24	1385	<1	2.98	53	1580	5	0.84	5	14	306	<20	1.97	<10
H740257		40	2.69	1130	<1	3.15	26	1700	29	1.01	10	14	362	<20	1.69	<10
H740258		50	0.30	106	<1	1.68	5	400	10	0.11	<5	3	113	30	0.11	<10
H740259		40	0.22	113	<1	1.83	5	430	13	0.11	<5	3	108	20	0.08	<10
H740260		40	0.23	106	<1	1.75	4	450	10	0.12	<5	3	105	20	0.09	<10

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

Finalized Date: 14-MAY-2009
Account: MGMAM

Project: SD09-098 BL

CERTIFICATE OF ANALYSIS TB09043949

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740253		10	9	<10	28	<0.001	0.0005	0.001
H740254		10	8	<10	1200	0.001	0.0006	0.002
H740255		<10	264	<10	134	<0.001	0.0006	<0.001
H740256		<10	359	<10	147	<0.001	0.0007	<0.001
H740257		<10	245	<10	127	0.001	0.0006	<0.001
H740258		10	14	<10	10	0.005	0.0008	0.001
H740259		10	10	<10	13	0.002	0.0005	<0.001
H740260		10	10	<10	12	0.001	0.0005	<0.001

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

Finalized Date: 28-MAY-2009
Account: MGMAM

CERTIFICATE TB09047244

Project: SD09-101 BL

P.O. No.:

This report is for 75 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - 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

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-101 BL

CERTIFICATE OF ANALYSIS TB09047244

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740359		3.63	<0.5	6.27	<5	460	1.0	2	0.13	<0.5	4	22	7	1.45	20	4.10
H740360		0.09	0.5	3.00	<5	150	0.7	<2	3.21	<0.5	108	2330	792	8.97	10	0.33
H740361		3.93	<0.5	6.12	<5	530	0.9	3	0.11	<0.5	3	12	8	1.40	10	4.28
H740362		3.15	<0.5	5.95	9	340	1.2	2	2.12	0.7	32	209	60	4.72	20	2.29
H740363		3.77	<0.5	6.02	18	490	1.1	3	0.27	<0.5	22	149	42	3.67	20	3.13
H740364		3.61	<0.5	5.92	27	420	0.9	2	0.22	<0.5	14	103	7	3.21	10	4.37
H740365		3.66	0.5	6.07	22	420	0.9	<2	0.24	<0.5	18	119	8	3.75	10	3.72
H740366		3.78	<0.5	5.96	17	470	0.9	3	0.22	<0.5	15	112	7	3.08	20	3.94
H740367		2.07	<0.5	6.05	24	540	1.1	3	0.28	<0.5	23	158	64	3.68	20	3.35
H740368		3.73	<0.5	6.60	13	210	2.1	<2	0.66	<0.5	34	80	83	6.94	20	1.48
H740369		3.75	<0.5	6.91	11	560	1.9	<2	1.16	<0.5	42	37	106	6.98	20	0.98
H740370		0.09	<0.5	6.09	<5	870	0.9	2	1.29	<0.5	2	24	16	1.52	10	2.01
H740371		3.10	<0.5	5.04	12	1610	1.3	<2	5.86	<0.5	51	430	185	7.79	10	0.35
H740372		1.31	<0.5	3.50	<5	1640	0.9	<2	3.73	<0.5	99	1190	748	8.99	10	0.34
H740373		2.10	<0.5	3.30	13	260	0.9	<2	3.32	<0.5	97	1450	442	8.79	10	0.45
H740374		2.29	<0.5	3.22	<5	150	0.8	<2	3.51	<0.5	96	1540	369	8.96	10	0.42
H740375		2.24	<0.5	3.11	7	130	0.7	3	3.44	<0.5	97	1580	299	8.80	10	0.45
H740376		2.28	<0.5	3.25	20	180	0.7	<2	3.54	<0.5	101	1540	522	8.98	10	0.52
H740377		2.22	<0.5	3.21	39	180	0.7	3	3.66	<0.5	98	1570	385	9.14	10	0.55
H740378		2.28	<0.5	3.11	93	210	0.7	3	3.44	<0.5	100	1490	536	9.29	10	0.56
H740379		1.07	<0.5	3.33	106	200	0.7	2	3.46	<0.5	93	1450	300	8.75	10	0.60
H740380		1.02	<0.5	3.34	108	210	0.8	2	3.40	<0.5	94	1460	277	8.87	10	0.60
H740381		2.42	<0.5	3.22	10	140	0.7	2	3.77	<0.5	100	1580	497	9.05	10	0.54
H740382		2.86	<0.5	3.22	101	240	0.6	4	3.88	<0.5	99	1630	499	9.00	10	0.54
H740383		2.57	<0.5	3.14	102	250	0.6	4	3.66	<0.5	98	1710	246	8.94	10	0.57
H740384		2.44	<0.5	2.96	103	190	0.7	2	3.31	<0.5	103	1540	592	9.01	10	0.61
H740385		2.40	<0.5	2.90	86	220	0.6	2	3.42	<0.5	99	1620	405	8.79	10	0.59
H740386		2.49	<0.5	2.83	66	190	0.6	2	3.42	<0.5	105	1680	424	9.01	10	0.52
H740387		2.25	<0.5	2.82	39	160	0.6	4	3.49	<0.5	107	1840	304	9.51	10	0.56
H740388		2.29	<0.5	2.75	28	140	0.6	3	3.31	<0.5	114	1900	816	9.61	10	0.48
H740389		2.37	<0.5	2.77	<5	110	0.6	<2	3.29	<0.5	108	1900	304	9.28	10	0.49
H740390		0.10	0.5	3.12	<5	150	0.7	3	3.27	<0.5	111	2360	822	9.16	10	0.33
H740391		2.31	<0.5	2.77	14	130	0.7	<2	3.24	<0.5	110	2030	335	9.37	10	0.45
H740392		2.35	<0.5	2.68	<5	120	0.6	<2	3.13	<0.5	113	2160	539	9.40	10	0.43
H740393		2.50	<0.5	2.67	<5	130	0.7	<2	3.11	<0.5	117	2170	921	9.42	10	0.41
H740394		2.09	0.6	2.86	8	140	0.8	<2	3.22	<0.5	126	2420	1165	10.05	10	0.46
H740395		2.48	0.6	2.73	6	140	0.7	<2	3.17	<0.5	125	2720	1305	9.88	10	0.47
H740396		2.39	0.5	2.71	<5	120	0.7	<2	3.23	<0.5	118	3130	767	9.60	10	0.41
H740397		2.02	<0.5	2.67	<5	100	0.6	<2	3.31	<0.5	111	2980	403	9.31	10	0.31
H740398		2.44	<0.5	2.78	<5	120	0.6	<2	3.33	<0.5	112	2590	571	9.56	10	0.33

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-101 BL

CERTIFICATE OF ANALYSIS TB09047244

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740359		50	0.22	60	1	1.92	6	240	22	1.10	<5	3	78	20	0.11	<10
H740360		20	12.55	1285	1	0.76	1200	640	3	0.28	<5	15	345	<20	0.73	<10
H740361		30	0.24	65	<1	1.74	5	220	24	0.97	<5	3	83	20	0.06	<10
H740362		30	2.48	605	1	1.74	102	880	28	2.94	<5	17	73	<20	0.90	<10
H740363		20	1.45	265	1	1.81	66	740	17	1.82	<5	12	87	<20	0.61	<10
H740364		40	0.89	176	<1	1.23	39	650	13	1.62	<5	8	43	20	0.43	<10
H740365		30	0.96	185	<1	1.51	46	720	14	2.07	<5	9	48	20	0.49	<10
H740366		30	0.82	159	<1	1.47	38	620	15	1.57	<5	9	52	20	0.46	<10
H740367		30	1.35	246	1	1.71	70	770	15	1.55	<5	12	85	20	0.62	<10
H740368		30	1.91	431	1	2.25	39	1270	8	2.93	<5	22	143	<20	1.13	<10
H740369		30	2.33	747	2	2.79	41	1460	6	3.29	<5	23	216	<20	1.34	<10
H740370		10	0.18	559	1	2.52	2	190	10	0.01	<5	5	174	<20	0.11	<10
H740371		30	5.57	1510	<1	1.82	165	1070	17	0.58	<5	29	653	<20	1.18	<10
H740372		20	10.35	1420	<1	0.75	805	680	8	0.58	<5	17	399	<20	0.79	<10
H740373		20	11.25	1375	<1	0.67	805	790	7	0.67	<5	16	316	<20	0.78	<10
H740374		20	11.35	1310	<1	0.56	800	700	4	0.21	<5	16	303	<20	0.78	<10
H740375		20	11.25	1285	<1	0.49	763	660	6	0.15	<5	16	279	<20	0.77	<10
H740376		20	11.25	1310	<1	0.57	859	740	4	0.34	<5	16	319	<20	0.77	<10
H740377		20	11.50	1345	<1	0.56	795	810	2	0.53	<5	17	326	<20	0.80	<10
H740378		20	11.75	1370	<1	0.46	857	750	5	2.00	<5	17	310	<20	0.74	<10
H740379		20	11.60	1370	<1	0.38	731	690	6	1.83	<5	17	279	<20	0.76	<10
H740380		20	11.70	1380	<1	0.39	729	710	5	1.98	<5	17	280	<20	0.77	<10
H740381		20	11.55	1335	<1	0.55	835	810	3	0.21	<5	17	353	<20	0.82	<10
H740382		20	11.45	1330	<1	0.50	831	840	3	1.12	<5	17	504	<20	0.79	<10
H740383		20	11.65	1310	<1	0.49	770	740	4	1.26	<5	16	530	<20	0.76	<10
H740384		20	11.70	1305	<1	0.47	887	690	3	1.83	<5	15	388	<20	0.68	<10
H740385		20	11.55	1280	<1	0.47	799	660	5	1.25	<5	15	474	<20	0.70	<10
H740386		20	12.15	1320	<1	0.46	867	650	3	1.17	<5	15	510	<20	0.66	<10
H740387		20	12.85	1430	<1	0.46	865	700	5	0.61	<5	16	392	<20	0.72	<10
H740388		20	13.10	1385	<1	0.42	1060	710	5	0.97	<5	15	327	<20	0.67	<10
H740389		20	12.90	1355	<1	0.46	901	710	2	0.20	<5	15	347	<20	0.69	<10
H740390		20	12.90	1320	<1	0.79	1230	670	4	0.29	<5	15	361	<20	0.75	<10
H740391		20	13.15	1385	<1	0.56	934	730	3	0.46	<5	15	338	<20	0.68	<10
H740392		20	13.35	1345	<1	0.60	1080	660	5	0.31	<5	15	328	<20	0.66	<10
H740393		20	13.25	1325	1	0.68	1200	630	6	0.43	<5	15	313	<20	0.68	<10
H740394		20	13.75	1370	1	0.74	1460	640	9	0.70	<5	15	333	<20	0.68	<10
H740395		20	13.70	1340	<1	0.68	1530	620	3	0.62	<5	15	329	<20	0.67	<10
H740396		20	13.65	1330	<1	0.63	1360	580	4	0.50	<5	15	334	<20	0.66	<10
H740397		20	13.30	1315	<1	0.51	1150	640	4	0.41	<5	15	337	<20	0.66	<10
H740398		20	13.60	1350	<1	0.51	1180	660	6	0.34	<5	15	386	<20	0.69	<10

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-101 BL

CERTIFICATE OF ANALYSIS TB09047244

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	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
H740359		<10	12	<10	5		0.002	0.0012	0.001			
H740360		<10	152	<10	106		0.117	0.375	0.362			
H740361		10	7	<10	5		0.002	0.0010	0.001			
H740362		<10	179	<10	82		0.004	0.0083	0.004			
H740363		20	124	<10	29		0.003	0.0062	0.003			
H740364		10	77	<10	15		0.003	0.0040	0.002			
H740365		10	90	<10	15		0.002	0.0039	0.002			
H740366		10	88	<10	13		0.002	0.0034	0.002			
H740367		10	117	<10	23		0.002	0.0207	0.019			
H740368		20	247	<10	39		0.003	0.0123	0.010			
H740369		30	294	<10	60		0.002	0.0026	0.001			
H740370		10	15	<10	27		0.002	<0.0005	<0.001			
H740371		<10	244	<10	102		0.005	0.0245	0.019			
H740372		<10	163	<10	104		0.015	0.220	0.229			
H740373		<10	161	<10	102		0.010	0.140	0.143			
H740374		<10	164	<10	98		0.010	0.127	0.119			
H740375		<10	160	<10	98		0.009	0.0961	0.091			
H740376		<10	161	<10	99		0.015	0.207	0.209			
H740377		<10	168	<10	102		0.010	0.135	0.142			
H740378		<10	165	<10	102		0.015	0.202	0.209			
H740379		<10	167	<10	95		0.008	0.110	0.109			
H740380		<10	165	<10	95		0.009	0.0982	0.093			
H740381		<10	166	<10	100		0.012	0.164	0.167			
H740382		<10	164	<10	100		0.014	0.190	0.191			
H740383		<10	159	<10	98		0.008	0.0872	0.083			
H740384		<10	149	<10	98		0.015	0.204	0.215			
H740385		<10	146	<10	95		0.016	0.180	0.180			
H740386		<10	146	<10	97		0.013	0.154	0.163			
H740387		<10	155	<10	106		0.006	0.0628	0.063			
H740388		<10	147	<10	102		0.017	0.239	0.243			
H740389		<10	147	<10	99		0.010	0.108	0.102			
H740390		<10	156	<10	113		0.122	0.372	0.367			
H740391		<10	150	<10	102		0.011	0.123	0.124			
H740392		<10	144	<10	112		0.015	0.239	0.237			
H740393		<10	143	<10	101		0.031	0.497	0.483			
H740394		<10	146	<10	124		0.037	0.560	0.563			
H740395		<10	143	<10	103		0.044	0.643	0.656			
H740396		<10	148	<10	100		0.024	0.397	0.378			
H740397		<10	146	<10	98		0.013	0.202	0.180			
H740398		<10	147	<10	101		0.021	0.363	0.324			

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THUNDER BAY ON P7B 6V1

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-101 BL

CERTIFICATE OF ANALYSIS TB09047244

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740399		2.49	0.7	2.72	5	110	0.6	<2	3.25	<0.5	121	2200	1330	9.89	10	0.31
H740400		0.09	0.9	6.21	<5	870	1.0	<2	1.34	<0.5	3	21	15	1.57	10	2.05
H740401		2.36	1.8	2.70	28	110	0.6	<2	3.10	<0.5	139	2200	2950	10.30	10	0.31
H740402		2.31	2.4	2.68	6	110	0.6	<2	3.03	<0.5	140	2160	3720	10.35	<10	0.29
H740403		2.41	1.8	2.82	5	130	0.7	<2	3.09	<0.5	133	2280	2750	10.10	10	0.32
H740404		2.27	1.8	2.89	<5	120	0.7	<2	3.16	<0.5	129	2320	2770	10.10	10	0.32
H740405		2.28	2.7	2.90	<5	120	0.6	<2	3.14	<0.5	134	2240	3830	10.20	10	0.27
H740405 CRD		<0.02	2.7	2.86	<5	120	0.6	<2	3.17	0.6	136	2240	3810	10.20	10	0.27
H740406		2.48	3.4	2.73	<5	120	0.6	<2	3.04	0.7	175	2270	6090	11.55	10	0.23
H740407		2.35	4.0	2.84	13	110	0.6	<2	3.24	0.6	168	2180	6100	11.20	10	0.27
H740408		2.46	4.4	2.96	16	150	0.7	2	3.56	0.9	152	1890	6230	10.95	10	0.30
H740409		1.11	3.2	3.12	<5	130	0.7	<2	3.60	0.7	179	1860	5700	11.65	10	0.29
H740410		1.02	2.9	3.06	<5	140	0.7	<2	3.58	0.5	178	1940	5630	11.55	10	0.29
H740411		2.61	2.4	2.93	<5	110	0.6	<2	3.23	<0.5	183	2340	4960	11.90	<10	0.26
H740412		2.30	4.0	2.87	<5	90	0.6	<2	2.89	0.7	196	2420	6650	11.95	<10	0.23
H740413		2.31	2.5	3.07	<5	90	0.6	<2	2.82	<0.5	173	2800	4440	11.70	10	0.22
H740414		2.13	3.3	2.55	<5	100	0.5	<2	2.45	0.7	156	2940	4860	11.70	10	0.25
H740415		2.19	12.6	2.63	<5	90	0.5	<2	2.51	2.5	162	2840	>10000	11.85	<10	0.23
H740416		2.19	14.1	2.76	<5	100	0.6	<2	2.61	2.8	148	2780	>10000	11.35	10	0.28
H740417		2.12	0.9	2.77	<5	100	0.6	<2	2.33	<0.5	137	3130	1505	10.75	10	0.31
H740418		2.55	<0.5	2.56	13	100	0.5	<2	2.43	<0.5	129	2270	498	10.20	10	0.32
H740419		2.20	<0.5	2.68	<5	90	0.5	<2	2.68	<0.5	130	2440	802	10.45	<10	0.27
H740420		0.09	0.5	3.05	5	140	0.7	<2	3.41	<0.5	111	2530	816	9.47	10	0.33
H740421		2.46	<0.5	2.68	6	90	0.5	<2	2.64	<0.5	128	2650	619	10.30	10	0.26
H740422		2.37	<0.5	2.81	<5	90	0.5	<2	2.84	<0.5	127	2650	452	10.45	10	0.25
H740423		2.28	<0.5	2.91	<5	90	0.6	<2	2.91	<0.5	125	2560	412	10.35	10	0.24
H740424		2.53	<0.5	3.28	<5	110	0.7	<2	3.36	<0.5	121	2800	513	10.40	10	0.32
H740425		2.41	<0.5	3.25	5	110	0.6	<2	3.38	<0.5	118	2600	552	10.35	10	0.31
H740426		2.29	<0.5	3.62	<5	140	0.7	<2	2.92	<0.5	118	2470	342	10.80	10	0.35
H740427		2.76	<0.5	4.30	<5	230	1.0	<2	3.24	<0.5	120	1450	182	11.75	10	0.41
H740428		3.20	<0.5	6.97	<5	730	1.5	<2	3.11	<0.5	67	106	55	12.05	20	1.01
H740429		3.22	<0.5	7.36	11	350	1.9	<2	2.65	<0.5	43	18	32	8.98	20	0.77
H740430		0.09	<0.5	6.30	<5	900	1.0	2	1.34	<0.5	3	23	15	1.57	10	2.07
H740431		3.99	<0.5	6.74	<5	500	0.8	<2	0.57	<0.5	2	10	2	1.29	20	4.61
H740432		3.84	<0.5	6.66	<5	410	0.8	<2	0.32	<0.5	2	9	2	1.14	20	4.29

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CERTIFICATE OF ANALYSIS TB09047244

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740399		20	13.40	1365	4	0.47	1360	660	6	0.37	<5	15	346	<20	0.71	<10
H740400		10	0.20	570	<1	2.58	2	180	9	<0.01	<5	5	173	<20	0.11	<10
H740401		20	12.95	1325	<1	0.43	1870	640	9	0.91	<5	15	310	<20	0.69	<10
H740402		20	13.10	1325	1	0.48	2010	650	11	1.01	<5	14	300	<20	0.69	<10
H740403		20	13.25	1335	<1	0.63	1770	700	7	0.85	<5	15	315	<20	0.70	<10
H740404		20	13.40	1345	<1	0.62	1710	660	9	0.76	<5	15	319	<20	0.71	<10
H740405		20	12.75	1315	<1	0.62	1950	670	11	0.95	<5	15	316	<20	0.71	<10
H740405 CRD		20	12.80	1310	<1	0.59	1960	660	11	0.92	<5	15	308	<20	0.72	<10
H740406		20	12.75	1325	<1	0.61	2910	690	13	1.85	<5	14	307	<20	0.69	<10
H740407		20	12.30	1315	<1	0.54	2840	710	14	1.73	<5	15	321	<20	0.71	<10
H740408		20	11.40	1320	<1	0.60	2580	750	18	2.43	<5	16	330	<20	0.72	<10
H740409		20	11.15	1285	<1	0.71	3380	660	11	2.46	<5	16	341	<20	0.74	<10
H740410		20	10.95	1265	1	0.70	3320	650	10	2.51	<5	16	337	<20	0.74	<10
H740411		20	12.45	1330	<1	0.63	3210	580	9	2.15	<5	15	316	<20	0.75	<10
H740412		20	12.35	1250	<1	0.64	3640	620	13	2.92	<5	13	326	<20	0.74	<10
H740413		20	12.70	1300	<1	0.65	3070	620	8	2.07	<5	13	350	<20	0.77	<10
H740414		20	14.40	1390	1	0.43	2360	550	12	1.24	<5	11	290	<20	0.65	<10
H740415		20	13.25	1340	<1	0.51	2910	590	43	2.32	<5	12	296	<20	0.68	<10
H740416		20	13.30	1335	<1	0.55	2330	640	39	2.20	<5	12	304	<20	0.70	<10
H740417		20	14.25	1360	1	0.54	1610	620	3	1.53	<5	12	275	<20	0.68	<10
H740418		20	14.20	1330	1	0.52	1340	590	3	1.75	<5	12	280	<20	0.60	<10
H740419		20	14.30	1355	<1	0.55	1360	570	3	0.61	<5	12	311	<20	0.67	<10
H740420		20	12.90	1340	1	0.78	1240	670	<2	0.28	<5	15	349	<20	0.75	<10
H740421		20	13.95	1340	<1	0.56	1290	570	2	1.65	<5	12	301	<20	0.68	<10
H740422		20	14.05	1365	<1	0.60	1260	630	3	1.66	<5	13	319	<20	0.72	<10
H740423		20	13.80	1355	<1	0.60	1230	640	3	0.92	<5	13	322	<20	0.75	<10
H740424		20	12.95	1360	<1	0.74	1180	700	2	0.69	<5	14	375	<20	0.82	<10
H740425		20	12.80	1345	<1	0.76	1220	720	5	1.84	<5	14	379	<20	0.85	<10
H740426		20	11.80	1400	<1	0.83	944	790	5	1.72	<5	14	384	<20	0.95	<10
H740427		30	10.70	1480	<1	1.09	707	1000	2	0.55	<5	13	506	<20	1.16	<10
H740428		40	3.83	1670	<1	2.59	89	1520	3	0.59	<5	14	471	<20	1.99	<10
H740429		40	2.79	1000	<1	3.24	24	1730	11	5.35	<5	15	391	<20	1.51	<10
H740430		10	0.19	574	<1	2.58	2	180	12	0.01	<5	5	179	<20	0.12	<10
H740431		30	0.23	113	<1	1.93	1	520	26	0.64	<5	3	105	30	0.11	<10
H740432		30	0.25	89	1	2.06	<1	390	27	0.24	<5	3	105	20	0.10	<10

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-101 BL

CERTIFICATE OF ANALYSIS TB09047244

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
H740399		<10	145	<10	104		0.041	0.678	0.632			
H740400		<10	15	<10	28		0.003	0.0039	0.003			
H740401		<10	145	<10	105		0.081	>1.00	>1.00	0.09	1.38	1.33
H740402		<10	143	<10	106		0.107	>1.00	>1.00	0.12	1.78	1.69
H740403		<10	148	<10	102		0.092	>1.00	>1.00	0.10	1.40	1.30
H740404		<10	148	<10	103		0.092	>1.00	>1.00	0.10	1.42	1.31
H740405		<10	145	<10	101		0.117	>1.00	>1.00	0.13	1.98	1.79
H740405 CRD		<10	144	<10	102		0.107	>1.00	>1.00	0.13	1.94	1.78
H740406		<10	143	<10	98		0.148	>1.00	>1.00	0.18	2.90	2.77
H740407		<10	149	<10	97		0.162	>1.00	>1.00	0.20	3.14	2.90
H740408		<10	162	<10	104		0.200	>1.00	>1.00	0.22	3.11	2.92
H740409		<10	161	<10	102		0.149	>1.00	>1.00	0.16	2.71	2.63
H740410		<10	162	<10	97		0.135	>1.00	>1.00	0.16	2.87	2.73
H740411		<10	160	<10	109		0.103	>1.00	>1.00	0.12	2.29	2.22
H740412		<10	152	<10	93		0.177	>1.00	>1.00	0.19	3.21	3.01
H740413		<10	153	<10	108		0.117	>1.00	>1.00	0.13	2.13	1.97
H740414		<10	139	<10	113		0.157	>1.00	>1.00	0.17	2.34	2.08
H740415		<10	140	<10	113	1.430	0.499	>1.00	>1.00	0.61	7.38	6.33
H740416		<10	145	<10	105	1.385	0.651	>1.00	>1.00	0.71	7.66	6.42
H740417		<10	145	<10	108		0.052	0.573	0.583			
H740418		<10	132	<10	103		0.016	0.1530	0.151			
H740419		<10	138	<10	104		0.025	0.271	0.255			
H740420		<10	155	<10	109		0.120	0.381	0.358			
H740421		<10	143	<10	106		0.020	0.201	0.180			
H740422		<10	151	<10	112		0.011	0.1175	0.107			
H740423		<10	152	<10	105		0.010	0.1040	0.094			
H740424		<10	170	<10	108		0.013	0.1385	0.126			
H740425		<10	171	<10	106		0.013	0.1600	0.144			
H740426		<10	188	<10	113		0.010	0.0863	0.077			
H740427		<10	209	<10	128		0.004	0.0176	0.017			
H740428		<10	373	<10	173		0.003	0.0027	0.002			
H740429		<10	225	<10	121		0.002	0.0013	0.001			
H740430		<10	16	<10	29		0.002	0.0010	0.001			
H740431		10	11	<10	15		0.002	0.0005	<0.001			
H740432		10	9	<10	8		0.002	0.0019	0.001			

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

Finalized Date: 26-MAY-2009
Account: MGMAM

CERTIFICATE TB09047245

Project: SD09-103 BL

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26-MAY-2009
Account: MGMAM

Project: SD09-103 BL

CERTIFICATE OF ANALYSIS TB09047245

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740433		3.80	<0.5	6.80	<5	790	1.5	5	0.42	<0.5	2	6	2	1.47	20	4.29
H740434		3.97	<0.5	6.69	<5	790	1.4	2	0.49	<0.5	2	7	1	1.44	20	4.32
H740435		3.49	<0.5	7.06	<5	930	1.5	4	0.61	<0.5	6	8	5	2.23	20	4.50
H740436		4.10	<0.5	7.72	<5	540	2.0	<2	3.33	<0.5	54	41	32	10.30	20	0.99
H740437		3.93	<0.5	7.99	6	430	1.9	<2	3.18	<0.5	48	12	19	9.48	20	1.32
H740438		3.54	<0.5	7.15	5	300	1.7	3	3.27	<0.5	71	66	52	12.30	20	0.76
H740439		1.84	<0.5	6.72	<5	930	1.4	4	0.36	<0.5	3	6	4	1.69	20	4.69
H740440		1.46	<0.5	6.79	<5	940	1.4	3	0.37	<0.5	3	5	2	1.70	20	4.68
H740441		2.91	<0.5	6.76	<5	830	2.2	3	0.63	<0.5	2	5	1	1.67	20	4.85

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Finalized Date: 26-MAY-2009
Account: MGMAM

Project: SD09-103 BL

CERTIFICATE OF ANALYSIS TB09047245

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740433		50	0.29	154	3	2.10	<1	620	28	0.20	<5	5	130	30	0.14	<10
H740434		50	0.29	167	5	2.10	3	600	26	0.27	<5	5	131	30	0.14	<10
H740435		50	0.51	248	4	2.16	4	740	29	1.17	<5	6	175	30	0.28	<10
H740436		40	3.20	1440	1	2.92	41	1760	10	2.05	11	15	423	<20	1.90	<10
H740437		40	3.09	1390	1	3.27	29	1850	12	1.77	14	15	360	<20	1.82	<10
H740438		30	3.13	1115	1	2.81	63	1600	24	5.97	8	14	256	<20	2.18	10
H740439		40	0.29	129	4	1.94	1	610	38	1.13	<5	5	151	30	0.16	<10
H740440		40	0.29	131	4	2.02	2	620	40	1.14	<5	5	152	30	0.16	<10
H740441		40	0.38	182	2	1.89	1	680	26	0.75	<5	4	116	20	0.10	<10

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Finalized Date: 26-MAY-2009
Account: MGMAM

Project: SD09-103 BL

CERTIFICATE OF ANALYSIS TB09047245

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H740433		<10	15	<10	14	0.001	<0.0005	<0.001
H740434		<10	14	<10	14	0.001	<0.0005	<0.001
H740435		<10	32	<10	26	0.001	<0.0005	<0.001
H740436		<10	326	<10	151	0.002	0.0007	<0.001
H740437		<10	269	<10	139	0.001	0.0006	<0.001
H740438		<10	403	<10	155	0.002	0.0012	0.001
H740439		<10	17	<10	18	0.002	<0.0005	<0.001
H740440		<10	17	<10	18	0.001	<0.0005	<0.001
H740441		<10	13	<10	16	0.001	<0.0005	<0.001

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

Finalized Date: 27-MAY-2009
Account: MGMAM

CERTIFICATE TB09049807

Project: SD09-104 BL

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 27-MAY-2009
Account: MGMAM

Project: SD09-104 BL

CERTIFICATE OF ANALYSIS TB09049807

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740442		4.06	<0.5	6.67	<5	620	1.2	<2	0.37	0.5	2	9	6	0.99	20	4.34
H740443		4.64	<0.5	6.65	<5	690	1.2	<2	0.30	0.7	2	10	5	1.07	20	4.08
H740444		3.69	0.8	7.71	10	560	1.8	2	4.06	<0.5	45	12	22	9.28	20	0.90
H740445		4.42	1.1	7.04	20	410	1.6	<2	3.90	<0.5	69	74	36	11.90	20	0.47
H740446		2.85	0.8	7.90	12	530	1.9	<2	3.24	<0.5	39	17	25	8.33	20	0.84
H740447		4.14	<0.5	6.86	<5	470	1.2	<2	0.32	<0.5	4	46	8	0.93	20	4.26
H740448		3.90	<0.5	6.78	<5	430	1.6	<2	0.35	<0.5	1	11	2	0.61	20	3.95
H740449		2.54	<0.5	6.61	<5	420	1.3	3	0.83	<0.5	5	10	2	1.57	20	3.81
H740450		0.09	1.0	3.15	5	150	0.7	3	3.31	<0.5	110	2370	784	9.23	10	0.35
H740451		4.11	<0.5	6.56	<5	410	1.3	<2	0.46	<0.5	1	15	4	0.90	20	3.98

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Finalized Date: 27-MAY-2009
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Project: SD09-104 BL

CERTIFICATE OF ANALYSIS TB09049807

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740442		30	0.15	68	<1	2.02	8	300	71	0.47	<5	2	126	20	0.08	<10
H740443		50	0.13	64	<1	2.24	4	220	65	0.66	<5	3	152	30	0.08	<10
H740444		40	2.73	1430	1	3.09	28	1640	14	2.69	<5	14	358	<20	1.68	<10
H740445		40	2.88	1240	<1	2.77	60	1610	27	3.84	<5	14	346	<20	2.12	<10
H740446		50	2.61	1010	<1	3.33	19	1720	14	2.79	<5	15	274	<20	1.62	<10
H740447		30	0.32	84	<1	2.35	19	240	37	0.26	<5	2	126	20	0.08	<10
H740448		20	0.11	52	<1	2.39	2	210	22	0.10	<5	2	110	<20	0.05	<10
H740449		30	0.40	160	<1	2.34	3	380	19	0.13	<5	3	111	<20	0.25	<10
H740450		20	13.55	1340	1	0.80	1230	640	2	0.27	<5	15	353	<20	0.73	<10
H740451		40	0.18	115	<1	2.30	5	240	26	0.02	<5	3	111	20	0.08	<10

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Project: SD09-104 BL

CERTIFICATE OF ANALYSIS TB09049807

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740442		10	8	<10	87	0.002	0.0008	<0.001
H740443		10	9	<10	98	0.002	0.0007	<0.001
H740444		<10	241	<10	128	0.002	0.0007	<0.001
H740445		<10	379	<10	146	0.002	0.0008	0.001
H740446		<10	213	<10	131	0.002	0.0008	<0.001
H740447		20	11	<10	18	0.003	0.0015	0.001
H740448		20	5	<10	5	0.003	0.0007	0.001
H740449		10	31	<10	14	0.002	<0.0005	<0.001
H740450		<10	152	<10	104	0.130	0.395	0.368
H740451		10	6	<10	14	0.002	0.0006	<0.001

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Project: SD09-104 BL

P.O. No.:

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SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
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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

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: SD09-104 BL

CERTIFICATE OF ANALYSIS TB09049807

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740442		4.06	<0.5	6.67	<5	620	1.2	<2	0.37	0.5	2	9	6	0.99	20	4.34
H740443		4.64	<0.5	6.65	<5	690	1.2	<2	0.30	0.7	2	10	5	1.07	20	4.08
H740444		3.69	0.8	7.71	10	560	1.8	2	4.06	<0.5	45	12	22	9.28	20	0.90
H740445		4.42	1.1	7.04	20	410	1.6	<2	3.90	<0.5	69	74	36	11.90	20	0.47
H740446		2.85	0.8	7.90	12	530	1.9	<2	3.24	<0.5	39	17	25	8.33	20	0.84
H740447		4.14	<0.5	6.86	<5	470	1.2	<2	0.32	<0.5	4	46	8	0.93	20	4.26
H740448		3.90	<0.5	6.78	<5	430	1.6	<2	0.35	<0.5	1	11	2	0.61	20	3.95
H740449		2.54	<0.5	6.61	<5	420	1.3	3	0.83	<0.5	5	10	2	1.57	20	3.81
H740450		0.09	1.0	3.15	5	150	0.7	3	3.31	<0.5	110	2370	784	9.23	10	0.35
H740451		4.11	<0.5	6.56	<5	410	1.3	<2	0.46	<0.5	1	15	4	0.90	20	3.98

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

Finalized Date: 27-MAY-2009
Account: MGMAM

Project: SD09-104 BL

CERTIFICATE OF ANALYSIS TB09049807

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740442		30	0.15	68	<1	2.02	8	300	71	0.47	<5	2	126	20	0.08	<10
H740443		50	0.13	64	<1	2.24	4	220	65	0.66	<5	3	152	30	0.08	<10
H740444		40	2.73	1430	1	3.09	28	1640	14	2.69	<5	14	358	<20	1.68	<10
H740445		40	2.88	1240	<1	2.77	60	1610	27	3.84	<5	14	346	<20	2.12	<10
H740446		50	2.61	1010	<1	3.33	19	1720	14	2.79	<5	15	274	<20	1.62	<10
H740447		30	0.32	84	<1	2.35	19	240	37	0.26	<5	2	126	20	0.08	<10
H740448		20	0.11	52	<1	2.39	2	210	22	0.10	<5	2	110	<20	0.05	<10
H740449		30	0.40	160	<1	2.34	3	380	19	0.13	<5	3	111	<20	0.25	<10
H740450		20	13.55	1340	1	0.80	1230	640	2	0.27	<5	15	353	<20	0.73	<10
H740451		40	0.18	115	<1	2.30	5	240	26	0.02	<5	3	111	20	0.08	<10

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CERTIFICATE OF ANALYSIS TB09049807

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740442		10	8	<10	87	0.002	0.0008	<0.001
H740443		10	9	<10	98	0.002	0.0007	<0.001
H740444		<10	241	<10	128	0.002	0.0007	<0.001
H740445		<10	379	<10	146	0.002	0.0008	0.001
H740446		<10	213	<10	131	0.002	0.0008	<0.001
H740447		20	11	<10	18	0.003	0.0015	0.001
H740448		20	5	<10	5	0.003	0.0007	0.001
H740449		10	31	<10	14	0.002	<0.0005	<0.001
H740450		<10	152	<10	104	0.130	0.395	0.368
H740451		10	6	<10	14	0.002	0.0006	<0.001

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Finalized Date: 28-MAY-2009
Account: MGMAM

CERTIFICATE TB09049809

Project: SD09-105 BL

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28-MAY-2009
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Project: SD09-105 BL

CERTIFICATE OF ANALYSIS TB09049809

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740452		4.69	<0.5	6.45	7	760	0.9	<2	0.16	<0.5	1	17	4	0.95	20	4.32
H740453		3.29	<0.5	6.30	13	740	0.9	<2	0.21	<0.5	5	25	23	2.07	10	3.51
H740454		1.58	1.0	6.02	41	370	1.4	3	1.45	0.5	59	732	238	7.45	20	0.37
H740455		3.72	0.5	6.51	26	750	1.3	<2	0.36	<0.5	15	58	145	3.52	20	3.11
H740456		3.38	0.6	6.26	17	420	1.1	<2	0.33	<0.5	9	48	46	3.15	20	1.47
H740457		2.85	0.9	3.56	27	660	0.8	<2	5.56	<0.5	82	968	470	8.74	10	0.27
H740458		3.01	0.7	3.98	10	1710	1.0	<2	6.06	<0.5	75	962	244	8.54	10	0.22
H740459		3.03	<0.5	6.20	8	780	0.8	<2	0.58	<0.5	3	20	15	1.34	20	2.05
H740460		0.08	<0.5	6.20	<5	880	0.9	<2	1.28	<0.5	2	24	17	1.51	10	2.15
H740461		2.85	1.0	6.46	<5	380	1.0	<2	0.57	<0.5	3	18	87	1.28	20	2.25
H740462		2.68	0.7	4.51	13	140	1.1	<2	5.21	<0.5	71	994	273	8.49	10	0.34
H740463		2.32	0.5	3.88	<5	200	1.0	2	5.09	<0.5	85	1420	228	8.89	10	0.36
H740464		2.43	0.7	3.81	<5	170	0.9	<2	4.78	<0.5	90	1530	275	8.94	10	0.38
H740465		2.48	1.4	3.80	10	170	1.0	3	4.46	<0.5	121	1630	1790	9.99	10	0.41
H740466		2.35	1.4	3.81	38	160	1.1	2	4.60	<0.5	101	1670	1200	9.37	10	0.41
H740467		2.35	1.3	3.85	15	210	1.1	3	4.28	<0.5	98	1870	1150	8.99	10	0.47
H740468		2.44	2.0	3.64	5	150	0.8	<2	4.45	<0.5	114	1670	1710	9.83	10	0.35
H740469		0.93	2.1	3.54	6	120	0.7	<2	4.10	<0.5	125	1750	2220	10.25	10	0.26
H740470		0.89	2.2	3.51	6	120	0.7	3	4.16	<0.5	132	1840	2460	10.55	10	0.26
H740471		2.35	0.5	3.27	17	120	0.7	<2	3.70	<0.5	100	1940	473	9.60	10	0.29
H740472		2.34	<0.5	3.08	<5	140	0.7	3	3.67	<0.5	105	2200	396	9.67	10	0.35
H740473		2.27	<0.5	2.99	<5	150	0.7	<2	3.48	<0.5	111	2370	424	9.86	10	0.37
H740474		2.44	0.5	2.87	6	150	0.6	2	3.31	<0.5	111	2450	423	9.64	10	0.38
H740475		2.51	<0.5	2.83	11	110	0.6	4	3.20	<0.5	110	2640	263	9.64	10	0.38
H740476		2.31	<0.5	2.64	28	150	0.6	3	3.15	<0.5	109	2750	209	9.59	10	0.37
H740477		2.40	<0.5	2.56	<5	90	0.6	2	3.08	<0.5	111	2850	277	9.57	10	0.37
H740478		2.19	<0.5	2.64	31	130	0.6	3	3.28	<0.5	109	2920	295	9.47	10	0.40
H740479		2.39	<0.5	2.58	19	120	0.6	5	3.15	<0.5	115	3120	290	9.81	10	0.39
H740480		0.09	1.0	3.12	<5	160	0.7	<2	3.50	<0.5	112	2380	820	9.77	10	0.35
H740481		2.45	<0.5	2.71	<5	80	0.6	5	3.33	<0.5	115	2990	402	9.97	10	0.38
H740482		2.43	0.9	2.80	50	150	0.6	2	3.31	<0.5	121	2680	947	10.05	10	0.35
H740483		2.42	<0.5	2.94	16	140	0.6	<2	3.44	<0.5	111	2500	445	9.86	10	0.39
H740484		2.42	<0.5	3.04	<5	140	0.7	2	3.48	<0.5	107	2250	269	9.60	10	0.39
H740485		2.20	0.5	3.25	<5	170	0.7	2	3.87	<0.5	107	2210	382	9.86	10	0.36
H740486		2.38	1.6	3.24	5	90	0.6	2	3.55	<0.5	142	2160	2640	11.15	10	0.27
H740487		2.37	1.1	3.94	17	150	0.9	<2	3.32	<0.5	113	2260	1310	10.55	10	0.39
H740488		2.28	0.9	3.84	5	140	0.8	<2	3.54	<0.5	101	1950	1160	10.00	10	0.35
H740489		2.56	<0.5	4.23	<5	120	0.8	2	4.11	<0.5	92	1730	560	9.42	10	0.41
H740490		0.09	<0.5	6.51	5	930	1.0	<2	1.36	<0.5	2	23	17	1.56	10	2.14
H740491		2.37	0.5	3.89	10	110	0.7	5	3.81	<0.5	109	2060	715	10.50	10	0.30

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THUNDER BAY ON P7B 6V1

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-105 BL

CERTIFICATE OF ANALYSIS TB09049809

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740452		30	0.26	100	<1	1.85	6	300	4	0.18	<5	3	117	20	0.08	<10
H740453		20	0.60	178	1	2.40	14	460	7	0.57	<5	4	116	20	0.17	<10
H740454		40	5.33	965	<1	2.28	350	980	337	2.00	<5	19	291	<20	1.00	<10
H740455		40	1.03	292	<1	2.52	69	680	76	1.32	<5	8	132	40	0.37	<10
H740456		30	0.96	234	<1	3.37	41	840	63	1.19	<5	6	99	20	0.28	<10
H740457		20	9.94	1350	<1	0.73	558	650	6	1.36	<5	29	356	<20	0.78	<10
H740458		30	8.63	1520	1	1.22	427	680	36	0.69	<5	28	378	<20	0.91	<10
H740459		60	0.38	164	<1	3.73	15	270	26	0.44	<5	2	96	<20	0.10	<10
H740460		10	0.19	569	<1	2.63	3	180	7	<0.01	<5	4	172	<20	0.11	<10
H740461		10	0.41	188	<1	3.65	19	310	8	0.20	<5	2	117	<20	0.09	<10
H740462		20	8.46	1480	<1	1.22	474	820	32	0.30	<5	25	328	<20	1.05	10
H740463		30	10.55	1390	1	0.94	634	760	3	0.15	<5	22	386	<20	0.92	<10
H740464		30	11.25	1360	<1	0.89	728	760	<2	0.16	<5	21	386	<20	0.89	<10
H740465		30	11.00	1340	<1	0.88	1490	860	3	0.88	<5	19	357	<20	0.88	<10
H740466		30	10.70	1450	1	0.95	1090	850	4	1.73	<5	19	350	<20	0.78	<10
H740467		30	10.25	1300	<1	1.09	1080	790	2	1.09	<5	19	372	<20	0.83	<10
H740468		20	11.05	1350	1	0.94	1340	840	5	0.96	<5	20	384	<20	0.87	<10
H740469		20	11.60	1350	1	0.75	1590	920	3	1.28	<5	19	387	<20	0.93	<10
H740470		20	11.60	1360	1	0.75	1770	950	3	1.49	<5	19	382	<20	0.93	<10
H740471		20	12.45	1345	1	0.66	926	970	9	0.66	<5	18	336	<20	0.82	<10
H740472		20	13.40	1360	4	0.66	1020	710	<2	0.22	<5	17	364	<20	0.79	<10
H740473		20	14.20	1375	1	0.64	1110	620	3	0.38	<5	16	389	<20	0.76	<10
H740474		20	14.35	1340	1	0.59	1130	580	2	0.51	<5	15	379	<20	0.67	<10
H740475		20	14.55	1350	1	0.53	1080	540	<2	0.68	<5	15	304	<20	0.65	<10
H740476		20	14.65	1350	<1	0.42	1090	580	<2	0.99	<5	14	341	<20	0.62	<10
H740477		20	14.80	1335	1	0.45	1130	630	<2	0.28	<5	14	266	<20	0.66	<10
H740478		20	14.40	1335	<1	0.48	1140	620	3	0.89	<5	14	323	<20	0.61	<10
H740479		20	15.10	1365	<1	0.39	1180	600	2	0.57	<5	15	294	<20	0.66	<10
H740480		20	13.85	1370	1	0.82	1240	680	3	0.30	<5	16	357	<20	0.77	<10
H740481		20	15.15	1385	<1	0.37	1210	660	<2	0.26	<5	15	255	<20	0.72	<10
H740482		20	14.80	1365	<1	0.45	1420	630	<2	0.85	<5	15	377	<20	0.70	<10
H740483		20	14.55	1375	<1	0.49	1170	690	<2	0.37	<5	15	366	<20	0.75	<10
H740484		20	14.05	1350	<1	0.62	1060	710	3	0.15	<5	16	343	<20	0.76	<10
H740485		30	13.50	1380	<1	0.64	1050	740	2	0.44	<5	17	393	<20	0.82	<10
H740486		20	13.25	1375	1	0.65	2030	640	4	1.65	<5	16	341	<20	0.80	<10
H740487		30	11.95	1360	1	0.91	1230	840	5	1.64	<5	15	380	<20	0.87	<10
H740488		20	11.15	1305	1	0.74	1020	840	6	1.37	<5	16	386	<20	0.91	<10
H740489		30	10.50	1285	1	0.97	853	800	6	1.69	<5	19	364	<20	0.94	<10
H740490		10	0.20	593	<1	2.63	<1	180	7	<0.01	<5	5	181	<20	0.12	<10
H740491		20	11.55	1285	1	0.80	1100	790	3	2.85	<5	18	399	<20	0.98	<10

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Finalized Date: 28-MAY-2009
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Project: SD09-105 BL

CERTIFICATE OF ANALYSIS TB09049809

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740452		10	7	<10	6	0.002	0.0006	<0.001			
H740453		20	25	<10	26	0.001	0.0006	<0.001			
H740454		10	192	<10	411	0.005	0.0308	0.033			
H740455		30	68	<10	143	0.003	0.0116	0.010			
H740456		20	47	<10	105	0.003	0.0064	0.007			
H740457		<10	201	<10	85	0.011	0.1295	0.131			
H740458		<10	216	<10	135	0.005	0.0349	0.031			
H740459		10	18	<10	29	0.002	0.0043	0.006			
H740460		10	15	<10	27	0.001	0.0006	<0.001			
H740461		20	14	<10	7	0.006	0.0928	0.091			
H740462		<10	230	<10	108	0.007	0.0769	0.069			
H740463		<10	194	<10	98	0.009	0.1265	0.120			
H740464		<10	184	<10	99	0.009	0.1100	0.103			
H740465		<10	184	<10	127	0.042	0.869	0.875			
H740466		<10	180	<10	104	0.034	0.625	0.609			
H740467		<10	185	<10	101	0.035	0.540	0.540			
H740468		<10	186	<10	102	0.056	0.890	0.845			
H740469		<10	186	<10	105	0.068	>1.00	>1.00	0.07	1.11	1.03
H740470		<10	192	<10	105	0.076	>1.00	>1.00	0.07	1.26	1.19
H740471		<10	177	<10	118	0.018	0.224	0.208			
H740472		<10	163	<10	101	0.014	0.217	0.203			
H740473		<10	158	<10	103	0.015	0.226	0.213			
H740474		<10	149	<10	97	0.014	0.1955	0.180			
H740475		<10	148	<10	101	0.009	0.1085	0.095			
H740476		<10	146	<10	101	0.007	0.0970	0.089			
H740477		<10	146	<10	98	0.009	0.1175	0.107			
H740478		<10	142	<10	98	0.013	0.1835	0.165			
H740479		<10	148	<10	102	0.009	0.1250	0.115			
H740480		<10	160	<10	123	0.119	0.407	0.379			
H740481		<10	155	<10	101	0.013	0.1825	0.163			
H740482		<10	152	<10	102	0.028	0.471	0.431			
H740483		<10	157	<10	101	0.015	0.222	0.203			
H740484		<10	158	<10	99	0.012	0.1450	0.124			
H740485		<10	174	<10	103	0.015	0.1915	0.173			
H740486		<10	175	<10	108	0.073	>1.00	>1.00	0.07	1.11	1.03
H740487		<10	184	<10	111	0.040	0.616	0.593			
H740488		<10	183	<10	105	0.035	0.500	0.501			
H740489		<10	193	<10	104	0.015	0.1770	0.189			
H740490		<10	16	<10	30	0.002	0.0009	0.001			
H740491		<10	206	<10	111	0.017	0.231	0.238			

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-105 BL

CERTIFICATE OF ANALYSIS TB09049809

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740492		2.42	<0.5	3.69	<5	130	0.8	3	3.61	<0.5	105	2030	387	9.97	10	0.35
H740493		2.65	<0.5	3.43	<5	130	0.8	<2	3.30	<0.5	108	1880	206	10.05	10	0.36
H740494		2.44	<0.5	4.29	<5	790	1.0	<2	3.11	<0.5	106	1660	246	11.10	10	0.46
H740495		4.31	<0.5	7.17	<5	370	1.6	<2	3.01	<0.5	64	94	53	12.35	20	1.24
H740495 CRD		0.02	<0.5	7.08	<5	360	1.6	2	2.96	<0.5	63	89	54	12.15	20	1.21
H740496		2.43	<0.5	7.04	<5	330	1.7	2	2.95	<0.5	64	70	36	12.65	20	0.68
H740497		2.37	<0.5	7.56	8	520	2.0	<2	3.18	<0.5	40	15	35	8.02	20	0.75
H740498		4.29	<0.5	6.69	<5	470	1.1	<2	0.57	<0.5	6	13	1	1.62	20	3.27
H740499		2.09	<0.5	6.22	<5	400	1.1	<2	0.32	<0.5	1	10	1	0.75	20	3.51
H740500		1.99	<0.5	6.30	<5	430	1.1	<2	0.34	<0.5	2	9	2	0.77	20	3.62

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Project: SD09-105 BL

CERTIFICATE OF ANALYSIS TB09049809

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740492		30	12.70	1330	<1	0.79	1020	900	3	1.31	<5	16	381	<20	0.89	<10
H740493		20	12.90	1320	1	0.76	991	730	<2	1.86	<5	15	350	<20	0.83	<10
H740494		30	10.80	1415	1	1.00	700	970	4	1.10	<5	15	471	<20	1.15	<10
H740495		40	3.39	1560	<1	2.64	88	1470	19	2.20	<5	14	473	<20	2.09	<10
H740495 CRD		40	3.32	1545	1	2.62	80	1440	19	2.09	<5	14	470	<20	2.04	<10
H740496		40	3.63	1360	1	2.81	66	1570	5	1.13	<5	14	400	<20	2.05	<10
H740497		40	2.84	909	<1	3.27	16	1650	17	3.64	5	14	389	<20	1.56	10
H740498		20	0.47	133	1	2.46	5	380	15	0.72	<5	4	123	20	0.22	<10
H740499		10	0.12	42	2	2.21	2	230	17	0.40	<5	2	94	<20	0.05	<10
H740500		20	0.12	45	2	2.24	2	240	19	0.40	<5	2	97	<20	0.06	<10

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Finalized Date: 28-MAY-2009
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Project: SD09-105 BL

CERTIFICATE OF ANALYSIS TB09049809

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H740492		<10	181	<10	102	0.012	0.1385	0.133			
H740493		<10	171	<10	105	0.006	0.0639	0.060			
H740494		<10	215	<10	125	0.007	0.0662	0.061			
H740495		<10	412	<10	168	0.003	0.0057	0.005			
H740495 CRD		<10	404	<10	168	0.004	0.0076	0.007			
H740496		<10	422	<10	180	0.001	0.0009	0.001			
H740497		<10	220	<10	145	0.002	0.0010	0.001			
H740498		<10	27	<10	18	0.001	0.0006	<0.001			
H740499		10	5	<10	<2	0.001	0.0006	<0.001			
H740500		10	6	<10	3	0.001	<0.0005	<0.001			

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Finalized Date: 28-MAY-2009
Account: MGMAM

CERTIFICATE TB09049808

Project: SD09-106 BL

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-106 BL

CERTIFICATE OF ANALYSIS TB09049808

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740501		3.78	<0.5	6.46	<5	950	1.5	<2	0.13	<0.5	2	14	4	0.98	10	4.38
H740502		3.26	<0.5	6.60	<5	1010	1.2	<2	0.13	<0.5	2	9	4	1.29	20	4.40
H740503		1.21	<0.5	6.64	10	640	1.3	<2	0.87	<0.5	27	47	748	4.13	20	2.34
H740504		3.34	<0.5	6.29	<5	1010	1.0	<2	0.27	<0.5	3	14	31	1.54	20	4.08
H740505		1.48	0.5	4.47	20	70	1.1	<2	4.14	<0.5	89	1460	159	9.02	10	0.26
H740506		2.48	<0.5	2.62	31	60	0.6	<2	2.95	<0.5	66	1280	170	6.36	10	0.17
H740507		2.13	0.8	3.63	20	70	0.8	3	3.96	<0.5	100	2170	280	9.41	10	0.34
H740508		2.22	0.8	3.79	11	90	0.7	3	3.81	<0.5	124	2810	319	11.00	10	0.32
H740509		2.26	0.7	3.66	11	200	0.7	<2	3.58	<0.5	105	2050	293	9.49	10	0.41
H740510		0.09	1.3	3.03	<5	150	0.7	3	3.21	<0.5	108	2410	759	8.95	10	0.33
H740511		1.71	1.2	3.20	21	190	0.7	4	2.90	<0.5	115	2450	674	9.82	10	0.39
H740512		2.14	0.9	2.91	15	150	0.7	2	2.52	<0.5	117	2480	337	9.79	10	0.35
H740513		2.70	2.1	3.02	13	130	0.7	2	2.61	<0.5	132	2890	2160	10.25	10	0.31
H740514		2.26	5.0	3.06	16	100	0.6	3	2.85	0.8	126	2800	4620	10.15	10	0.27
H740515		2.33	2.3	3.03	8	100	0.6	3	2.64	<0.5	120	3200	1880	9.98	10	0.30
H740516		2.12	0.9	2.82	10	110	0.6	4	2.38	<0.5	117	3000	258	9.75	10	0.32
H740517		2.38	0.8	2.98	7	120	0.6	2	2.72	<0.5	124	2890	589	10.10	10	0.29
H740518		2.41	0.9	3.22	10	100	0.6	<2	2.96	<0.5	119	2760	394	10.00	10	0.29
H740519		2.47	0.9	3.66	11	120	0.7	<2	2.78	<0.5	115	2770	758	10.05	10	0.40
H740520		0.08	<0.5	6.22	<5	870	0.9	<2	1.28	<0.5	2	33	18	1.52	10	2.11
H740521		2.29	7.0	3.79	9	150	0.8	5	2.64	1.3	139	2280	6480	12.10	10	0.35
H740522		1.84	6.7	4.39	5	250	0.9	6	2.93	1.2	119	1570	5520	11.80	10	0.35
H740523		4.54	1.1	7.38	13	500	1.9	3	2.79	<0.5	53	51	96	10.20	20	1.07
H740524		3.87	<0.5	6.27	<5	650	1.4	3	0.43	<0.5	2	18	37	1.17	20	4.02
H740525		3.92	<0.5	6.45	6	550	1.3	3	0.30	0.6	2	15	8	0.99	10	4.11

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-106 BL

CERTIFICATE OF ANALYSIS TB09049808

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740501		20	0.25	119	1	1.80	4	300	2	0.33	<5	3	102	20	0.08	<10
H740502		40	0.32	138	1	1.91	4	300	3	0.54	<5	3	105	30	0.09	<10
H740503		30	1.36	651	<1	2.92	434	610	26	1.64	<5	9	161	20	0.53	<10
H740504		30	0.40	113	1	2.20	21	330	9	0.92	<5	3	114	20	0.12	<10
H740505		30	10.80	1740	<1	0.77	680	760	5	0.88	<5	20	218	<20	0.97	<10
H740506		20	7.69	992	<1	0.40	546	460	37	0.40	<5	13	166	<20	0.62	<10
H740507		20	11.95	1350	1	0.52	901	710	4	1.35	<5	17	239	<20	0.82	<10
H740508		20	14.60	1510	1	0.62	1160	760	<2	0.75	<5	17	307	<20	0.85	<10
H740509		20	12.15	1320	3	0.66	940	660	3	0.77	<5	15	374	<20	0.73	<10
H740510		20	13.20	1300	1	0.77	1200	620	<2	0.26	<5	15	338	<20	0.71	<10
H740511		20	12.75	1330	1	0.67	1160	650	<2	1.41	<5	13	336	<20	0.71	10
H740512		20	13.55	1340	1	0.55	1100	640	4	1.09	<5	12	284	<20	0.63	<10
H740513		20	13.15	1310	1	0.58	1630	560	2	1.36	<5	12	305	<20	0.64	<10
H740514		20	13.25	1320	<1	0.55	1650	600	8	1.61	<5	13	310	<20	0.69	<10
H740515		20	13.65	1340	<1	0.54	1310	640	2	1.08	<5	13	273	<20	0.69	<10
H740516		20	14.00	1340	<1	0.53	1180	590	<2	1.03	<5	12	235	<20	0.69	10
H740517		20	14.05	1360	<1	0.59	1250	610	<2	1.12	<5	13	305	<20	0.71	<10
H740518		20	13.80	1340	<1	0.64	1160	650	<2	0.93	<5	13	341	<20	0.78	<10
H740519		20	12.80	1330	1	0.67	1140	760	2	1.69	<5	15	313	<20	0.87	<10
H740520		10	0.22	566	<1	2.61	5	180	6	0.01	<5	4	171	<20	0.11	<10
H740521		20	11.75	1430	<1	0.78	1490	810	9	1.82	<5	13	378	<20	0.97	<10
H740522		30	10.35	1470	<1	0.93	1130	980	19	1.33	<5	13	488	<20	1.16	<10
H740523		40	3.42	1200	1	2.79	50	1610	23	2.92	<5	14	398	<20	1.68	10
H740524		40	0.25	89	2	2.16	7	380	51	0.85	<5	4	118	30	0.10	<10
H740525		30	0.23	95	1	2.09	3	320	32	0.54	<5	4	108	20	0.09	<10

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Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-106 BL

CERTIFICATE OF ANALYSIS TB09049808

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740501		10	8	<10	12	0.001	0.0005	<0.001			
H740502		10	9	<10	10	0.002	0.0010	0.001			
H740503		10	92	<10	45	0.015	0.287	0.276			
H740504		10	15	<10	14	0.003	0.0171	0.016			
H740505		<10	211	<10	118	0.004	0.0342	0.029			
H740506		<10	134	<10	88	0.007	0.0718	0.061			
H740507		<10	187	<10	104	0.007	0.0778	0.068			
H740508		<10	192	<10	119	0.008	0.0941	0.082			
H740509		<10	163	<10	105	0.007	0.0892	0.089			
H740510		<10	147	<10	104	0.116	0.364	0.350			
H740511		<10	155	<10	110	0.020	0.257	0.264			
H740512		<10	144	<10	107	0.010	0.1230	0.122			
H740513		<10	142	<10	108	0.054	0.788	0.785			
H740514		<10	151	<10	109	0.164	>1.00	>1.00	0.19	2.02	1.69
H740515		<10	152	<10	121	0.068	0.681	0.652			
H740516		<10	148	<10	104	0.010	0.0880	0.087			
H740517		<10	154	<10	107	0.016	0.1800	0.171			
H740518		<10	160	<10	104	0.010	0.1040	0.098			
H740519		<10	181	<10	106	0.023	0.227	0.207			
H740520		10	15	<10	27	0.002	0.0014	0.001			
H740521		<10	204	<10	124	0.275	>1.00	>1.00	0.28	1.81	1.69
H740522		<10	224	<10	128	0.229	>1.00	>1.00	0.24	2.09	1.66
H740523		<10	301	<10	127	0.003	0.0080	0.010			
H740524		10	11	<10	64	0.003	0.0021	0.004			
H740525		10	9	<10	136	0.002	0.0011	0.001			

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

Finalized Date: 28-MAY-2009
Account: MGMAM

CERTIFICATE TB09050480

Project: SD09-107 BL

P.O. No.:

This report is for 31 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-107 BL

CERTIFICATE OF ANALYSIS TB09050480

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740526		4.38	<0.5	6.49	<5	740	1.2	<2	0.16	<0.5	2	12	<1	0.86	20	4.53
H740527		4.21	<0.5	6.33	<5	930	1.3	<2	0.17	<0.5	3	18	7	1.20	20	4.41
H740528		2.80	<0.5	5.41	6	320	1.4	<2	4.33	<0.5	43	51	164	7.98	20	0.45
H740529		1.69	<0.5	4.48	<5	60	1.2	<2	6.12	<0.5	46	537	245	7.47	10	0.14
H740530		1.81	<0.5	4.38	<5	60	1.2	<2	5.93	<0.5	45	490	236	7.26	10	0.13
H740531		3.35	<0.5	3.67	34	120	1.0	2	4.15	<0.5	95	1240	397	9.06	10	0.26
H740532		2.43	<0.5	3.27	<5	140	0.9	<2	3.69	<0.5	101	1460	650	9.53	10	0.28
H740533		2.40	<0.5	3.13	28	170	0.8	<2	3.52	<0.5	102	1630	343	9.83	10	0.33
H740534		2.53	0.7	3.07	51	110	0.8	<2	3.23	<0.5	107	1590	938	9.98	10	0.33
H740535		2.38	<0.5	3.07	54	100	0.8	<2	3.21	<0.5	101	1660	424	9.57	10	0.31
H740536		2.37	<0.5	3.18	27	70	0.8	2	3.48	<0.5	101	1640	420	9.63	10	0.28
H740537		2.41	<0.5	3.15	29	190	0.8	2	3.58	<0.5	97	1610	397	9.61	10	0.24
H740538		2.33	<0.5	3.07	10	270	0.7	3	3.84	<0.5	100	1660	269	9.72	10	0.31
H740539		2.39	1.1	2.96	58	50	0.8	4	3.27	<0.5	114	1620	1490	10.10	10	0.25
H740540		0.10	0.5	7.47	934	260	<0.5	<2	5.40	<0.5	31	479	250	5.20	10	0.75
H740541		1.98	3.7	2.77	65	30	0.7	5	3.71	<0.5	134	1540	3010	10.85	10	0.15
H740542		2.40	1.1	2.82	33	20	0.7	6	4.40	<0.5	121	1380	2370	10.40	10	0.11
H740543		2.45	1.1	2.90	31	40	0.8	<2	5.34	<0.5	96	1220	747	9.60	10	0.13
H740544		1.40	1.5	3.87	92	60	1.1	4	4.50	<0.5	144	818	3060	11.30	10	0.16
H740545		1.42	1.8	5.91	881	250	1.4	3	0.66	1.0	129	50	3330	7.04	20	1.26
H740546		4.51	<0.5	6.37	7	650	1.1	<2	0.34	<0.5	2	15	15	1.20	20	4.11
H740547		4.26	<0.5	6.12	<5	770	1.0	<2	0.27	<0.5	2	13	7	1.26	20	4.89
H740548		3.98	<0.5	6.51	<5	1180	1.1	4	0.23	<0.5	2	11	2	1.42	20	4.37
H740549		4.60	<0.5	6.52	<5	1100	1.1	<2	0.27	<0.5	2	10	2	1.27	20	4.88
H740550		0.08	<0.5	5.97	<5	900	1.0	<2	1.31	<0.5	3	20	15	1.54	10	2.10
H740551		1.60	<0.5	7.33	<5	760	1.6	<2	1.38	<0.5	20	9	13	4.78	20	3.42
H740552		3.04	<0.5	7.04	<5	590	2.0	<2	2.94	<0.5	44	22	27	9.39	20	0.68
H740553		3.77	<0.5	7.00	<5	690	1.8	<2	2.84	<0.5	60	44	41	11.30	20	0.56
H740554		4.60	<0.5	7.52	7	660	2.0	<2	3.21	<0.5	41	18	25	9.04	20	0.96
H740555		3.97	<0.5	6.45	<5	700	1.1	<2	0.34	<0.5	2	12	1	1.37	20	3.59
H740556		4.18	<0.5	6.55	<5	670	1.3	<2	0.35	<0.5	2	12	1	1.10	20	3.78

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-107 BL

CERTIFICATE OF ANALYSIS TB09050480

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740526		20	0.23	69	1	1.73	5	220	15	0.19	<5	3	131	20	0.05	<10
H740527		20	0.30	98	1	1.69	7	250	26	0.28	<5	2	125	<20	0.06	<10
H740528		30	4.56	874	18	2.45	68	990	13	3.32	<5	35	147	<20	1.06	<10
H740529		30	6.93	1380	1	1.96	152	850	9	1.06	<5	38	120	<20	0.96	<10
H740530		30	6.65	1300	<1	1.93	142	850	7	1.03	<5	37	114	<20	0.94	<10
H740531		30	11.20	1765	1	0.61	696	740	35	1.26	<5	18	220	<20	0.75	<10
H740532		20	11.85	1490	1	0.52	831	770	4	0.49	<5	17	251	<20	0.80	<10
H740533		20	12.60	1405	<1	0.54	840	730	2	1.43	<5	17	291	<20	0.70	<10
H740534		30	12.40	1390	<1	0.44	987	910	3	2.30	<5	16	219	<20	0.55	<10
H740535		20	12.75	1385	<1	0.36	861	870	4	1.61	<5	15	205	<20	0.55	<10
H740536		20	12.70	1450	<1	0.35	830	860	2	1.47	<5	17	194	<20	0.63	<10
H740537		20	12.40	1450	<1	0.36	783	950	4	1.36	<5	17	256	<20	0.67	<10
H740538		20	12.45	1400	<1	0.47	782	790	7	1.03	<5	18	259	<20	0.70	<10
H740539		20	12.65	1450	<1	0.35	1190	660	6	2.05	<5	17	173	<20	0.63	<10
H740540		10	2.82	556	7	1.12	736	280	27	0.61	8	8	166	<20	0.16	<10
H740541		20	12.55	1400	1	0.25	1630	650	6	3.09	<5	19	116	<20	0.57	<10
H740542		20	11.90	1515	<1	0.34	1200	590	5	1.62	<5	22	90	<20	0.69	<10
H740543		20	11.70	1490	<1	0.45	702	630	8	1.00	<5	29	109	<20	0.73	<10
H740544		30	8.17	1555	1	1.03	1670	760	23	3.76	<5	26	126	<20	0.99	<10
H740545		20	1.55	391	1	2.65	1980	260	76	3.69	<5	5	83	<20	0.16	<10
H740546		30	0.40	132	<1	2.53	15	250	8	0.41	<5	2	123	<20	0.05	<10
H740547		30	0.40	119	<1	1.72	8	240	12	0.42	<5	3	136	20	0.08	<10
H740548		50	0.44	136	<1	2.02	8	260	14	0.56	<5	4	220	30	0.08	<10
H740549		40	0.36	118	1	1.87	12	290	18	0.47	<5	4	219	30	0.09	<10
H740550		10	0.20	562	1	2.61	3	180	7	<0.01	<5	4	169	<20	0.11	<10
H740551		60	1.79	513	<1	2.39	11	1010	20	1.71	<5	10	212	30	0.83	<10
H740552		40	2.99	1090	1	3.28	41	1730	14	3.54	<5	14	471	<20	1.71	<10
H740553		40	3.47	1360	1	3.04	48	1670	14	3.05	<5	15	480	<20	1.96	<10
H740554		50	3.22	1030	1	3.28	25	1890	5	1.32	<5	15	463	<20	1.65	<10
H740555		60	0.36	100	<1	2.47	4	250	20	0.63	<5	4	133	30	0.11	<10
H740556		50	0.32	92	<1	2.49	4	240	21	0.24	<5	4	124	30	0.10	<10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-107 BL

CERTIFICATE OF ANALYSIS TB09050480

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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	Au-AA25 Au ppm 0.01
H740526		20	5	<10	5	0.001	<0.0005	<0.001				
H740527		40	9	<10	15	0.002	0.0067	0.006				
H740528		<10	248	<10	79	0.004	0.0041	0.001				
H740529		<10	232	<10	102	0.006	0.0322	0.018				
H740530		<10	227	<10	94	0.006	0.0325	0.016				
H740531		<10	165	<10	196	0.011	0.1260	0.123				
H740532		<10	167	<10	103	0.015	0.229	0.244				
H740533		<10	164	<10	105	0.009	0.0994	0.098				
H740534		<10	162	<10	112	0.021	0.326	0.332				
H740535		<10	148	<10	102	0.012	0.1435	0.146				
H740536		<10	155	<10	102	0.011	0.1355	0.137				
H740537		<10	164	<10	103	0.010	0.1290	0.124				
H740538		<10	165	<10	102	0.007	0.0861	0.080				
H740539		<10	155	<10	106	0.030	0.514	0.505				
H740540		<10	64	<10	43	>1.00	>1.00	>1.00	1.05	1.22	4.78	NSS
H740541		<10	153	<10	125	0.076	>1.00	>1.00	0.07	1.14	1.11	
H740542		<10	165	<10	124	0.066	0.882	0.907				
H740543		<10	181	<10	99	0.023	0.275	0.267				
H740544		<10	260	<10	118	0.049	>1.00	>1.00	0.05	1.15	1.08	
H740545		10	33	<10	288	0.058	>1.00	>1.00	0.06	1.09	1.19	
H740546		10	7	<10	20	0.005	0.0071	0.007				
H740547		10	10	<10	9	0.002	0.0010	0.001				
H740548		10	10	<10	14	0.001	0.0006	0.001				
H740549		10	9	<10	12	0.001	0.0005	0.001				
H740550		10	15	<10	27	0.001	0.0005	<0.001				
H740551		<10	106	<10	91	0.002	0.0006	0.001				
H740552		<10	269	<10	112	0.001	0.0007	0.001				
H740553		<10	353	<10	135	0.001	0.0007	0.001				
H740554		<10	247	<10	113	0.001	0.0005	<0.001				
H740555		10	13	<10	11	0.002	0.0005	<0.001				
H740556		10	10	<10	9	0.001	0.0006	<0.001				

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THUNDER BAY ON P7B 6V1

Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-107 BL

CERTIFICATE OF ANALYSIS TB09050480

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

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THUNDER BAY ON P7B 6V1

Finalized Date: 28-MAY-2009
Account: MGMAM

CERTIFICATE TB09050488

Project: SD09-108 BL

P.O. No.:

This report is for 7 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-108 BL

CERTIFICATE OF ANALYSIS TB09050488

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740601		4.26	<0.5	6.98	<5	760	1.2	<2	0.30	<0.5	2	9	<1	1.24	10	4.02
H740602		4.24	<0.5	6.89	<5	770	1.2	<2	0.37	<0.5	2	7	<1	1.04	20	4.24
H740603		4.17	<0.5	7.82	8	500	1.8	<2	3.08	<0.5	51	9	22	9.35	20	0.83
H740604		3.47	<0.5	7.02	8	330	1.5	3	2.92	<0.5	71	54	42	11.95	20	0.69
H740605		3.39	<0.5	7.48	5	580	1.9	<2	2.94	0.6	49	21	34	9.21	20	0.88
H740606		4.25	<0.5	6.74	<5	700	1.2	<2	0.37	<0.5	2	9	<1	1.10	20	3.70
H740607		4.00	<0.5	6.52	<5	550	1.2	<2	0.41	<0.5	2	8	<1	0.88	20	3.68

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Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-108 BL

CERTIFICATE OF ANALYSIS TB09050488

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740601		40	0.28	130	<1	2.50	<1	240	24	0.45	<5	3	226	30	0.10	<10
H740602		40	0.23	95	1	2.52	<1	270	32	0.64	<5	3	213	20	0.08	<10
H740603		40	3.36	1305	2	3.18	27	1730	16	3.74	9	15	378	<20	1.78	<10
H740604		30	3.22	1160	1	2.72	57	1500	38	8.12	<5	14	342	<20	2.04	<10
H740605		40	3.27	1175	1	2.88	25	1730	12	2.99	<5	15	361	<20	1.75	<10
H740606		50	0.28	106	1	2.52	1	240	25	0.46	<5	3	171	30	0.11	<10
H740607		40	0.21	98	1	2.45	<1	230	25	0.30	<5	3	134	20	0.09	<10

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Finalized Date: 28-MAY-2009
Account: MGMAM

Project: SD09-108 BL

CERTIFICATE OF ANALYSIS TB09050488

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H740601		<10	11	<10	14	<0.001	0.0005	<0.001
H740602		<10	9	<10	15	<0.001	<0.0005	<0.001
H740603		<10	267	<10	144	<0.001	0.0012	0.001
H740604		<10	391	<10	137	<0.001	0.0008	0.001
H740605		<10	275	<10	137	0.001	<0.0005	<0.001
H740606		<10	12	<10	12	0.002	<0.0005	<0.001
H740607		<10	9	<10	10	0.001	<0.0005	<0.001

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ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 1-JUN-2009
Account: MGMAM

CERTIFICATE TB09050489

Project: SD09-109 BL

P.O. No.:

This report is for 35 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
Sample Description															
H740557	4.03	<0.5	6.80	<5	1050	1.9	2	0.24	<0.5	1	8	2	0.99	20	4.59
H740558	4.06	<0.5	6.86	<5	1180	1.8	<2	0.22	<0.5	1	10	4	1.16	20	4.61
H740559	1.66	<0.5	6.31	26	430	1.8	<2	2.84	<0.5	21	333	228	3.96	20	1.57
H740560	1.63	<0.5	6.39	24	410	1.8	<2	2.84	<0.5	26	365	269	4.27	20	1.47
H740561	3.59	<0.5	5.40	21	780	1.6	<2	4.98	<0.5	52	714	312	6.72	10	0.59
H740562	3.97	<0.5	6.23	<5	770	1.2	<2	0.40	<0.5	2	31	4	1.40	20	3.27
H740563	4.25	<0.5	5.99	<5	940	1.0	<2	1.11	<0.5	1	20	1	1.01	10	4.07
H740564	3.99	<0.5	6.37	<5	920	1.2	2	0.55	<0.5	2	19	3	1.51	20	3.44
H740565	4.57	<0.5	6.31	<5	1060	1.3	<2	0.45	<0.5	2	16	<1	1.30	20	4.13
H740566	1.86	<0.5	6.46	6	320	1.6	2	4.11	<0.5	38	201	177	6.09	10	1.05
H740567	1.95	<0.5	4.43	<5	120	1.2	3	3.53	0.7	80	1040	378	9.13	10	0.31
H740568	2.38	<0.5	3.57	<5	200	0.6	<2	3.28	<0.5	99	2030	377	9.91	<10	0.29
H740569	2.46	<0.5	2.98	11	110	0.5	2	3.22	<0.5	118	2360	632	10.45	<10	0.24
H740570	0.10	<0.5	8.19	819	250	<0.5	<2	5.32	<0.5	31	479	247	5.16	10	0.77
H740571	2.38	0.5	3.07	<5	100	0.5	2	3.51	<0.5	118	2200	996	10.05	<10	0.24
H740572	2.41	0.7	2.89	<5	90	0.5	3	2.33	<0.5	127	2870	562	10.55	10	0.30
H740573	2.45	<0.5	3.73	<5	90	0.6	3	2.89	<0.5	106	2210	678	9.27	<10	0.34
H740574	2.45	0.6	2.98	<5	100	0.5	3	2.84	<0.5	120	2710	887	10.15	<10	0.31
H740575	1.97	<0.5	3.04	<5	120	0.6	<2	2.19	<0.5	126	2640	456	10.30	<10	0.35
H740576	2.32	<0.5	2.61	<5	90	0.5	2	2.42	<0.5	131	2720	459	10.15	10	0.21
H740577	2.31	<0.5	2.74	<5	110	0.6	4	2.54	<0.5	125	2550	351	9.94	<10	0.25
H740578	2.49	<0.5	2.82	<5	130	0.6	3	2.58	<0.5	124	2990	469	10.30	<10	0.35
H740579	2.61	<0.5	3.17	9	140	0.8	2	2.88	<0.5	113	2770	354	10.00	<10	0.43
H740580	0.09	<0.5	5.86	<5	870	1.0	<2	1.31	<0.5	3	22	14	1.48	10	2.00
H740581	2.40	<0.5	3.34	<5	150	0.7	<2	3.34	<0.5	104	2390	409	9.71	<10	0.42
H740582	2.32	0.7	3.18	<5	150	1.2	<2	2.73	<0.5	125	2560	1140	10.50	<10	0.52
H740583	2.32	<0.5	3.62	6	140	1.2	<2	2.44	<0.5	113	1580	75	10.75	<10	0.47
H740584	3.59	<0.5	6.65	<5	630	1.3	2	0.41	<0.5	18	21	6	1.56	20	3.86
H740585	3.66	<0.5	6.54	<5	1010	1.4	<2	0.22	<0.5	2	13	1	1.06	20	4.59
H740586	3.50	<0.5	6.87	<5	720	1.6	4	0.86	<0.5	10	14	5	2.85	20	3.18
H740587	4.78	<0.5	6.61	<5	890	1.4	4	0.24	<0.5	1	17	1	0.89	10	4.38
H740588	3.73	<0.5	7.39	<5	590	2.0	3	2.99	<0.5	36	14	25	8.06	10	0.53
H740589	2.13	<0.5	6.38	<5	580	1.5	<2	0.29	<0.5	2	8	<1	1.14	10	3.48
H740590	2.08	<0.5	6.43	<5	580	1.5	2	0.31	<0.5	1	8	1	1.22	20	3.49
H740591	4.03	<0.5	6.06	<5	540	1.3	<2	0.27	<0.5	2	11	1	0.96	20	3.61

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

Method / Analyte / Units / LOR / Sample Description	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740557	40	0.29	109	<1	1.84	1	390	5	0.47	<5	3	117	20	0.07	<10
H740558	30	0.31	128	<1	1.92	4	290	13	0.56	<5	3	128	20	0.07	<10
H740559	40	2.70	703	<1	2.59	148	630	27	0.77	<5	10	185	20	0.52	10
H740560	40	2.93	779	1	2.63	157	660	32	0.87	<5	11	194	20	0.56	<10
H740561	30	5.77	1345	<1	1.81	369	920	52	1.14	6	20	366	<20	1.00	10
H740562	30	0.44	160	<1	2.77	6	250	20	0.52	<5	3	123	20	0.15	10
H740563	20	0.24	187	<1	2.22	2	180	14	0.38	<5	2	128	<20	0.05	<10
H740564	30	0.44	178	1	2.70	2	290	27	0.56	<5	3	160	20	0.11	<10
H740565	30	0.33	156	<1	2.25	<1	240	7	0.60	<5	2	172	20	0.09	<10
H740566	30	3.76	2020	<1	2.52	127	1310	101	0.92	<5	20	252	<20	1.33	<10
H740567	20	10.10	2040	1	0.95	662	880	113	0.57	<5	19	222	<20	1.04	<10
H740568	20	12.20	1325	1	0.45	859	790	13	0.86	<5	17	239	<20	0.91	<10
H740569	10	12.85	1380	1	0.51	1050	690	4	1.51	<5	17	280	<20	0.80	<10
H740570	10	2.84	534	6	1.05	715	270	17	0.60	9	9	169	<20	0.15	<10
H740571	20	12.65	1320	1	0.56	1205	690	<2	1.20	<5	17	278	<20	0.78	10
H740572	10	14.05	1365	1	0.53	1180	580	4	1.35	<5	13	266	<20	0.73	<10
H740573	20	12.35	1330	1	0.73	1055	740	5	1.62	<5	12	320	<20	0.79	<10
H740574	20	13.90	1310	1	0.62	1400	710	8	1.83	<5	12	341	<20	0.72	<10
H740575	20	14.95	1365	1	0.58	1260	680	5	1.01	<5	12	271	<20	0.73	<10
H740576	20	14.80	1315	1	0.44	1310	640	<2	0.40	<5	12	242	<20	0.69	<10
H740577	20	14.65	1305	1	0.51	1210	590	4	0.47	<5	11	288	<20	0.65	<10
H740578	20	14.75	1340	1	0.63	1205	780	5	2.31	<5	12	305	<20	0.67	<10
H740579	20	13.80	1315	1	0.73	1065	600	4	1.50	<5	14	343	<20	0.71	<10
H740580	10	0.21	537	1	2.49	2	180	6	0.01	<5	4	170	<20	0.11	<10
H740581	20	12.95	1290	<1	0.83	975	710	6	1.56	<5	14	375	<20	0.76	<10
H740582	20	13.05	1395	1	0.75	1370	800	8	2.73	<5	13	335	<20	0.69	<10
H740583	20	11.20	1355	1	0.68	697	920	6	2.48	<5	13	311	<20	0.80	<10
H740584	20	0.67	176	<1	2.31	24	380	3	0.33	<5	4	169	20	0.19	<10
H740585	40	0.45	145	<1	1.82	2	270	6	0.26	<5	3	252	20	0.10	<10
H740586	50	1.03	229	<1	2.37	5	710	23	1.52	<5	7	216	20	0.52	<10
H740587	40	0.28	84	<1	2.02	<1	240	22	0.42	<5	3	179	20	0.07	<10
H740588	40	3.03	1045	1	2.69	14	1810	20	3.41	<5	15	229	<20	1.47	10
H740589	40	0.29	91	<1	2.32	<1	210	18	0.45	<5	3	114	30	0.10	<10
H740590	40	0.31	98	<1	2.30	<1	220	17	0.49	<5	3	112	30	0.10	<10
H740591	40	0.25	74	<1	2.11	<1	210	18	0.28	5	3	113	20	0.08	<10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740557		<10	8	<10	10	<0.001	0.0005	<0.001			
H740558		10	7	<10	28	<0.001	0.0006	<0.001			
H740559		<10	94	<10	98	0.002	0.0098	0.008			
H740560		<10	101	<10	100	0.002	0.0135	0.011			
H740561		<10	192	<10	106	0.005	0.0490	0.042			
H740562		10	20	<10	25	0.001	0.0017	0.001			
H740563		10	4	<10	6	0.005	0.0018	0.001			
H740564		10	13	<10	15	0.002	0.0008	<0.001			
H740565		10	7	<10	7	0.001	0.0007	<0.001			
H740566		<10	243	<10	149	0.005	0.0645	0.052			
H740567		<10	221	<10	305	0.009	0.129	0.112			
H740568		<10	201	<10	106	0.010	0.140	0.125			
H740569		<10	195	<10	114	0.019	0.249	0.231			
H740570		<10	64	<10	45	0.948	>1.00	>1.00	NSS	NSS	NSS
H740571		<10	178	<10	111	0.039	0.372	0.384			
H740572		<10	167	<10	116	0.018	0.193	0.188			
H740573		<10	162	<10	103	0.020	0.266	0.258			
H740574		<10	154	<10	107	0.023	0.338	0.330			
H740575		<10	157	<10	112	0.012	0.163	0.155			
H740576		<10	149	<10	163	0.012	0.164	0.150			
H740577		<10	141	<10	110	0.009	0.113	0.104			
H740578		<10	152	<10	112	0.012	0.154	0.151			
H740579		<10	162	<10	120	0.008	0.106	0.101			
H740580		<10	15	<10	29	0.001	0.0008	0.001			
H740581		<10	167	<10	100	0.009	0.123	0.110			
H740582		<10	176	<10	117	0.032	0.439	0.430			
H740583		<10	195	<10	120	0.002	0.0098	0.008			
H740584		10	22	<10	11	<0.001	0.0011	0.001			
H740585		<10	11	<10	8	0.001	0.0007	<0.001			
H740586		<10	71	<10	41	<0.001	0.0006	<0.001			
H740587		10	7	<10	11	0.002	0.0006	<0.001			
H740588		<10	206	<10	131	<0.001	0.0006	<0.001			
H740589		<10	10	<10	9	0.001	<0.0005	<0.001			
H740590		10	10	<10	9	0.001	<0.0005	<0.001			
H740591		<10	9	<10	5	<0.001	<0.0005	<0.001			

***** See Appendix Page for comments regarding this certificate *****

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THUNDER BAY ON P7B 6V1

Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

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

ALS Chemex
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Finalized Date: 1-JUN-2009
Account: MGMAM

CERTIFICATE TB09050489

Project: SD09-109 BL

P.O. No.:

This report is for 35 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
Sample Description															
H740557	4.03	<0.5	6.80	<5	1050	1.9	2	0.24	<0.5	1	8	2	0.99	20	4.59
H740558	4.06	<0.5	6.86	<5	1180	1.8	<2	0.22	<0.5	1	10	4	1.16	20	4.61
H740559	1.66	<0.5	6.31	26	430	1.8	<2	2.84	<0.5	21	333	228	3.96	20	1.57
H740560	1.63	<0.5	6.39	24	410	1.8	<2	2.84	<0.5	26	365	269	4.27	20	1.47
H740561	3.59	<0.5	5.40	21	780	1.6	<2	4.98	<0.5	52	714	312	6.72	10	0.59
H740562	3.97	<0.5	6.23	<5	770	1.2	<2	0.40	<0.5	2	31	4	1.40	20	3.27
H740563	4.25	<0.5	5.99	<5	940	1.0	<2	1.11	<0.5	1	20	1	1.01	10	4.07
H740564	3.99	<0.5	6.37	<5	920	1.2	2	0.55	<0.5	2	19	3	1.51	20	3.44
H740565	4.57	<0.5	6.31	<5	1060	1.3	<2	0.45	<0.5	2	16	<1	1.30	20	4.13
H740566	1.86	<0.5	6.46	6	320	1.6	2	4.11	<0.5	38	201	177	6.09	10	1.05
H740567	1.95	<0.5	4.43	<5	120	1.2	3	3.53	0.7	80	1040	378	9.13	10	0.31
H740568	2.38	<0.5	3.57	<5	200	0.6	<2	3.28	<0.5	99	2030	377	9.91	<10	0.29
H740569	2.46	<0.5	2.98	11	110	0.5	2	3.22	<0.5	118	2360	632	10.45	<10	0.24
H740570	0.10	<0.5	8.19	819	250	<0.5	<2	5.32	<0.5	31	479	247	5.16	10	0.77
H740571	2.38	0.5	3.07	<5	100	0.5	2	3.51	<0.5	118	2200	996	10.05	<10	0.24
H740572	2.41	0.7	2.89	<5	90	0.5	3	2.33	<0.5	127	2870	562	10.55	10	0.30
H740573	2.45	<0.5	3.73	<5	90	0.6	3	2.89	<0.5	106	2210	678	9.27	<10	0.34
H740574	2.45	0.6	2.98	<5	100	0.5	3	2.84	<0.5	120	2710	887	10.15	<10	0.31
H740575	1.97	<0.5	3.04	<5	120	0.6	<2	2.19	<0.5	126	2640	456	10.30	<10	0.35
H740576	2.32	<0.5	2.61	<5	90	0.5	2	2.42	<0.5	131	2720	459	10.15	10	0.21
H740577	2.31	<0.5	2.74	<5	110	0.6	4	2.54	<0.5	125	2550	351	9.94	<10	0.25
H740578	2.49	<0.5	2.82	<5	130	0.6	3	2.58	<0.5	124	2990	469	10.30	<10	0.35
H740579	2.61	<0.5	3.17	9	140	0.8	2	2.88	<0.5	113	2770	354	10.00	<10	0.43
H740580	0.09	<0.5	5.86	<5	870	1.0	<2	1.31	<0.5	3	22	14	1.48	10	2.00
H740581	2.40	<0.5	3.34	<5	150	0.7	<2	3.34	<0.5	104	2390	409	9.71	<10	0.42
H740582	2.32	0.7	3.18	<5	150	1.2	<2	2.73	<0.5	125	2560	1140	10.50	<10	0.52
H740583	2.32	<0.5	3.62	6	140	1.2	<2	2.44	<0.5	113	1580	75	10.75	<10	0.47
H740584	3.59	<0.5	6.65	<5	630	1.3	2	0.41	<0.5	18	21	6	1.56	20	3.86
H740585	3.66	<0.5	6.54	<5	1010	1.4	<2	0.22	<0.5	2	13	1	1.06	20	4.59
H740586	3.50	<0.5	6.87	<5	720	1.6	4	0.86	<0.5	10	14	5	2.85	20	3.18
H740587	4.78	<0.5	6.61	<5	890	1.4	4	0.24	<0.5	1	17	1	0.89	10	4.38
H740588	3.73	<0.5	7.39	<5	590	2.0	3	2.99	<0.5	36	14	25	8.06	10	0.53
H740589	2.13	<0.5	6.38	<5	580	1.5	<2	0.29	<0.5	2	8	<1	1.14	10	3.48
H740590	2.08	<0.5	6.43	<5	580	1.5	2	0.31	<0.5	1	8	1	1.22	20	3.49
H740591	4.03	<0.5	6.06	<5	540	1.3	<2	0.27	<0.5	2	11	1	0.96	20	3.61

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

Method / Analyte / Units / LOR / Sample Description	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740557	40	0.29	109	<1	1.84	1	390	5	0.47	<5	3	117	20	0.07	<10
H740558	30	0.31	128	<1	1.92	4	290	13	0.56	<5	3	128	20	0.07	<10
H740559	40	2.70	703	<1	2.59	148	630	27	0.77	<5	10	185	20	0.52	10
H740560	40	2.93	779	1	2.63	157	660	32	0.87	<5	11	194	20	0.56	<10
H740561	30	5.77	1345	<1	1.81	369	920	52	1.14	6	20	366	<20	1.00	10
H740562	30	0.44	160	<1	2.77	6	250	20	0.52	<5	3	123	20	0.15	10
H740563	20	0.24	187	<1	2.22	2	180	14	0.38	<5	2	128	<20	0.05	<10
H740564	30	0.44	178	1	2.70	2	290	27	0.56	<5	3	160	20	0.11	<10
H740565	30	0.33	156	<1	2.25	<1	240	7	0.60	<5	2	172	20	0.09	<10
H740566	30	3.76	2020	<1	2.52	127	1310	101	0.92	<5	20	252	<20	1.33	<10
H740567	20	10.10	2040	1	0.95	662	880	113	0.57	<5	19	222	<20	1.04	<10
H740568	20	12.20	1325	1	0.45	859	790	13	0.86	<5	17	239	<20	0.91	<10
H740569	10	12.85	1380	1	0.51	1050	690	4	1.51	<5	17	280	<20	0.80	<10
H740570	10	2.84	534	6	1.05	715	270	17	0.60	9	9	169	<20	0.15	<10
H740571	20	12.65	1320	1	0.56	1205	690	<2	1.20	<5	17	278	<20	0.78	10
H740572	10	14.05	1365	1	0.53	1180	580	4	1.35	<5	13	266	<20	0.73	<10
H740573	20	12.35	1330	1	0.73	1055	740	5	1.62	<5	12	320	<20	0.79	<10
H740574	20	13.90	1310	1	0.62	1400	710	8	1.83	<5	12	341	<20	0.72	<10
H740575	20	14.95	1365	1	0.58	1260	680	5	1.01	<5	12	271	<20	0.73	<10
H740576	20	14.80	1315	1	0.44	1310	640	<2	0.40	<5	12	242	<20	0.69	<10
H740577	20	14.65	1305	1	0.51	1210	590	4	0.47	<5	11	288	<20	0.65	<10
H740578	20	14.75	1340	1	0.63	1205	780	5	2.31	<5	12	305	<20	0.67	<10
H740579	20	13.80	1315	1	0.73	1065	600	4	1.50	<5	14	343	<20	0.71	<10
H740580	10	0.21	537	1	2.49	2	180	6	0.01	<5	4	170	<20	0.11	<10
H740581	20	12.95	1290	<1	0.83	975	710	6	1.56	<5	14	375	<20	0.76	<10
H740582	20	13.05	1395	1	0.75	1370	800	8	2.73	<5	13	335	<20	0.69	<10
H740583	20	11.20	1355	1	0.68	697	920	6	2.48	<5	13	311	<20	0.80	<10
H740584	20	0.67	176	<1	2.31	24	380	3	0.33	<5	4	169	20	0.19	<10
H740585	40	0.45	145	<1	1.82	2	270	6	0.26	<5	3	252	20	0.10	<10
H740586	50	1.03	229	<1	2.37	5	710	23	1.52	<5	7	216	20	0.52	<10
H740587	40	0.28	84	<1	2.02	<1	240	22	0.42	<5	3	179	20	0.07	<10
H740588	40	3.03	1045	1	2.69	14	1810	20	3.41	<5	15	229	<20	1.47	10
H740589	40	0.29	91	<1	2.32	<1	210	18	0.45	<5	3	114	30	0.10	<10
H740590	40	0.31	98	<1	2.30	<1	220	17	0.49	<5	3	112	30	0.10	<10
H740591	40	0.25	74	<1	2.11	<1	210	18	0.28	5	3	113	20	0.08	<10

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

Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740557		<10	8	<10	10	<0.001	0.0005	<0.001			
H740558		10	7	<10	28	<0.001	0.0006	<0.001			
H740559		<10	94	<10	98	0.002	0.0098	0.008			
H740560		<10	101	<10	100	0.002	0.0135	0.011			
H740561		<10	192	<10	106	0.005	0.0490	0.042			
H740562		10	20	<10	25	0.001	0.0017	0.001			
H740563		10	4	<10	6	0.005	0.0018	0.001			
H740564		10	13	<10	15	0.002	0.0008	<0.001			
H740565		10	7	<10	7	0.001	0.0007	<0.001			
H740566		<10	243	<10	149	0.005	0.0645	0.052			
H740567		<10	221	<10	305	0.009	0.129	0.112			
H740568		<10	201	<10	106	0.010	0.140	0.125			
H740569		<10	195	<10	114	0.019	0.249	0.231			
H740570		<10	64	<10	45	0.948	>1.00	>1.00	NSS	NSS	NSS
H740571		<10	178	<10	111	0.039	0.372	0.384			
H740572		<10	167	<10	116	0.018	0.193	0.188			
H740573		<10	162	<10	103	0.020	0.266	0.258			
H740574		<10	154	<10	107	0.023	0.338	0.330			
H740575		<10	157	<10	112	0.012	0.163	0.155			
H740576		<10	149	<10	163	0.012	0.164	0.150			
H740577		<10	141	<10	110	0.009	0.113	0.104			
H740578		<10	152	<10	112	0.012	0.154	0.151			
H740579		<10	162	<10	120	0.008	0.106	0.101			
H740580		<10	15	<10	29	0.001	0.0008	0.001			
H740581		<10	167	<10	100	0.009	0.123	0.110			
H740582		<10	176	<10	117	0.032	0.439	0.430			
H740583		<10	195	<10	120	0.002	0.0098	0.008			
H740584		10	22	<10	11	<0.001	0.0011	0.001			
H740585		<10	11	<10	8	0.001	0.0007	<0.001			
H740586		<10	71	<10	41	<0.001	0.0006	<0.001			
H740587		10	7	<10	11	0.002	0.0006	<0.001			
H740588		<10	206	<10	131	<0.001	0.0006	<0.001			
H740589		<10	10	<10	9	0.001	<0.0005	<0.001			
H740590		10	10	<10	9	0.001	<0.0005	<0.001			
H740591		<10	9	<10	5	<0.001	<0.0005	<0.001			

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

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

Finalized Date: 1-JUN-2009
Account: MGMAM

Project: SD09-109 BL

CERTIFICATE OF ANALYSIS TB09050489

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

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

Finalized Date: 30-MAY-2009
Account: MGMAM

CERTIFICATE TB09051520

Project: SD09-110 BL

P.O. No.:

This report is for 34 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30-MAY-2009
Account: MGMAM

Project: SD09-110 BL

CERTIFICATE OF ANALYSIS TB09051520

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740592	4.66	<0.5	6.61	<5	730	2.2	<2	0.30	<0.5	2	17	3	1.09	20	4.35
H740593	4.54	<0.5	6.53	5	840	1.9	<2	0.32	<0.5	2	10	58	1.14	20	4.43
H740594	3.33	<0.5	3.89	8	420	1.2	<2	5.38	<0.5	70	1210	501	7.99	10	0.39
H740595	2.41	0.6	3.58	<5	140	0.9	<2	4.59	<0.5	90	1770	527	8.71	10	0.37
H740596	2.41	<0.5	3.31	10	200	0.8	<2	3.86	<0.5	103	2330	934	8.90	10	0.38
H740597	2.44	0.6	3.23	6	190	0.7	<2	3.81	<0.5	103	2590	558	9.08	10	0.39
H740598	2.27	<0.5	3.29	7	270	0.8	4	3.90	<0.5	98	2400	307	8.95	10	0.39
H740599	2.36	0.7	3.09	<5	150	0.7	<2	3.78	<0.5	109	2150	919	9.31	10	0.33
H740600	0.09	0.8	8.03	943	260	<0.5	<2	5.39	<0.5	31	514	266	5.20	10	0.78
H740608	2.46	0.7	3.41	17	120	0.7	<2	3.85	<0.5	110	1750	1050	9.46	10	0.34
H740609	2.23	0.8	3.50	23	100	0.7	<2	3.54	<0.5	123	1830	1730	9.74	10	0.31
H740610	0.09	<0.5	6.23	<5	890	1.0	<2	1.37	<0.5	3	26	22	1.54	10	2.06
H740611	2.33	0.6	3.24	7	90	0.6	<2	3.71	<0.5	108	2090	855	9.32	10	0.30
H740612	2.42	0.5	3.36	12	170	0.7	<2	3.80	<0.5	99	2140	344	8.99	10	0.37
H740613	2.16	0.8	3.40	<5	150	0.7	2	3.73	<0.5	105	2160	866	9.11	<10	0.39
H740614	2.48	2.0	3.39	20	130	0.8	<2	3.51	<0.5	109	1900	2140	9.46	10	0.31
H740615	2.38	1.9	3.55	13	140	0.8	2	3.67	<0.5	118	1920	2610	9.46	10	0.33
H740616	2.29	1.3	3.55	14	110	0.8	<2	3.74	<0.5	102	1990	1440	9.04	10	0.30
H740617	2.94	2.6	3.63	63	50	0.9	<2	3.39	2.2	159	1570	4340	9.95	10	0.23
H740618	0.86	1.4	5.41	17	170	1.5	2	2.12	2.4	118	538	2930	6.85	10	0.89
H740619	2.21	0.8	6.34	233	730	1.5	2	0.32	0.5	11	11	1010	2.02	20	4.50
H740620	1.94	0.5	6.39	266	730	1.5	<2	0.36	<0.5	12	8	976	2.02	20	4.40
H740621	4.16	<0.5	6.58	5	770	1.4	<2	0.20	<0.5	1	20	21	1.23	20	4.61
H740622	3.89	<0.5	6.63	<5	860	1.6	<2	0.26	<0.5	1	9	4	1.32	20	4.74
H740623	4.31	<0.5	6.48	<5	810	1.5	<2	0.28	<0.5	1	10	36	1.03	20	4.62
H740624	1.66	0.5	4.22	9	50	1.3	3	2.28	<0.5	86	1870	308	8.80	10	0.30
H740625	2.30	1.0	3.73	11	410	0.7	<2	2.68	<0.5	116	1910	2630	10.65	10	0.28
H740626	2.17	<0.5	4.08	<5	240	0.7	3	3.50	<0.5	120	1160	268	11.20	10	0.33
H740627	1.85	<0.5	4.56	10	1080	1.1	<2	3.19	<0.5	106	966	52	11.00	10	0.50
H740628	3.47	0.5	6.36	13	300	1.3	<2	3.34	<0.5	91	212	43	15.35	20	1.04
H740629	4.12	<0.5	6.95	8	330	1.7	2	3.20	<0.5	62	59	50	10.95	20	0.99
H740630	0.09	0.8	2.98	<5	150	0.7	2	3.28	<0.5	110	2410	826	8.97	10	0.33
H740631	4.22	<0.5	6.12	<5	890	1.3	3	0.38	<0.5	2	16	3	1.00	20	3.89
H740632	4.01	<0.5	6.22	<5	720	1.3	<2	0.42	<0.5	2	9	2	1.13	20	3.68

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Finalized Date: 30-MAY-2009
Account: MGMAM

Project: SD09-110 BL

CERTIFICATE OF ANALYSIS TB09051520

Method / Analyte / Units / LOR / Sample Description	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740592	60	0.32	124	<1	2.19	3	340	8	0.19	<5	3	197	30	0.11	<10
H740593	50	0.36	144	<1	2.16	6	390	19	0.32	<5	3	176	30	0.12	<10
H740594	20	9.04	1320	<1	0.89	503	760	47	0.17	<5	21	349	<20	0.95	<10
H740595	20	11.05	1310	<1	0.71	786	760	4	0.22	<5	19	334	<20	0.90	<10
H740596	20	11.70	1290	<1	0.62	1090	690	4	0.59	<5	17	400	<20	0.78	<10
H740597	20	12.40	1320	<1	0.57	1060	770	3	0.43	<5	17	469	<20	0.80	<10
H740598	20	12.15	1320	<1	0.62	909	730	2	0.32	<5	17	641	<20	0.81	<10
H740599	20	12.35	1330	<1	0.62	1120	650	3	0.56	<5	17	357	<20	0.79	<10
H740600	10	2.83	563	7	1.09	724	290	19	0.63	12	9	178	<20	0.16	<10
H740608	20	11.80	1340	<1	0.67	1140	720	2	0.72	<5	18	369	<20	0.89	<10
H740609	20	11.90	1390	<1	0.57	1600	850	3	1.52	<5	17	307	<20	0.90	<10
H740610	10	0.22	577	<1	2.60	8	190	6	0.01	<5	5	180	<20	0.12	<10
H740611	20	12.30	1340	<1	0.50	1100	810	<2	0.83	<5	17	309	<20	0.81	<10
H740612	20	12.30	1320	<1	0.63	893	730	4	0.43	<5	17	418	<20	0.83	<10
H740613	20	12.00	1300	<1	0.74	1100	820	2	0.33	<5	16	378	<20	0.84	<10
H740614	20	12.50	1390	<1	0.53	1190	830	3	1.31	<5	17	309	<20	0.79	<10
H740615	20	11.40	1320	<1	0.71	1520	830	2	1.04	<5	17	339	<20	0.81	<10
H740616	20	11.20	1490	<1	0.65	1160	800	138	1.04	<5	17	268	<20	0.80	<10
H740617	20	10.30	1460	<1	0.73	2660	670	53	4.09	<5	16	82	<20	0.61	<10
H740618	40	3.73	715	<1	2.27	2340	590	27	3.11	<5	10	90	<20	0.48	<10
H740619	40	0.49	148	<1	1.92	305	300	19	1.19	<5	3	127	20	0.09	<10
H740620	40	0.50	156	<1	1.95	328	290	14	1.19	<5	3	125	20	0.09	<10
H740621	60	0.30	112	<1	1.97	14	290	12	0.66	<5	2	119	20	0.09	<10
H740622	50	0.44	112	<1	1.97	3	240	13	0.81	<5	3	189	30	0.10	<10
H740623	40	0.34	137	<1	1.94	8	200	8	0.33	<5	3	186	20	0.09	<10
H740624	20	11.25	1850	<1	0.60	661	820	32	1.02	<5	17	153	<20	0.94	<10
H740625	20	10.95	1400	1	0.56	919	750	17	2.10	<5	15	311	<20	0.95	<10
H740626	20	10.90	1470	<1	0.90	735	1120	4	0.73	<5	13	547	<20	1.14	<10
H740627	30	8.67	1300	<1	1.13	466	1130	4	0.48	<5	12	644	<20	1.28	<10
H740628	30	3.24	1240	<1	1.98	132	1360	20	4.27	<5	13	555	<20	2.43	<10
H740629	40	2.85	1030	<1	2.68	55	1610	39	5.12	<5	14	550	<20	1.92	<10
H740630	20	12.90	1300	1	0.76	1170	660	3	0.28	<5	15	343	<20	0.73	<10
H740631	40	0.28	122	<1	2.23	6	220	16	0.41	<5	2	211	20	0.09	<10
H740632	40	0.24	133	<1	2.38	3	220	17	0.51	<5	3	170	20	0.09	<10

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 30-MAY-2009
Account: MGMAM

Project: SD09-110 BL

CERTIFICATE OF ANALYSIS TB09051520

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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	Au-AA25 Au ppm 0.01
H740592		<10	11	<10	16	0.001	<0.0005	<0.001				
H740593		10	12	<10	46	0.001	0.0277	0.021				
H740594		<10	192	<10	125	0.016	0.200	0.174				
H740595		<10	178	<10	98	0.016	0.238	0.223				
H740596		<10	164	<10	99	0.029	0.436	0.395				
H740597		<10	169	<10	101	0.019	0.306	0.273				
H740598		<10	172	<10	101	0.007	0.130	0.107				
H740599		<10	168	<10	102	0.022	0.402	0.366				
H740600		<10	63	<10	46	>1.00	>1.00	>1.00	1.00	1.20	4.81	NSS
H740608		<10	178	<10	103	0.035	0.532	0.500				
H740609		<10	181	<10	107	0.041	0.850	0.803				
H740610		10	16	<10	34	0.001	0.0026	0.002				
H740611		<10	171	<10	102	0.028	0.430	0.387				
H740612		<10	171	<10	100	0.010	0.161	0.140				
H740613		<10	168	<10	100	0.026	0.456	0.421				
H740614		<10	171	<10	119	0.073	0.994	0.889				
H740615		<10	170	<10	105	0.089	>1.00	>1.00	0.10	1.38	1.21	
H740616		<10	179	<10	139	0.050	0.714	0.664				
H740617		<10	158	<10	748	0.103	>1.00	>1.00	0.11	2.15	2.04	
H740618		<10	100	<10	994	0.068	>1.00	>1.00	0.08	1.53	1.46	
H740619		10	9	<10	154	0.013	0.397	0.385				
H740620		10	9	<10	142	0.012	0.385	0.355				
H740621		<10	9	<10	15	0.002	0.0222	0.021				
H740622		<10	9	<10	18	0.001	0.0014	0.001				
H740623		10	8	<10	12	0.004	0.0282	0.026				
H740624		<10	196	<10	159	0.012	0.0925	0.075				
H740625		<10	209	<10	147	0.101	0.996	0.845				
H740626		<10	196	<10	127	0.004	0.0639	0.071				
H740627		<10	224	<10	126	0.002	0.0081	0.009				
H740628		<10	561	<10	158	0.006	0.0035	0.004				
H740629		<10	351	<10	141	0.001	0.0009	0.001				
H740630		<10	151	<10	107	0.124	0.418	0.382				
H740631		10	10	<10	27	0.001	0.0006	<0.001				
H740632		10	9	<10	19	0.002	0.0007	<0.001				

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

Finalized Date: 30-MAY-2009
Account: MGMAM

Project: SD09-110 BL

CERTIFICATE OF ANALYSIS TB09051520

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

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

Finalized Date: 4-JUN-2009
Account: MGMAM

CERTIFICATE TB09051521

Project: SD09-111 BL

P.O. No.:

This report is for 42 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 26-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - 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

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4-JUN-2009
Account: MGMAM

Project: SD09-111 BL

CERTIFICATE OF ANALYSIS TB09051521

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740633		4.50	<0.5	6.84	7	430	1.7	2	0.91	<0.5	20	116	39	3.75	10	1.68
H740634		4.41	<0.5	7.21	<5	460	2.1	4	0.55	<0.5	20	122	5	3.70	20	2.10
H740635		4.34	<0.5	6.50	5	550	1.8	<2	0.88	<0.5	16	94	92	3.37	10	2.58
H740636		2.79	<0.5	5.82	<5	1150	1.6	<2	5.63	<0.5	42	219	189	8.11	10	0.63
H740637		2.80	<0.5	4.97	6	160	1.2	<2	6.46	<0.5	46	539	189	7.98	10	0.37
H740638		1.43	<0.5	3.00	25	30	0.8	<2	3.95	1.1	97	891	183	8.75	<10	0.25
H740639		2.41	<0.5	3.19	105	70	1.0	<2	4.11	<0.5	96	1215	464	9.00	10	0.32
H740640		0.09	<0.5	6.04	5	870	1.0	<2	1.36	<0.5	2	20	17	1.54	10	2.04
H740641		2.26	<0.5	3.04	173	120	0.8	<2	3.27	<0.5	112	1310	984	9.76	<10	0.29
H740642		2.04	<0.5	2.70	128	170	0.9	<2	3.13	<0.5	112	1555	811	9.66	<10	0.27
H740643		2.38	0.6	2.61	134	100	0.7	<2	2.95	<0.5	132	1640	2060	10.10	10	0.25
H740644		2.33	<0.5	2.81	96	130	0.8	<2	3.10	<0.5	104	1605	372	9.10	<10	0.28
H740645		2.35	0.7	2.65	77	80	0.8	4	2.84	<0.5	132	1675	2140	9.88	10	0.25
H740646		1.98	0.6	2.52	97	70	0.8	<2	2.88	<0.5	134	1620	1935	10.10	10	0.25
H740647		2.27	2.0	2.28	31	70	0.6	<2	2.69	0.5	162	1730	3500	11.15	<10	0.26
H740648		2.36	0.8	2.47	38	70	0.6	<2	3.08	4.0	130	1840	1990	10.15	<10	0.25
H740649		1.04	1.0	2.59	22	70	0.7	<2	3.18	<0.5	129	1750	2140	10.35	<10	0.26
H740650		1.03	0.9	2.61	30	70	0.7	<2	3.28	<0.5	130	1805	1950	10.25	<10	0.26
H740651		2.36	<0.5	2.86	13	70	0.7	<2	3.88	<0.5	111	1675	489	9.51	10	0.24
H740652		2.45	0.7	2.68	18	70	0.6	2	3.34	<0.5	127	1900	1485	9.96	<10	0.23
H740653		2.36	0.5	2.77	10	50	0.6	<2	3.26	<0.5	121	1705	1350	9.95	10	0.20
H740654		2.39	0.8	2.78	11	70	0.7	<2	3.35	<0.5	122	1625	1675	10.10	10	0.25
H740655		2.48	<0.5	3.22	16	80	0.7	<2	3.74	<0.5	109	1560	911	9.53	10	0.22
H740656		2.24	<0.5	3.16	14	100	0.7	2	3.38	<0.5	109	1680	1015	9.60	10	0.27
H740657		2.50	<0.5	3.30	8	110	0.8	<2	3.71	<0.5	94	1615	240	9.00	10	0.29
H740658		2.46	0.8	3.36	6	100	0.8	<2	3.60	<0.5	107	1810	1405	9.46	10	0.30
H740659		2.57	1.7	2.55	8	90	0.6	<2	2.99	<0.5	287	1725	6020	14.35	<10	0.21
H740660		0.10	0.5	8.01	879	260	<0.5	3	5.38	<0.5	32	485	260	5.23	10	0.76
H740661		2.53	2.7	2.54	<5	130	0.7	<2	3.10	<0.5	289	1660	8150	15.00	<10	0.24
H740662		2.44	3.1	3.01	<5	150	0.8	<2	3.32	0.5	195	1610	6670	12.35	10	0.30
H740663		2.44	4.0	2.74	18	70	0.7	4	3.01	0.8	283	1310	>10000	14.90	<10	0.20
H740664		2.45	3.5	3.13	10	90	0.8	<2	3.48	0.7	239	1220	9160	13.75	<10	0.21
H740665		1.74	5.3	3.30	24	150	0.9	5	3.37	<0.5	218	1530	8860	12.65	10	0.38
H740666		2.68	<0.5	6.95	5	490	1.6	<2	0.58	<0.5	18	85	255	3.75	20	2.60
H740667		4.06	<0.5	7.23	11	540	1.9	<2	0.60	<0.5	18	111	17	3.85	20	2.81
H740668		4.10	<0.5	7.20	10	390	1.9	<2	1.37	<0.5	20	81	27	4.61	20	1.81
H740669		4.67	<0.5	7.54	7	170	2.1	<2	2.90	<0.5	39	17	23	8.83	20	0.58
H740670		0.09	<0.5	6.11	<5	860	1.0	<2	1.36	<0.5	3	20	17	1.52	10	2.03
H740671		2.90	<0.5	7.47	9	260	2.0	<2	3.06	<0.5	49	25	46	10.15	20	0.73
H740672		3.03	<0.5	7.45	9	430	2.0	<2	3.22	<0.5	42	10	26	8.38	20	0.73

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 4-JUN-2009
Account: MGMAM

Project: SD09-111 BL

CERTIFICATE OF ANALYSIS TB09051521

Method	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
Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740633	20	1.86	406	1	2.74	64	770	7	0.89	<5	11	202	<20	0.34	<10
H740634	30	1.90	327	3	2.70	70	750	9	0.78	<5	14	146	<20	0.37	<10
H740635	20	1.53	288	16	2.39	64	780	8	1.13	<5	10	99	<20	0.31	<10
H740636	30	4.12	1800	1	2.17	97	1240	22	0.48	<5	24	557	<20	1.31	<10
H740637	30	6.35	2240	1	1.83	171	970	6	0.14	<5	29	377	<20	1.21	10
H740638	20	11.90	1425	<1	0.29	629	690	46	0.22	<5	17	100	<20	0.71	<10
H740639	20	11.95	1355	<1	0.26	763	750	18	2.27	<5	16	142	<20	0.70	<10
H740640	10	0.20	564	1	2.51	2	180	10	<0.01	<5	4	169	<20	0.11	<10
H740641	20	12.75	1485	<1	0.24	1010	710	3	4.19	5	15	176	<20	0.56	10
H740642	10	13.20	1445	<1	0.24	960	610	3	2.80	<5	16	188	<20	0.58	<10
H740643	10	13.05	1440	<1	0.16	1535	580	<2	3.32	5	15	107	<20	0.56	10
H740644	10	13.25	1520	<1	0.14	841	600	<2	2.29	<5	16	110	<20	0.57	<10
H740645	20	13.15	1365	<1	0.11	1520	640	2	3.41	<5	15	84	<20	0.52	<10
H740646	20	13.20	1380	1	0.11	1405	620	3	3.87	<5	15	83	<20	0.47	<10
H740647	10	13.60	1375	<1	0.21	1965	520	<2	3.30	<5	13	158	<20	0.50	10
H740648	10	13.25	1250	1	0.16	1535	530	8	1.81	<5	15	130	<20	0.60	<10
H740649	20	13.00	1400	<1	0.11	1525	590	6	1.29	<5	16	100	<20	0.66	10
H740650	20	12.95	1380	<1	0.11	1505	600	5	1.39	<5	16	97	<20	0.69	10
H740651	20	13.00	1350	<1	0.11	920	630	2	0.49	6	17	115	<20	0.72	<10
H740652	10	13.00	1340	<1	0.15	1295	590	3	0.82	<5	16	120	<20	0.70	10
H740653	20	13.30	1335	<1	0.12	1245	630	4	0.69	<5	17	86	<20	0.74	10
H740654	20	12.95	1350	<1	0.21	1315	650	4	0.80	<5	17	159	<20	0.73	10
H740655	20	12.40	1335	<1	0.24	996	730	<2	0.61	<5	18	203	<20	0.88	<10
H740656	10	12.55	1345	<1	0.29	1030	690	<2	0.55	<5	17	210	<20	0.77	<10
H740657	20	12.05	1345	<1	0.32	760	930	<2	0.20	<5	17	317	<20	0.85	<10
H740658	20	12.05	1330	<1	0.48	1065	700	3	0.53	<5	16	320	<20	0.84	<10
H740659	10	11.35	1330	<1	0.45	4290	710	9	4.33	7	14	253	<20	0.65	10
H740660	<10	2.86	553	7	1.09	750	290	14	0.62	16	9	168	<20	0.15	<10
H740661	10	10.65	1335	1	0.59	4700	640	9	4.77	<5	15	265	<20	0.66	10
H740662	20	11.15	1265	<1	0.75	3260	640	7	2.93	<5	16	310	<20	0.73	10
H740663	20	9.78	1155	1	0.47	5290	620	5	6.37	7	16	221	<20	0.68	10
H740664	20	9.36	1205	1	0.56	4580	650	5	4.62	6	18	230	<20	0.79	10
H740665	20	9.20	983	1	0.60	4050	620	26	4.01	<5	17	250	<20	0.73	10
H740666	20	1.67	316	1	2.48	111	680	6	0.37	<5	9	274	<20	0.28	<10
H740667	20	1.61	314	2	2.29	73	730	7	0.37	<5	13	280	<20	0.34	<10
H740668	20	1.78	388	1	3.28	49	1090	8	0.86	<5	11	432	<20	0.61	<10
H740669	50	2.86	1090	1	3.68	23	2110	9	1.03	<5	15	563	<20	1.66	<10
H740670	10	0.20	550	<1	2.48	2	190	10	<0.01	<5	4	169	<20	0.11	<10
H740671	50	3.23	1500	1	3.33	35	1860	13	0.97	<5	15	706	<20	1.85	<10
H740672	50	2.83	1275	1	3.29	18	1850	25	1.22	<5	14	582	<20	1.62	<10

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 4-JUN-2009
Account: MGMAM

Project: SD09-111 BL

CERTIFICATE OF ANALYSIS TB09051521

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
H740633		<10	101	<10	65		0.001	0.0014	0.001			
H740634		<10	126	<10	54		0.001	0.0018	0.001			
H740635		10	88	<10	36		0.002	0.0241	0.021			
H740636		<10	260	<10	85		0.003	0.0143	0.008			
H740637		<10	262	<10	87		0.004	0.0261	0.023			
H740638		<10	155	<10	330		0.007	0.0719	0.071			
H740639		<10	157	<10	110		0.009	0.121	0.119			
H740640		<10	15	<10	31		0.001	0.0008	0.001			
H740641		<10	148	<10	109		0.020	0.313	0.300			
H740642		<10	143	<10	103		0.019	0.278	0.258			
H740643		<10	139	<10	92		0.039	0.658	0.637			
H740644		<10	142	<10	97		0.008	0.101	0.094			
H740645		<10	139	<10	96		0.041	0.684	0.675			
H740646		<10	135	10	107		0.031	0.567	0.573			
H740647		<10	127	<10	109		0.079	>1.00	>1.00	0.08	1.31	1.26
H740648		<10	140	<10	196		0.048	0.763	0.774			
H740649		<10	153	<10	99		0.049	0.785	0.804			
H740650		<10	156	<10	95		0.050	0.741	0.747			
H740651		<10	162	<10	103		0.009	0.180	0.175			
H740652		<10	156	<10	100		0.036	0.613	0.576			
H740653		<10	161	<10	110		0.039	0.557	0.520			
H740654		<10	158	<10	104		0.049	0.697	0.673			
H740655		<10	173	<10	104		0.011	0.343	0.347			
H740656		<10	166	<10	100		0.028	0.418	0.413			
H740657		<10	175	<10	100		0.007	0.0726	0.064			
H740658		<10	165	<10	100		0.037	0.473	0.483			
H740659		<10	150	<10	105		0.085	>1.00	>1.00	0.08	2.19	2.25
H740660		<10	62	<10	44		0.896	>1.00	>1.00	NSS	NSS	NSS
H740661		<10	143	<10	123		0.086	>1.00	>1.00	0.11	2.83	2.91
H740662		<10	153	<10	98		0.137	>1.00	>1.00	0.14	2.80	2.80
H740663		<10	157	<10	115	1.040	0.138	>1.00	>1.00	0.14	4.00	4.14
H740664		<10	171	<10	109		0.129	>1.00	>1.00	0.13	3.36	3.70
H740665		<10	160	<10	118		0.151	>1.00	>1.00	0.17	4.11	4.04
H740666		<10	80	<10	51		0.017	0.120	0.115			
H740667		<10	101	<10	53		0.002	0.0122	0.007			
H740668		<10	120	<10	68		0.001	0.0044	0.002			
H740669		<10	236	<10	155		0.001	0.0030	0.001			
H740670		<10	15	<10	28		<0.001	0.0012	0.001			
H740671		<10	287	<10	200		<0.001	0.0015	0.001			
H740672		<10	221	<10	175		0.005	0.0064	0.004			

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

Finalized Date: 4-JUN-2009
Account: MGMAM

Project: SD09-111 BL

CERTIFICATE OF ANALYSIS TB09051521

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740673		4.15	<0.5	6.78	<5	460	1.9	<2	0.74	<0.5	9	36	22	1.93	20	1.96
H740674		3.97	<0.5	7.43	7	500	1.2	<2	1.71	<0.5	21	115	71	4.10	20	1.74

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CERTIFICATE OF ANALYSIS TB09051521

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740673		10	0.71	208	4	2.43	19	420	25	0.41	<5	5	290	<20	0.13	<10
H740674		20	1.59	584	<1	2.33	65	790	9	0.56	<5	12	406	<20	0.33	<10

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CERTIFICATE OF ANALYSIS TB09051521

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	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
H740673		10	29	<10	29		0.004	0.0027	0.001			
H740674		<10	101	<10	64		0.003	0.0027	0.002			

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Finalized Date: 4-JUN-2009
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Project: SD09-111 BL

CERTIFICATE OF ANALYSIS TB09051521

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

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Finalized Date: 10-JUN-2009
Account: MGMAM

CERTIFICATE SD09054609

Project: SD09-112 BL

P.O. No.:

This report is for 62 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 28-MAY-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10-JUN-2009
Account: MGMAM

Project: SD09-112 BL

CERTIFICATE OF ANALYSIS SD09054609

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H740675		3.98	<0.5	6.49	<5	640	1.4	<2	0.41	<0.5	2	14	2	0.87	20	3.96
H740676		4.24	<0.5	6.69	<5	890	1.7	<2	0.17	<0.5	2	12	1	0.84	20	4.86
H740677		3.38	<0.5	6.60	<5	1020	1.9	<2	0.68	<0.5	4	27	5	1.44	20	5.28
H740678		4.18	<0.5	6.72	<5	150	1.5	<2	5.98	<0.5	27	4	108	5.61	20	0.79
H740679		2.36	<0.5	7.11	6	280	1.9	<2	5.28	<0.5	28	6	25	6.01	20	1.34
H740680		1.82	<0.5	7.27	7	290	1.9	<2	4.86	<0.5	29	2	49	5.69	20	1.33
H740681		4.50	<0.5	7.08	<5	950	1.6	<2	4.60	<0.5	28	10	16	6.29	20	1.36
H740682		4.30	<0.5	7.08	<5	1340	1.7	<2	4.78	<0.5	21	4	12	5.91	20	1.12
H740683		2.84	<0.5	7.15	<5	400	1.8	2	4.41	<0.5	28	6	10	7.23	20	0.92
H740684		2.78	<0.5	7.04	<5	320	1.5	<2	4.18	<0.5	40	4	9	8.47	20	0.63
H740685		3.90	<0.5	4.72	15	50	1.0	<2	5.88	<0.5	82	36	299	12.75	20	0.17
H740686		4.48	<0.5	4.25	5	40	1.1	<2	7.63	<0.5	47	206	428	7.24	10	0.16
H740687		3.08	<0.5	3.77	6	20	0.9	<2	8.08	<0.5	48	349	427	6.91	10	0.06
H740688		3.08	<0.5	3.38	13	10	0.8	<2	7.59	<0.5	48	1110	193	6.65	10	0.03
H740689		3.00	<0.5	2.97	22	20	0.7	<2	4.27	<0.5	117	1420	498	9.47	10	0.10
H740690		0.04	0.8	3.13	<5	150	0.7	<2	3.33	<0.5	112	2470	805	9.31	10	0.33
H740691		2.32	1.1	3.07	19	20	0.7	<2	4.07	1.9	107	1760	379	9.33	10	0.12
H740692		1.96	1.3	2.88	11	60	0.6	<2	3.56	0.8	107	1830	254	9.30	10	0.25
H740693		2.40	<0.5	2.82	194	240	0.6	<2	3.24	<0.5	112	2030	304	9.53	10	0.29
H740694		2.24	<0.5	2.66	32	230	0.7	<2	3.12	<0.5	115	2190	170	9.72	10	0.32
H740695		2.32	<0.5	2.56	6	110	0.6	<2	3.09	<0.5	108	2110	225	9.18	10	0.30
H740696		2.28	<0.5	2.52	<5	150	0.6	<2	3.11	<0.5	112	2170	276	9.50	10	0.35
H740697		2.22	<0.5	2.50	<5	150	0.6	<2	3.07	<0.5	111	2150	252	9.30	10	0.36
H740698		1.96	<0.5	2.55	52	190	0.6	2	2.87	<0.5	111	2330	200	9.31	10	0.33
H740699		2.34	<0.5	2.44	<5	130	0.5	<2	2.98	<0.5	107	2120	134	9.20	10	0.36
H740700		0.04	<0.5	6.03	<5	860	0.9	<2	1.26	<0.5	3	27	14	1.53	10	1.97
H740701		2.20	<0.5	2.63	<5	150	0.6	<2	3.09	<0.5	112	2220	162	9.45	10	0.36
H740702		2.34	<0.5	2.81	<5	160	0.6	<2	3.05	<0.5	108	2030	149	9.20	10	0.32
H740703		2.30	<0.5	3.02	<5	190	0.7	<2	3.35	<0.5	115	1960	430	10.00	10	0.32
H740704		2.28	<0.5	3.12	<5	150	0.7	<2	3.37	<0.5	105	1950	113	9.49	10	0.32
H740705		2.34	<0.5	3.27	41	100	0.9	<2	3.28	<0.5	101	1700	281	9.45	10	0.31
H740706		2.66	<0.5	3.46	66	110	0.9	<2	3.31	<0.5	96	1590	260	9.46	10	0.36
H740707		2.36	1.5	3.32	20	80	0.8	2	3.70	0.6	142	1530	2580	10.70	10	0.30
H740708		2.16	2.0	3.48	34	90	1.0	2	3.54	<0.5	114	1490	1960	10.05	10	0.29
H740709		1.22	2.0	3.87	6	160	0.9	5	3.90	0.5	178	1630	3950	11.55	10	0.30
H740710		1.08	1.6	3.80	<5	160	0.9	3	3.79	<0.5	169	1580	3830	11.15	10	0.30
H740711		1.08	1.7	3.97	6	110	0.8	3	3.68	0.5	120	1960	2510	10.20	10	0.32
H740712		2.56	2.6	3.90	27	120	0.9	6	3.16	0.7	111	2170	3570	9.97	10	0.34
H740713		2.70	4.8	3.08	24	90	0.7	8	2.77	1.1	144	2850	6090	10.90	10	0.27
H740714		2.50	4.9	2.88	5	90	0.6	5	2.71	1.2	141	2700	5560	10.75	10	0.29

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Finalized Date: 10-JUN-2009
Account: MGMAM

Project: SD09-112 BL

CERTIFICATE OF ANALYSIS SD09054609

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740675		40	0.34	106	<1	2.18	14	280	10	0.33	<5	2	95	20	0.08	<10
H740676		30	0.40	102	<1	1.64	8	240	2	0.19	<5	2	161	20	0.06	<10
H740677		30	0.59	190	<1	0.97	13	380	2	0.34	<5	3	138	20	0.15	<10
H740678		40	2.02	1060	2	2.80	19	1380	<2	0.95	<5	14	145	<20	1.29	<10
H740679		40	1.79	860	1	2.85	11	1560	2	2.46	<5	13	198	<20	1.28	<10
H740680		40	1.86	838	1	2.95	9	1560	2	2.22	<5	14	194	<20	1.31	<10
H740681		40	1.55	758	1	3.02	12	1610	<2	2.30	<5	13	274	<20	1.28	<10
H740682		40	1.45	659	1	3.33	4	1770	3	1.41	<5	12	216	<20	1.26	<10
H740683		30	2.03	739	1	3.17	9	1410	3	0.75	<5	15	219	<20	1.48	<10
H740684		30	3.03	709	<1	2.93	15	1250	2	0.56	<5	20	224	<20	1.45	<10
H740685		20	4.65	1870	1	1.74	119	720	2	1.04	<5	34	162	<20	1.86	10
H740686		20	5.12	1410	<1	1.68	151	790	<2	0.59	<5	35	174	<20	0.99	<10
H740687		20	6.26	1415	1	1.50	180	710	<2	0.99	<5	41	147	<20	0.89	<10
H740688		20	7.61	1275	1	1.08	183	630	<2	1.55	<5	39	147	<20	0.74	<10
H740689		20	12.05	1685	<1	0.10	790	630	15	0.54	<5	17	60	<20	0.69	<10
H740690		20	13.05	1325	1	0.78	1180	660	4	0.27	<5	15	347	<20	0.75	<10
H740691		20	12.90	1410	<1	0.09	853	600	319	0.50	<5	16	53	<20	0.67	<10
H740692		10	13.00	1570	<1	0.16	815	540	144	0.81	<5	15	129	<20	0.55	<10
H740693		10	13.35	1420	1	0.28	896	550	4	3.11	<5	14	242	<20	0.50	<10
H740694		20	14.00	1430	<1	0.21	866	620	2	0.87	<5	14	214	<20	0.60	<10
H740695		10	13.35	1345	<1	0.23	856	520	2	0.22	<5	14	300	<20	0.56	<10
H740696		20	13.90	1380	<1	0.22	901	600	3	0.24	<5	14	356	<20	0.59	<10
H740697		10	13.65	1350	<1	0.22	888	560	2	0.42	<5	14	358	<20	0.57	<10
H740698		10	13.65	1415	<1	0.23	885	540	4	1.57	<5	14	327	<20	0.50	10
H740699		10	13.55	1340	<1	0.24	846	500	<2	0.23	<5	14	289	<20	0.57	<10
H740700		10	0.22	557	<1	2.54	6	170	3	<0.01	<5	4	167	<20	0.11	<10
H740701		10	13.80	1380	1	0.28	857	600	<2	0.18	<5	14	328	<20	0.59	<10
H740702		10	13.35	1345	<1	0.33	834	560	<2	0.16	<5	14	343	<20	0.59	<10
H740703		20	13.95	1425	<1	0.39	938	630	2	0.30	<5	16	316	<20	0.67	<10
H740704		20	13.15	1425	<1	0.29	776	640	2	0.28	<5	16	211	<20	0.72	<10
H740705		20	12.80	1430	<1	0.22	752	720	4	2.16	<5	17	207	<20	0.63	<10
H740706		20	12.30	1460	<1	0.30	724	800	6	2.40	<5	17	205	<20	0.60	<10
H740707		20	11.30	1430	1	0.41	1470	750	7	3.20	<5	18	208	<20	0.65	<10
H740708		20	10.90	1265	1	0.49	1110	720	8	3.03	<5	19	221	<20	0.74	<10
H740709		20	10.40	1325	1	0.84	3040	760	6	2.40	<5	17	379	<20	0.82	<10
H740710		20	10.10	1265	1	0.84	2950	780	7	2.03	<5	16	390	<20	0.81	<10
H740711		20	11.30	1365	1	0.79	1480	840	5	1.07	<5	17	377	<20	0.91	<10
H740712		20	11.65	1440	1	0.72	1280	810	6	1.31	<5	16	319	<20	0.85	<10
H740713		20	13.15	1360	2	0.49	2040	650	12	1.61	<5	14	256	<20	0.74	<10
H740714		10	13.70	1365	1	0.51	1840	640	13	1.66	<5	13	298	<20	0.71	<10

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

Finalized Date: 10-JUN-2009
Account: MGMAM

Project: SD09-112 BL

CERTIFICATE OF ANALYSIS SD09054609

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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	Au-AA25 Au ppm 0.01
H740675		10	9	<10	<2	0.002	0.0005	<0.001				
H740676		10	7	<10	<2	0.002	<0.0005	<0.001				
H740677		10	22	<10	5	0.002	0.0021	0.002				
H740678		<10	228	<10	36	0.005	<0.0005	<0.001				
H740679		<10	209	<10	31	0.002	0.0008	0.001				
H740680		<10	210	<10	29	0.002	0.0006	<0.001				
H740681		<10	195	<10	38	0.003	<0.0005	<0.001				
H740682		<10	179	<10	36	0.002	<0.0005	<0.001				
H740683		<10	233	<10	44	0.002	<0.0005	<0.001				
H740684		<10	303	<10	56	0.002	<0.0005	<0.001				
H740685		<10	579	<10	90	0.002	0.0012	0.001				
H740686		<10	232	<10	58	0.004	0.0545	0.045				
H740687		<10	217	<10	56	0.013	0.0563	0.018				
H740688		<10	182	<10	49	0.012	0.0558	0.025				
H740689		<10	159	<10	71	0.011	0.126	0.121				
H740690		<10	156	<10	104	0.126	0.402	0.354				
H740691		<10	149	<10	438	0.009	0.110	0.099				
H740692		<10	138	<10	202	0.009	0.0881	0.076				
H740693		<10	137	<10	101	0.009	0.0926	0.081				
H740694		<10	141	<10	104	0.005	0.0560	0.048				
H740695		<10	131	<10	99	0.006	0.0695	0.057				
H740696		<10	135	<10	101	0.007	0.0817	0.072				
H740697		<10	132	<10	98	0.006	0.0648	0.053				
H740698		<10	130	<10	102	0.005	0.0616	0.051				
H740699		<10	129	<10	96	0.005	0.0474	0.036				
H740700		10	15	<10	25	0.002	0.0007	<0.001				
H740701		<10	137	<10	98	0.005	0.0336	0.026				
H740702		<10	132	<10	96	0.005	0.0400	0.028				
H740703		<10	146	<10	106	0.012	0.135	0.120				
H740704		<10	151	<10	100	0.005	0.0276	0.018				
H740705		<10	154	<10	111	0.008	0.107	0.094				
H740706		<10	158	<10	107	0.007	0.0615	0.050				
H740707		<10	161	<10	122	0.054	0.827	0.788				
H740708		<10	184	<10	110	0.047	0.785	0.702				
H740709		<10	179	<10	109	0.079	>1.00	>1.00	0.08	1.69	1.65	
H740710		<10	174	<10	105	0.082	>1.00	>1.00	0.08	1.68	1.62	
H740711		<10	191	<10	112	0.071	>1.00	0.904	0.07	1.09	0.96	
H740712		<10	183	<10	110	0.120	>1.00	>1.00	0.12	1.73	1.45	
H740713		<10	159	<10	101	0.214	>1.00	>1.00	0.22	3.08	2.61	
H740714		<10	146	<10	102	0.211	>1.00	>1.00	0.22	2.77	2.37	

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

Finalized Date: 10-JUN-2009
Account: MGMAM

Project: SD09-112 BL

CERTIFICATE OF ANALYSIS SD09054609

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H740715		2.42	5.8	3.19	<5	120	0.8	7	2.88	1.2	138	2670	6280	10.80	10	0.40
H740715 CRD		<0.02	5.5	3.13	<5	120	0.8	8	2.86	1.3	137	2720	6200	10.75	10	0.39
H740716		2.30	1.9	3.19	8	100	0.7	4	2.93	<0.5	120	2720	1835	10.15	10	0.36
H740717		2.34	<0.5	2.86	<5	110	0.6	3	3.03	<0.5	127	2390	904	10.15	10	0.31
H740718		2.32	<0.5	3.00	<5	100	0.6	2	3.14	<0.5	122	2500	780	10.00	10	0.33
H740719		2.40	<0.5	2.68	<5	110	0.5	2	2.96	<0.5	127	2590	774	10.05	10	0.29
H740720		0.06	0.5	8.89	611	260	<0.5	3	5.41	<0.5	31	508	257	5.25	10	0.82
H740721		2.28	1.5	2.70	<5	100	0.7	5	2.70	<0.5	164	2590	2790	10.90	10	0.32
H740722		2.32	1.9	2.65	<5	90	0.5	3	2.87	0.5	150	2710	3200	10.75	10	0.25
H740723		2.26	0.9	3.00	<5	120	0.5	<2	3.01	<0.5	131	2650	1245	10.30	10	0.27
H740724		2.34	1.2	3.09	<5	110	0.5	4	3.00	0.5	142	2560	2180	10.60	10	0.25
H740725		2.26	1.4	2.62	6	80	0.5	4	2.41	<0.5	146	2540	2100	10.80	10	0.22
H740726		2.16	1.5	2.76	15	90	0.5	<2	2.26	0.5	149	2380	2390	10.80	10	0.22
H740727		2.26	0.6	3.07	<5	110	0.5	2	2.78	<0.5	128	2910	921	10.35	10	0.26
H740728		2.16	0.5	3.57	<5	150	0.7	<2	3.28	<0.5	117	2370	727	10.05	10	0.30
H740729		2.32	0.7	3.40	<5	150	0.7	3	3.03	<0.5	136	2270	1570	10.60	10	0.34
H740730		0.06	<0.5	6.80	<5	970	1.0	<2	1.43	<0.5	2	19	16	1.62	10	2.10
H740731		6.54	2.1	5.51	<5	750	1.2	<2	3.30	<0.5	102	894	2250	11.05	20	0.65
H740732		2.12	<0.5	7.93	15	350	1.9	<2	2.83	<0.5	47	24	48	9.03	20	0.66
H740733		0.78	<0.5	7.91	12	250	2.4	<2	2.93	0.7	42	9	42	8.36	20	0.42
H740734		4.10	<0.5	7.02	<5	1280	1.7	<2	0.39	<0.5	3	13	4	1.33	20	4.42
H740735		4.10	<0.5	6.86	<5	920	2.0	<2	0.33	<0.5	2	10	2	1.00	20	3.90

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

Finalized Date: 10-JUN-2009
Account: MGMAM

Project: SD09-112 BL

CERTIFICATE OF ANALYSIS SD09054609

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740715		20	13.30	1410	1	0.68	1740	590	18	1.51	<5	14	329	<20	0.77	<10
H740715 CRD		20	13.25	1400	1	0.68	1760	600	17	1.53	<5	14	325	<20	0.76	<10
H740716		20	13.30	1385	1	0.64	1260	630	6	0.91	<5	15	292	<20	0.75	<10
H740717		10	13.90	1355	1	0.49	1280	650	4	0.45	<5	14	284	<20	0.72	<10
H740718		20	14.00	1355	1	0.47	1250	710	3	0.28	<5	13	311	<20	0.76	<10
H740719		10	14.25	1340	1	0.44	1280	640	2	0.25	<5	13	292	<20	0.70	<10
H740720		<10	2.91	557	7	1.10	712	280	14	0.62	10	10	172	<20	0.16	<10
H740721		10	13.55	1325	2	0.45	2290	550	8	1.65	<5	13	261	<20	0.66	<10
H740722		10	13.90	1320	1	0.38	2120	590	4	0.85	<5	13	255	<20	0.68	<10
H740723		10	14.00	1335	<1	0.37	1490	620	2	0.52	<5	15	264	<20	0.76	<10
H740724		10	13.30	1355	1	0.49	1880	610	3	1.38	<5	15	278	<20	0.77	<10
H740725		10	13.95	1360	1	0.42	1840	600	10	1.68	<5	13	223	<20	0.67	<10
H740726		10	13.75	1345	1	0.40	1960	510	3	1.67	<5	13	220	<20	0.68	<10
H740727		20	13.50	1355	2	0.55	1260	740	5	1.01	<5	13	330	<20	0.77	<10
H740728		20	12.80	1320	1	0.77	1180	720	<2	0.48	<5	14	389	<20	0.86	<10
H740729		20	12.90	1325	1	0.77	1600	720	6	1.43	<5	14	369	<20	0.81	<10
H740730		10	0.21	604	1	2.68	1	190	7	<0.01	<5	5	181	<20	0.12	<10
H740731		30	7.57	1490	1	1.68	832	1310	13	1.58	6	13	661	<20	1.55	<10
H740732		40	3.72	1565	<1	3.46	32	1840	4	1.25	11	15	385	<20	1.88	<10
H740733		40	3.49	933	1	3.73	20	1920	11	3.45	<5	15	193	<20	1.67	<10
H740734		50	0.28	108	<1	2.30	5	610	17	0.82	<5	3	187	20	0.10	<10
H740735		50	0.33	66	<1	2.47	<1	310	16	0.47	<5	3	158	30	0.12	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 10-JUN-2009
Account: MGMAM

Project: SD09-112 BL

CERTIFICATE OF ANALYSIS SD09054609

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	Au-AA25
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03	0.01
H740715		<10	161	<10	113	0.246	>1.00	>1.00	0.24	2.95	2.49	
H740715 CRD		<10	159	<10	113	0.226	>1.00	>1.00	0.24	3.01	2.52	
H740716		<10	167	<10	116	0.071	0.748	0.644				
H740717		<10	155	<10	110	0.022	0.310	0.264				
H740718		<10	156	<10	102	0.018	0.276	0.241				
H740719		<10	148	<10	101	0.018	0.267	0.227				
H740720		<10	63	<10	41	>1.00	>1.00	>1.00	1.36	1.22	4.73	1.08
H740721		<10	145	<10	145	0.056	>1.00	0.967	0.05	1.17	1.10	
H740722		<10	147	<10	117	0.082	>1.00	>1.00	0.09	1.39	1.24	
H740723		<10	162	<10	105	0.027	0.376	0.326				
H740724		<10	167	<10	109	0.056	0.797	0.714				
H740725		<10	146	<10	113	0.048	0.672	0.595				
H740726		<10	142	<10	108	0.057	0.761	0.681				
H740727		<10	159	<10	117	0.020	0.245	0.223				
H740728		<10	168	<10	103	0.019	0.211	0.190				
H740729		<10	163	<10	105	0.029	0.369	0.331				
H740730		<10	16	<10	27	0.003	0.0013	0.001				
H740731		<10	267	<10	149	0.072	0.762	0.547				
H740732		<10	271	<10	148	0.003	0.0047	0.003				
H740733		<10	222	<10	162	0.002	0.0034	0.007				
H740734		<10	11	<10	33	0.002	0.0019	0.002				
H740735		<10	12	<10	7	0.002	0.0017	0.001				

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

Finalized Date: 25-JUN-2009
Account: MGMAM

CERTIFICATE SD09058178

Project: SD09-113 BL

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 8-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: SD09-113 BL

CERTIFICATE OF ANALYSIS SD09058178

Method	WEI-21	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
Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
Sample Description LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H740736	4.12	<0.5	6.60	<5	810	1.3	<2	0.31	<0.5	1	8	4	0.95	20	4.69
H740737	4.18	<0.5	6.51	5	940	1.2	<2	0.28	<0.5	2	8	4	1.24	20	4.76
H740738	3.50	<0.5	5.29	13	360	1.7	3	6.52	<0.5	41	60	291	8.42	20	0.44
H740739	1.98	<0.5	5.22	9	100	1.3	<2	5.10	<0.5	50	37	229	10.45	20	0.26
H740740	1.84	<0.5	5.32	14	110	1.3	<2	5.03	<0.5	49	36	233	10.30	20	0.27
H740741	4.52	<0.5	4.19	5	40	1.1	<2	6.98	<0.5	51	142	293	8.80	10	0.14
H740742	4.80	<0.5	4.07	12	20	1.0	<2	7.27	<0.5	46	288	497	7.61	10	0.06
H740743	4.60	<0.5	3.59	11	20	1.0	2	7.75	<0.5	56	686	218	7.48	10	0.04
H740744	2.44	<0.5	3.50	11	10	0.9	<2	7.76	<0.5	46	995	387	6.65	10	0.02
H740745	2.18	<0.5	2.71	51	50	0.8	<2	4.69	2.5	105	1175	256	8.89	10	0.22
H740746	2.22	<0.5	2.88	<5	170	0.8	<2	3.45	<0.5	111	1595	667	9.52	10	0.34
H740747	2.42	<0.5	2.69	37	110	0.8	<2	2.78	<0.5	107	1695	464	9.45	10	0.28
H740748	2.26	<0.5	2.45	37	130	0.7	<2	3.07	<0.5	119	1985	536	9.95	10	0.31
H740749	2.32	<0.5	2.45	28	160	0.7	2	3.31	<0.5	112	1965	447	9.72	10	0.40
H740750	0.08	0.7	3.14	<5	160	0.7	<2	3.50	<0.5	111	2340	848	9.76	10	0.35
H740751	2.12	<0.5	2.78	54	170	0.7	<2	3.27	<0.5	106	1840	296	9.47	10	0.47
H740752	2.26	<0.5	2.44	12	130	0.7	<2	3.16	<0.5	110	2000	193	9.62	10	0.46
H740753	2.32	<0.5	2.45	17	90	0.6	<2	3.12	<0.5	112	1990	282	9.74	10	0.40
H740754	2.50	<0.5	2.47	68	110	0.8	<2	3.10	0.6	110	1900	170	9.65	10	0.39
H740755	2.26	<0.5	2.92	13	150	0.7	<2	2.48	<0.5	108	2020	95	9.14	10	0.55
H740756	2.34	<0.5	2.85	5	170	0.8	<2	2.62	<0.5	108	1990	235	9.34	10	0.68
H740757	2.28	0.8	2.74	17	210	0.7	<2	2.74	<0.5	131	1985	1550	10.10	10	0.50
H740758	2.24	<0.5	2.60	50	300	0.9	<2	3.03	<0.5	107	1990	141	9.45	10	0.36
H740759	2.38	<0.5	2.83	8	120	0.8	<2	3.03	<0.5	107	1900	109	9.48	10	0.40
H740760	0.06	<0.5	6.21	<5	920	1.0	<2	1.34	<0.5	2	27	16	1.60	10	2.06
H740761	2.18	<0.5	2.86	<5	100	0.7	<2	3.41	<0.5	108	1825	121	9.87	10	0.33
H740762	2.36	<0.5	2.87	18	70	0.8	<2	3.29	<0.5	112	1725	540	9.97	10	0.32
H740763	2.30	0.6	3.01	11	60	0.7	<2	3.26	<0.5	119	1660	1730	10.30	10	0.28
H740764	2.42	0.5	3.14	27	90	0.9	<2	3.37	<0.5	114	1630	814	10.20	10	0.31
H740765	2.44	2.3	2.93	11	50	0.7	<2	3.39	<0.5	159	1640	3750	11.65	10	0.24
H740766	2.32	0.5	3.19	9	30	0.8	<2	3.85	<0.5	110	1490	1630	10.20	10	0.14
H740767	2.22	1.0	3.17	9	50	0.8	<2	3.23	<0.5	122	1685	1810	10.40	10	0.23
H740768	2.38	3.0	2.78	<5	130	0.7	<2	3.05	0.7	190	1870	4900	12.60	10	0.28
H740769	1.32	2.9	2.59	17	80	1.1	2	3.08	0.7	238	1655	7120	13.70	10	0.24
H740770	1.40	2.4	2.67	11	80	0.9	<2	2.93	0.6	229	1670	6910	13.50	10	0.26
H740771	1.42	<0.5	6.17	131	280	1.1	<2	0.22	<0.5	15	25	529	3.18	20	2.69
H740772	3.94	<0.5	6.33	<5	540	1.0	<2	0.14	<0.5	2	11	40	1.29	20	4.16
H740773	4.06	<0.5	6.78	<5	800	1.1	<2	0.17	<0.5	2	11	19	1.40	20	4.81
H740774	4.02	<0.5	6.43	<5	790	1.0	<2	0.16	<0.5	1	9	4	1.24	20	4.65
H740775	3.32	<0.5	6.27	<5	830	0.7	<2	0.16	<0.5	2	11	3	1.38	20	4.78

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

Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-113 BL

CERTIFICATE OF ANALYSIS SD09058178

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740736		40	0.35	116	1	2.02	7	230	2	0.09	<5	2	172	20	0.09	<10
H740737		30	0.41	129	<1	1.99	6	320	2	0.30	<5	3	181	20	0.12	<10
H740738		20	3.99	1205	<1	1.87	79	910	5	0.55	<5	31	188	<20	1.35	<10
H740739		20	5.26	1245	<1	2.02	78	890	8	0.42	<5	31	147	<20	1.56	<10
H740740		20	5.24	1240	<1	2.08	79	920	8	0.43	<5	31	150	<20	1.53	<10
H740741		20	5.82	1240	1	1.68	119	800	6	1.12	<5	40	136	<20	1.18	<10
H740742		30	7.02	1510	<1	1.60	176	760	5	0.39	<5	40	128	<20	0.90	<10
H740743		20	7.36	1370	<1	1.33	184	640	4	1.35	<5	41	144	<20	0.79	<10
H740744		20	9.03	2050	1	1.22	216	690	4	0.42	<5	40	110	<20	0.82	<10
H740745		20	12.95	1600	<1	0.24	683	650	74	0.32	<5	20	131	<20	0.59	<10
H740746		20	13.70	1395	1	0.21	959	650	5	0.49	<5	14	189	<20	0.63	<10
H740747		20	14.20	1480	<1	0.15	926	600	3	1.32	<5	14	131	<20	0.54	<10
H740748		20	14.25	1435	1	0.21	1020	580	4	1.81	<5	14	189	<20	0.49	<10
H740749		20	14.05	1415	<1	0.22	964	610	5	1.73	<5	14	233	<20	0.52	<10
H740750		20	13.75	1365	1	0.81	1230	680	2	0.28	<5	16	356	<20	0.78	<10
H740751		20	14.00	1460	<1	0.30	889	620	439	1.54	<5	14	297	<20	0.57	<10
H740752		20	14.30	1385	<1	0.24	875	590	8	0.73	<5	14	294	<20	0.58	<10
H740753		20	14.35	1395	1	0.21	931	560	4	1.19	<5	14	203	<20	0.56	<10
H740754		20	14.60	1475	<1	0.19	899	560	7	2.11	<5	13	326	<20	0.48	<10
H740755		20	14.65	1315	1	0.25	912	630	6	0.63	<5	10	360	<20	0.67	<10
H740756		20	14.10	1335	2	0.39	919	680	3	0.57	<5	11	349	<20	0.68	<10
H740757		20	14.20	1345	1	0.34	1380	600	4	1.70	<5	12	413	<20	0.58	<10
H740758		20	14.35	1540	1	0.28	862	580	7	1.49	<5	14	315	<20	0.51	<10
H740759		20	14.05	1385	1	0.35	856	620	<2	0.25	<5	15	263	<20	0.59	<10
H740760		10	0.21	580	<1	2.65	5	190	7	<0.01	<5	5	177	<20	0.12	<10
H740761		20	14.10	1420	<1	0.39	854	590	5	0.14	<5	15	263	<20	0.70	<10
H740762		20	13.65	1420	<1	0.42	947	700	<2	0.47	<5	16	240	<20	0.71	<10
H740763		20	13.15	1435	2	0.26	1230	660	7	1.21	<5	16	171	<20	0.70	<10
H740764		20	13.15	1435	1	0.38	999	630	5	1.74	<5	17	229	<20	0.66	<10
H740765		20	12.45	1330	1	0.31	1880	680	15	2.79	<5	16	189	<20	0.65	<10
H740766		20	12.45	1490	1	0.26	1160	900	6	1.19	<5	17	156	<20	0.78	<10
H740767		20	12.60	1445	2	0.41	1320	710	8	1.43	<5	16	217	<20	0.74	<10
H740768		20	12.35	1360	2	0.59	2350	590	15	2.51	<5	14	283	<20	0.63	<10
H740769		30	11.05	1100	1	0.47	3630	470	20	4.11	<5	13	179	<20	0.53	<10
H740770		20	10.90	1085	2	0.53	3410	450	13	3.87	<5	13	187	<20	0.53	<10
H740771		20	1.05	146	<1	2.47	252	240	3	0.90	<5	4	91	20	0.10	<10
H740772		40	0.39	102	<1	2.18	30	250	<2	0.51	<5	3	139	20	0.09	<10
H740773		50	0.35	56	<1	2.02	16	250	5	0.84	<5	2	170	30	0.09	<10
H740774		50	0.30	50	<1	1.85	4	240	3	0.67	<5	2	183	30	0.09	<10
H740775		50	0.36	65	<1	1.73	8	220	3	0.54	<5	2	172	20	0.08	<10

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

Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-113 BL

CERTIFICATE OF ANALYSIS SD09058178

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740736		<10	8	<10	6	<0.001	0.0007	0.001			
H740737		<10	12	<10	7	<0.001	0.0018	0.001			
H740738		<10	310	<10	94	<0.001	0.0033	0.002			
H740739		<10	410	<10	124	0.001	0.0010	<0.001			
H740740		<10	403	<10	125	<0.001	0.0033	0.002			
H740741		<10	313	<10	93	<0.001	0.0072	0.002			
H740742		<10	226	<10	86	0.013	0.0560	0.013			
H740743		<10	211	<10	68	0.009	0.0515	0.017			
H740744		<10	187	<10	63	0.005	0.0370	0.029			
H740745		<10	125	<10	724	0.009	0.119	0.126			
H740746		<10	126	<10	99	0.012	0.176	0.172			
H740747		<10	123	<10	99	0.008	0.145	0.139			
H740748		<10	129	<10	103	0.009	0.142	0.131			
H740749		<10	134	<10	105	0.006	0.121	0.109			
H740750		<10	163	<10	107	0.128	0.386	0.365			
H740751		<10	134	<10	101	0.002	0.0748	0.065			
H740752		<10	135	<10	101	0.001	0.0492	0.042			
H740753		<10	135	<10	100	0.008	0.0845	0.078			
H740754		<10	127	<10	291	0.003	0.0459	0.038			
H740755		<10	128	<10	104	0.001	0.0267	0.024			
H740756		<10	140	<10	108	0.003	0.0795	0.072			
H740757		<10	130	<10	108	0.028	0.407	0.393			
H740758		<10	131	<10	110	0.001	0.0238	0.018			
H740759		<10	136	<10	99	0.003	0.0257	0.019			
H740760		<10	16	<10	27	<0.001	0.0024	0.001			
H740761		<10	147	<10	103	0.003	0.0295	0.019			
H740762		<10	152	<10	106	0.011	0.161	0.157			
H740763		<10	155	<10	113	0.040	0.602	0.570			
H740764		<10	153	<10	122	0.019	0.320	0.301			
H740765		<10	153	<10	128	0.090	>1.00	>1.00	0.09	1.47	1.40
H740766		<10	171	<10	125	0.040	0.558	0.521			
H740767		<10	157	<10	116	0.032	0.577	0.603			
H740768		<10	138	<10	129	0.114	>1.00	>1.00	0.11	1.73	1.75
H740769		<10	124	<10	134	0.113	>1.00	>1.00	0.11	2.73	2.79
H740770		<10	124	<10	99	0.111	>1.00	>1.00	0.12	2.62	2.70
H740771		10	13	<10	25	0.011	0.263	0.257			
H740772		10	10	<10	4	0.001	0.0298	0.028			
H740773		<10	10	<10	4	0.001	0.0351	0.030			
H740774		<10	10	<10	3	<0.001	0.0018	0.002			
H740775		<10	9	<10	5	<0.001	0.0012	0.001			

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

Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-113 BL

CERTIFICATE OF ANALYSIS SD09058178

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740775 CRD		<0.02	<0.5	6.44	7	850	0.7	<2	0.17	<0.5	2	9	4	1.45	20	4.11
H740776		2.72	<0.5	5.13	<5	100	1.1	<2	3.41	<0.5	94	968	70	11.05	20	0.44
H740777		1.72	0.5	4.60	<5	160	1.1	<2	2.28	<0.5	106	1380	147	10.90	10	0.78
H740778		3.30	<0.5	7.35	5	480	1.5	<2	3.25	<0.5	74	138	46	12.40	20	1.22
H740779		3.38	<0.5	7.59	9	500	1.9	<2	2.83	<0.5	54	22	36	10.25	20	0.90
H740780		0.10	1.1	3.21	7	160	0.7	<2	3.46	<0.5	114	2440	835	9.62	10	0.34
H740781		3.00	<0.5	7.77	13	330	2.0	<2	3.00	<0.5	44	13	26	8.86	20	0.54
H740782		4.12	<0.5	6.89	7	770	1.2	<2	0.22	<0.5	2	6	2	1.22	20	3.69
H740783		3.90	<0.5	6.63	<5	660	1.0	<2	0.24	<0.5	1	6	1	1.05	20	3.40

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CERTIFICATE OF ANALYSIS SD09058178

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740775 CRD		50	0.37	71	<1	1.77	9	230	7	0.55	<5	2	174	20	0.09	<10
H740776		30	8.95	1520	<1	1.17	451	1100	7	0.55	<5	16	337	<20	1.36	<10
H740777		30	9.92	1395	<1	0.91	628	1090	13	0.89	<5	13	258	<20	1.19	<10
H740778		40	3.94	1770	1	2.55	98	1640	9	1.01	<5	16	643	<20	2.20	<10
H740779		50	3.31	1800	1	3.13	36	1690	14	1.78	<5	14	501	<20	1.87	<10
H740780		20	13.60	1360	<1	0.81	1270	680	5	0.27	<5	16	354	<20	0.76	<10
H740781		50	3.04	1155	<1	3.60	23	1790	20	2.99	<5	15	471	<20	1.70	<10
H740782		50	0.29	64	<1	2.60	3	270	19	0.53	<5	3	138	30	0.11	<10
H740783		70	0.31	69	<1	2.67	2	270	18	0.16	<5	2	126	30	0.10	<10

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Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-113 BL

CERTIFICATE OF ANALYSIS SD09058178

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740775 CRD		<10	11	<10	6	0.001	0.0018	0.002			
H740776		<10	248	<10	150	<0.001	0.0056	0.004			
H740777		<10	213	<10	124	0.001	0.0143	0.014			
H740778		<10	393	<10	184	<0.001	0.0011	0.001			
H740779		<10	299	<10	147	<0.001	0.0008	0.001			
H740780		<10	164	<10	105	0.150	0.408	0.382			
H740781		<10	241	<10	107	<0.001	0.0007	0.001			
H740782		10	12	<10	5	<0.001	0.0005	<0.001			
H740783		<10	12	<10	4	<0.001	<0.0005	<0.001			

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

Finalized Date: 3-JUL-2009
Account: MGMAM

CERTIFICATE SD09061003

Project: SD09-114 BL

P.O. No.:

This report is for 40 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 12-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - 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

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 3-JUL-2009
Account: MGMAM

Project: SD09-114 BL

CERTIFICATE OF ANALYSIS SD09061003

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744501		4.14	<0.5	6.55	5	950	1.3	<2	0.18	<0.5	1	8	11	0.72	20	4.74
H744502		3.86	<0.5	6.92	<5	3100	1.7	<2	0.25	<0.5	1	9	9	0.73	20	4.05
H744503		2.86	<0.5	6.40	10	870	1.2	<2	0.42	<0.5	10	41	19	2.08	20	3.81
H744504		3.20	<0.5	4.94	31	560	1.4	<2	5.40	<0.5	47	465	151	7.16	10	0.30
H744505		2.68	<0.5	3.13	93	30	0.9	<2	3.86	<0.5	88	997	238	8.70	10	0.18
H744506		2.00	<0.5	2.93	175	370	1.1	<2	5.39	<0.5	91	1085	438	8.41	10	0.16
H744507		2.92	<0.5	2.99	46	190	0.8	<2	3.63	<0.5	109	1580	748	8.96	10	0.36
H744508		2.20	<0.5	3.01	9	200	0.8	<2	3.58	<0.5	99	1610	162	8.91	10	0.43
H744509		2.30	<0.5	2.78	20	190	0.7	<2	3.52	<0.5	110	1715	874	9.29	10	0.42
H744510		0.10	0.9	5.98	<5	540	0.7	<2	1.36	<0.5	80	108	3410	4.74	10	2.55
H744511		2.20	<0.5	2.87	83	420	0.9	<2	2.98	<0.5	106	1705	503	9.32	10	0.39
H744512		2.24	<0.5	2.81	91	210	0.8	2	3.54	<0.5	106	1920	165	9.48	10	0.40
H744513		2.32	<0.5	2.63	16	120	0.7	<2	3.37	<0.5	108	1860	164	9.43	10	0.36
H744514		2.04	<0.5	2.73	18	80	0.7	<2	3.40	<0.5	103	1720	153	9.04	10	0.30
H744515		2.26	0.5	2.57	84	90	0.7	<2	3.05	<0.5	124	1640	1465	9.81	10	0.30
H744516		2.28	1.7	2.49	73	80	0.7	2	2.72	<0.5	172	1735	4510	11.60	10	0.24
H744517		1.98	12.5	2.71	109	120	1.4	3	2.24	<0.5	155	1575	3760	10.75	10	0.21
H744518		2.30	0.5	2.58	25	70	0.6	<2	3.23	<0.5	121	1815	1490	10.10	10	0.28
H744519		2.28	0.7	2.72	10	90	0.6	<2	3.38	<0.5	125	1915	1700	10.10	10	0.27
H744520		0.10	<0.5	6.27	<5	890	1.0	<2	1.34	<0.5	3	23	22	1.53	10	2.07
H744521		2.36	<0.5	3.01	23	100	0.9	3	3.41	<0.5	110	1600	754	9.57	10	0.29
H744522		2.40	1.2	3.07	37	120	0.8	3	3.17	0.6	145	1600	2860	10.55	10	0.33
H744523		2.28	1.4	2.96	56	70	1.0	4	2.43	<0.5	171	1635	4010	11.05	10	0.23
H744524		2.50	3.0	2.79	72	40	1.7	4	2.21	1.0	158	1415	4330	10.35	10	0.16
H744525		2.32	3.2	2.63	22	80	1.2	<2	2.46	1.2	288	1640	6160	13.90	<10	0.16
H744526		2.52	2.8	2.02	<5	120	0.6	<2	2.34	0.9	400	1890	8800	17.50	<10	0.18
H744527		2.76	3.2	2.07	48	120	1.1	3	2.33	0.6	351	1580	9490	16.40	<10	0.17
H744528		2.50	4.6	2.31	16	70	0.6	4	2.47	1.0	308	1780	>10000	14.95	<10	0.15
H744529		2.38	4.2	2.23	53	40	0.8	<2	2.12	0.7	306	1490	>10000	15.50	<10	0.14
H744530		0.10	0.6	7.92	782	260	<0.5	3	5.33	<0.5	31	493	273	5.16	10	0.76
H744531		5.58	3.9	2.99	8	80	0.8	6	3.25	1.1	244	1600	9730	13.65	<10	0.26
H744532		2.54	12.4	3.01	10	120	0.7	4	3.54	2.7	159	1950	>10000	11.50	<10	0.30
H744533		7.10	<0.5	6.35	<5	610	1.5	<2	0.30	<0.5	8	44	68	1.90	20	3.50
H744534		0.92	<0.5	7.04	<5	550	1.5	3	0.62	<0.5	20	102	71	3.88	20	2.33
H744535		2.22	<0.5	7.69	11	240	1.7	<2	3.05	<0.5	39	8	48	8.05	20	0.95
H744536		4.76	<0.5	7.45	5	200	1.9	2	3.16	0.6	57	47	49	11.40	20	0.51
H744537		4.60	<0.5	7.62	7	350	1.9	<2	2.70	0.6	44	20	43	9.02	20	0.55
H744538		4.74	<0.5	7.32	<5	470	1.8	<2	0.55	<0.5	14	83	13	3.07	20	2.59
H744539		2.26	<0.5	7.49	<5	470	1.6	<2	0.63	<0.5	16	81	38	3.17	20	2.22
H744540		1.72	<0.5	7.17	<5	430	1.6	<2	0.61	<0.5	14	78	37	3.00	20	2.05

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

Finalized Date: 3-JUL-2009
Account: MGMAM

Project: SD09-114 BL

CERTIFICATE OF ANALYSIS SD09061003

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744501		10	0.21	61	<1	1.40	3	280	23	0.28	<5	2	141	<20	0.04	<10
H744502		10	0.22	73	<1	2.35	3	300	29	0.34	<5	2	181	<20	0.04	<10
H744503		10	0.55	120	<1	2.26	31	430	7	1.20	<5	6	110	<20	0.23	<10
H744504		20	5.95	1660	<1	2.02	178	1040	23	1.88	<5	28	231	<20	1.15	<10
H744505		20	12.15	1695	<1	0.30	640	720	111	2.36	<5	18	75	<20	0.59	<10
H744506		20	12.30	1745	<1	0.15	700	650	51	3.36	<5	17	116	<20	0.57	<10
H744507		20	13.25	1345	<1	0.28	976	700	9	1.36	<5	15	337	<20	0.65	<10
H744508		20	13.20	1315	<1	0.28	771	600	5	0.27	<5	16	364	<20	0.71	<10
H744509		20	13.30	1320	<1	0.26	977	630	3	1.00	<5	16	425	<20	0.66	<10
H744510		10	0.90	399	25	1.54	2510	340	8	2.16	<5	3	430	<20	0.10	<10
H744511		20	13.55	1625	<1	0.15	937	670	6	2.76	<5	13	1370	<20	0.59	<10
H744512		20	13.85	1385	<1	0.19	842	730	3	2.15	<5	16	347	<20	0.61	<10
H744513		20	13.75	1380	<1	0.21	871	660	2	0.56	<5	16	252	<20	0.65	<10
H744514		20	13.85	1390	<1	0.13	820	630	2	0.46	<5	16	132	<20	0.65	<10
H744515		20	13.20	1385	<1	0.21	1350	610	7	3.56	<5	14	194	<20	0.47	<10
H744516		10	13.20	1465	<1	0.17	2010	560	7	5.41	<5	14	106	<20	0.47	<10
H744517		20	13.40	1300	<1	0.10	1865	610	6	5.58	<5	15	82	<20	0.45	<10
H744518		10	13.35	1415	<1	0.17	1270	580	5	2.14	<5	16	122	<20	0.55	<10
H744519		10	13.10	1375	<1	0.24	1425	640	3	1.52	<5	16	210	<20	0.70	<10
H744520		10	0.23	558	<1	2.57	5	190	9	0.01	<5	5	169	<20	0.12	<10
H744521		20	13.10	1495	<1	0.20	931	720	5	1.59	<5	16	145	<20	0.71	<10
H744522		20	12.30	1395	1	0.35	1720	750	6	3.42	<5	16	209	<20	0.62	<10
H744523		20	12.50	1500	<1	0.27	1940	780	19	4.35	<5	14	146	<20	0.54	<10
H744524		20	12.45	1355	1	0.17	1990	760	26	5.54	<5	13	124	<20	0.45	<10
H744525		10	11.00	1465	2	0.30	4410	570	16	5.71	<5	13	178	<20	0.50	<10
H744526		10	10.55	1365	2	0.40	6520	560	11	5.12	<5	12	218	<20	0.50	<10
H744527		10	9.94	1265	2	0.36	5600	490	19	9.60	<5	12	184	<20	0.45	10
H744528		10	10.30	1390	1	0.43	5570	590	10	7.78	<5	14	236	<20	0.54	<10
H744529		10	10.55	1330	2	0.26	5910	540	11	9.63	<5	14	125	<20	0.47	<10
H744530		<10	2.79	563	7	1.11	742	290	21	0.63	8	9	169	<20	0.16	<10
H744531		10	10.15	1335	1	0.57	4560	630	11	4.15	<5	16	249	<20	0.72	<10
H744532		10	11.30	1310	1	0.65	2730	670	53	2.40	<5	17	300	<20	0.74	<10
H744533		10	0.80	169	<1	1.65	45	450	27	0.63	<5	6	259	<20	0.12	<10
H744534		10	1.96	419	1	2.58	73	550	19	0.47	<5	11	289	<20	0.29	<10
H744535		40	2.81	903	2	3.62	16	1890	6	0.80	<5	15	355	<20	1.61	<10
H744536		40	3.34	1450	3	3.30	52	2040	9	0.88	5	15	656	<20	2.05	<10
H744537		40	3.08	1395	3	3.48	25	1920	13	1.67	<5	15	496	<20	1.74	<10
H744538		10	1.43	369	<1	2.31	50	570	2	0.27	<5	10	236	<20	0.26	<10
H744539		20	1.44	387	<1	2.36	52	630	<2	0.21	<5	12	246	<20	0.25	<10
H744540		20	1.37	366	<1	2.46	52	500	2	0.21	<5	11	251	<20	0.24	<10

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

Finalized Date: 3-JUL-2009
Account: MGMAM

Project: SD09-114 BL

CERTIFICATE OF ANALYSIS SD09061003

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
H744501		10	4	<10	16		0.002	0.0007	0.002			
H744502		40	5	<10	4		0.002	0.0008	0.001			
H744503		10	39	<10	9		0.002	0.0309	0.031			
H744504		<10	248	<10	89		0.007	0.0369	0.035			
H744505		<10	147	<10	177		0.006	0.0693	0.067			
H744506		<10	132	<10	176		0.009	0.146	0.147			
H744507		<10	141	<10	110		0.019	0.244	0.234			
H744508		<10	150	<10	105		0.005	0.0409	0.053			
H744509		<10	143	<10	108		0.019	0.258	0.252			
H744510		<10	39	<10	41		0.014	0.0092	0.013			
H744511		<10	142	<10	118		0.012	0.138	0.132			
H744512		<10	153	<10	111		0.005	0.0381	0.034			
H744513		<10	147	<10	110		0.005	0.0365	0.030			
H744514		<10	142	<10	103		0.004	0.0402	0.034			
H744515		<10	133	<10	108		0.034	0.578	0.561			
H744516		<10	131	<10	115		0.088	>1.00	>1.00	0.09	1.52	1.48
H744517		<10	140	<10	183		0.076	>1.00	>1.00	0.07	1.31	1.25
H744518		<10	151	<10	107		0.046	0.633	0.581			
H744519		<10	160	<10	103		0.045	0.696	0.672			
H744520		10	16	<10	30		0.001	0.0011	0.001			
H744521		<10	167	<10	113		0.020	0.290	0.277			
H744522		<10	159	<10	107		0.070	>1.00	>1.00	0.07	1.16	1.15
H744523		<10	151	<10	116		0.092	>1.00	>1.00	0.09	1.61	1.62
H744524		<10	136	<10	204		0.087	>1.00	>1.00	0.09	1.84	1.81
H744525		<10	132	<10	201		0.088	>1.00	>1.00	0.09	2.17	2.32
H744526		<10	132	<10	135		0.086	>1.00	>1.00	0.10	3.00	3.12
H744527		<10	118	<10	148		0.105	>1.00	>1.00	0.12	3.36	3.56
H744528		<10	137	<10	101	1.115	0.172	>1.00	>1.00	0.19	4.23	4.45
H744529		<10	132	<10	110	1.165	0.120	>1.00	>1.00	0.12	4.56	4.78
H744530		10	63	<10	45		0.898	>1.00	>1.00	0.95	1.22	4.61
H744531		<10	157	<10	129		0.137	>1.00	>1.00	0.14	4.00	4.27
H744532		<10	160	<10	119	1.350	0.482	>1.00	>1.00	0.51	6.27	5.51
H744533		30	29	<10	39		0.006	0.0530	0.047			
H744534		10	96	<10	92		0.005	0.0296	0.025			
H744535		10	202	<10	114		0.002	0.0038	0.004			
H744536		<10	352	<10	231		0.001	0.0026	0.002			
H744537		10	245	<10	226		0.002	0.0017	0.002			
H744538		20	78	<10	50		0.002	0.0024	0.002			
H744539		20	83	<10	51		0.001	0.0027	0.003			
H744540		20	77	<10	46		0.001	0.0028	0.002			

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

Finalized Date: 23-JUN-2009
Account: MGMAM

CERTIFICATE SD09058176

Project: SD09-115 BL

P.O. No.:

This report is for 7 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 8-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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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: 23-JUN-2009
Account: MGMAM

Project: SD09-115 BL

CERTIFICATE OF ANALYSIS SD09058176

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744541		3.98	<0.5	6.54	<5	730	1.5	<2	0.32	<0.5	3	10	11	1.17	20	3.58
H744542		3.98	<0.5	6.43	<5	850	1.5	<2	0.32	<0.5	2	13	6	1.40	20	4.19
H744543		4.16	<0.5	7.08	10	480	1.8	<2	3.54	<0.5	50	23	36	10.15	20	0.81
H744544		4.28	<0.5	7.20	11	480	1.7	<2	3.62	<0.5	69	62	36	13.20	20	0.80
H744545		4.72	<0.5	7.57	5	550	1.8	3	3.09	<0.5	44	11	31	8.93	20	0.90
H744546		3.16	<0.5	6.35	<5	460	1.7	<2	0.39	<0.5	2	9	4	1.17	20	3.50
H744547		4.06	<0.5	6.67	<5	490	1.4	<2	0.46	<0.5	3	13	6	1.07	20	3.88

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-115 BL

CERTIFICATE OF ANALYSIS SD09058176

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744541		50	0.27	85	<1	2.49	50	270	18	0.49	<5	3	170	30	0.11	<10
H744542		40	0.23	73	<1	2.11	25	270	33	0.95	<5	3	178	20	0.08	<10
H744543		40	2.97	1045	<1	2.91	40	1630	19	4.11	<5	14	447	<20	1.66	<10
H744544		40	3.35	1300	<1	2.54	74	1620	12	1.96	<5	15	425	<20	2.09	<10
H744545		40	3.12	1045	<1	3.15	29	1800	16	2.74	<5	15	406	<20	1.64	10
H744546		30	0.23	90	<1	2.30	8	310	21	0.46	<5	3	114	20	0.11	<10
H744547		40	0.22	109	<1	2.41	7	290	21	0.10	<5	3	116	20	0.09	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-115 BL

CERTIFICATE OF ANALYSIS SD09058176

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H744541		<10	12	<10	15	<0.001	<0.0005	<0.001
H744542		<10	11	<10	21	<0.001	<0.0005	<0.001
H744543		<10	279	<10	136	<0.001	<0.0005	<0.001
H744544		<10	438	<10	154	<0.001	0.0005	<0.001
H744545		<10	239	<10	126	<0.001	<0.0005	<0.001
H744546		10	11	<10	12	<0.001	<0.0005	<0.001
H744547		10	11	<10	13	<0.001	<0.0005	<0.001

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THUNDER BAY ON P7B 6V1

Finalized Date: 23-JUN-2009
Account: MGMAM

CERTIFICATE SD09058176

Project: SD09-115 BL

P.O. No.:

This report is for 7 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 8-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-115 BL

CERTIFICATE OF ANALYSIS SD09058176

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744541		3.98	<0.5	6.54	<5	730	1.5	<2	0.32	<0.5	3	10	11	1.17	20	3.58
H744542		3.98	<0.5	6.43	<5	850	1.5	<2	0.32	<0.5	2	13	6	1.40	20	4.19
H744543		4.16	<0.5	7.08	10	480	1.8	<2	3.54	<0.5	50	23	36	10.15	20	0.81
H744544		4.28	<0.5	7.20	11	480	1.7	<2	3.62	<0.5	69	62	36	13.20	20	0.80
H744545		4.72	<0.5	7.57	5	550	1.8	3	3.09	<0.5	44	11	31	8.93	20	0.90
H744546		3.16	<0.5	6.35	<5	460	1.7	<2	0.39	<0.5	2	9	4	1.17	20	3.50
H744547		4.06	<0.5	6.67	<5	490	1.4	<2	0.46	<0.5	3	13	6	1.07	20	3.88

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Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-115 BL

CERTIFICATE OF ANALYSIS SD09058176

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744541		50	0.27	85	<1	2.49	50	270	18	0.49	<5	3	170	30	0.11	<10
H744542		40	0.23	73	<1	2.11	25	270	33	0.95	<5	3	178	20	0.08	<10
H744543		40	2.97	1045	<1	2.91	40	1630	19	4.11	<5	14	447	<20	1.66	<10
H744544		40	3.35	1300	<1	2.54	74	1620	12	1.96	<5	15	425	<20	2.09	<10
H744545		40	3.12	1045	<1	3.15	29	1800	16	2.74	<5	15	406	<20	1.64	10
H744546		30	0.23	90	<1	2.30	8	310	21	0.46	<5	3	114	20	0.11	<10
H744547		40	0.22	109	<1	2.41	7	290	21	0.10	<5	3	116	20	0.09	<10

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Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-115 BL

CERTIFICATE OF ANALYSIS SD09058176

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H744541		<10	12	<10	15	<0.001	<0.0005	<0.001
H744542		<10	11	<10	21	<0.001	<0.0005	<0.001
H744543		<10	279	<10	136	<0.001	<0.0005	<0.001
H744544		<10	438	<10	154	<0.001	0.0005	<0.001
H744545		<10	239	<10	126	<0.001	<0.0005	<0.001
H744546		10	11	<10	12	<0.001	<0.0005	<0.001
H744547		10	11	<10	13	<0.001	<0.0005	<0.001

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

Finalized Date: 29-JUN-2009
Account: MGMAM

CERTIFICATE SD09061001

Project: SD09-116 BL

P.O. No.:

This report is for 28 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 12-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29-JUN-2009
Account: MGMAM

Project: SD09-116 BL

CERTIFICATE OF ANALYSIS SD09061001

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744548		3.82	0.9	7.26	6	520	2.5	<2	0.47	<0.5	16	83	64	3.32	20	2.84
H744549		3.96	1.3	7.17	6	620	2.8	<2	0.69	<0.5	23	104	48	4.38	20	2.84
H744550		0.08	17.3	7.05	166	470	0.7	<2	3.31	3.1	15	100	341	4.30	10	0.86
H744551		1.62	0.6	6.37	17	490	1.9	<2	2.54	<0.5	37	230	225	7.25	20	0.67
H744552		4.52	<0.5	4.85	11	270	1.8	<2	1.90	<0.5	27	126	191	4.83	10	0.70
H744553		4.52	<0.5	4.89	17	230	1.9	2	1.56	<0.5	28	136	297	4.36	10	0.71
H744554		3.92	<0.5	4.22	14	180	1.5	11	2.26	<0.5	25	155	142	4.72	10	0.51
H744555		3.76	<0.5	4.70	18	90	1.1	<2	4.09	<0.5	106	954	570	9.89	10	0.31
H744556		4.42	0.5	3.33	8	160	0.9	2	3.06	<0.5	122	2360	972	10.20	10	0.41
H744557		4.48	0.8	2.75	<5	110	0.6	<2	2.38	<0.5	138	3030	995	10.60	<10	0.28
H744558		4.52	0.5	2.64	6	110	0.7	<2	1.82	<0.5	137	2890	766	10.25	<10	0.36
H744559		4.96	1.5	2.51	15	100	0.6	<2	2.10	0.5	186	3070	2940	11.60	<10	0.23
H744560		0.08	<0.5	6.36	<5	950	1.0	<2	1.40	<0.5	3	31	27	1.62	10	2.10
H744561		4.50	1.0	2.44	10	120	0.5	<2	1.89	<0.5	147	3230	1200	11.20	<10	0.26
H744562		4.54	1.5	2.39	6	90	0.7	<2	1.58	0.7	177	3090	2600	11.80	<10	0.29
H744563		4.52	0.8	2.53	<5	100	0.7	<2	1.83	<0.5	148	3080	805	11.25	<10	0.30
H744564		4.50	0.9	2.48	6	120	0.7	<2	2.02	<0.5	163	2830	1600	11.60	<10	0.30
H744565		4.38	1.7	2.32	<5	100	0.6	<2	1.73	<0.5	173	2640	2540	11.85	<10	0.22
H744566		4.68	1.7	2.61	<5	110	0.6	2	2.03	<0.5	160	3070	2110	11.60	<10	0.26
H744567		4.52	<0.5	2.73	<5	120	0.7	<2	2.12	<0.5	135	2910	726	10.85	<10	0.30
H744568		4.60	0.8	2.90	<5	130	0.6	<2	2.29	<0.5	144	3130	1030	11.40	<10	0.31
H744569		4.52	<0.5	3.75	11	130	0.9	<2	2.38	<0.5	132	2680	578	12.00	10	0.29
H744570		0.10	1.6	6.15	<5	480	0.7	<2	1.43	<0.5	84	116	3490	5.08	10	2.59
H744571		2.54	<0.5	3.08	8	120	0.7	<2	2.91	<0.5	130	2640	704	10.70	<10	0.31
H744572		2.86	0.5	4.63	<5	200	1.3	<2	2.34	<0.5	121	1490	241	11.75	10	0.42
H744573		3.70	<0.5	7.40	5	370	2.8	<2	1.00	<0.5	19	68	67	3.84	20	1.92
H744574		4.06	<0.5	7.20	<5	290	3.0	<2	0.37	<0.5	3	17	5	0.96	20	2.03
H744575		3.94	<0.5	7.39	<5	410	2.5	<2	0.33	<0.5	2	13	4	0.91	20	3.98

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

Finalized Date: 29-JUN-2009
Account: MGMAM

Project: SD09-116 BL

CERTIFICATE OF ANALYSIS SD09061001

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744548		20	1.47	353	6	2.16	65	610	20	1.17	<5	11	152	<20	0.26	<10
H744549		20	1.91	498	4	1.96	93	740	13	1.67	<5	11	175	<20	0.31	<10
H744550		10	1.53	774	194	2.06	109	550	272	0.26	7	14	268	<20	0.31	<10
H744551		20	3.87	797	2	2.32	143	1080	29	2.47	<5	21	173	<20	1.11	<10
H744552		20	2.74	757	1	1.86	85	860	5	1.35	<5	14	116	<20	0.80	<10
H744553		20	2.74	472	5	1.88	142	780	19	1.37	<5	14	101	<20	0.68	<10
H744554		10	2.91	678	1	1.70	97	770	13	1.55	<5	14	136	<20	0.68	<10
H744555		20	10.80	1940	<1	1.18	697	950	38	1.48	<5	22	219	<20	1.02	<10
H744556		10	13.75	1410	1	0.45	1230	520	7	1.63	7	17	223	<20	0.84	<10
H744557		10	15.85	1410	<1	0.49	1510	580	4	1.20	5	13	227	<20	0.69	<10
H744558		10	16.20	1360	<1	0.53	1460	620	4	1.70	6	10	180	<20	0.60	<10
H744559		10	16.05	1360	<1	0.39	2800	530	4	2.56	5	11	179	<20	0.62	<10
H744560		10	0.24	577	<1	2.75	11	180	7	0.01	<5	5	174	<20	0.12	<10
H744561		10	17.30	1420	<1	0.42	1710	570	4	1.19	6	12	144	<20	0.63	<10
H744562		10	16.15	1370	<1	0.46	2350	400	3	2.15	<5	11	152	<20	0.58	<10
H744563		10	16.55	1420	<1	0.49	1480	550	<2	1.13	<5	12	176	<20	0.67	<10
H744564		10	16.55	1420	<1	0.50	1900	570	5	1.51	<5	12	202	<20	0.63	<10
H744565		10	16.50	1410	<1	0.39	2250	500	4	1.60	<5	12	173	<20	0.60	<10
H744566		10	16.05	1410	<1	0.50	1980	580	6	1.30	5	13	212	<20	0.66	<10
H744567		10	15.70	1410	1	0.57	1380	640	4	0.84	<5	13	225	<20	0.66	<10
H744568		20	15.75	1450	<1	0.59	1490	640	4	1.40	<5	14	233	<20	0.60	<10
H744569		20	13.20	1530	<1	0.67	994	970	5	2.30	<5	14	313	<20	0.72	<10
H744570		10	0.98	412	31	1.67	2520	340	7	2.38	<5	4	449	<20	0.10	<10
H744571		10	14.15	1400	<1	0.60	1340	660	6	1.46	<5	14	249	<20	0.66	<10
H744572		20	10.55	1370	<1	0.95	680	1000	5	1.15	<5	13	383	<20	0.96	<10
H744573		20	1.72	350	2	2.94	49	760	9	1.20	<5	10	238	<20	0.44	<10
H744574		10	0.28	125	1	4.01	8	360	42	0.40	<5	4	299	<20	0.05	<10
H744575		10	0.24	92	<1	3.05	5	440	53	0.44	<5	4	183	<20	0.05	<10

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Finalized Date: 29-JUN-2009
Account: MGMAM

Project: SD09-116 BL

CERTIFICATE OF ANALYSIS SD09061001

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H744548		20	80	<10	58	0.002	0.0017	0.002
H744549		10	103	<10	57	0.003	0.0028	0.004
H744550		10	107	<10	383	0.396	0.0972	0.422
H744551		<10	222	<10	129	0.009	0.0600	0.049
H744552		<10	154	<10	90	0.006	0.0924	0.066
H744553		10	139	<10	111	0.008	0.143	0.115
H744554		10	138	<10	77	0.012	0.0900	0.105
H744555		<10	214	<10	213	0.020	0.355	0.306
H744556		<10	178	<10	117	0.026	0.412	0.361
H744557		<10	151	<10	105	0.023	0.331	0.301
H744558		<10	127	<10	102	0.019	0.269	0.233
H744559		<10	134	<10	105	0.053	0.888	0.868
H744560		20	16	<10	28	0.002	0.0017	0.001
H744561		<10	135	<10	110	0.031	0.424	0.365
H744562		<10	128	<10	124	0.070	0.808	0.810
H744563		<10	142	<10	113	0.022	0.244	0.231
H744564		<10	139	<10	117	0.039	0.509	0.461
H744565		<10	135	<10	115	0.060	0.805	0.763
H744566		<10	147	<10	114	0.054	0.667	0.614
H744567		<10	149	<10	110	0.020	0.224	0.202
H744568		<10	163	<10	112	0.027	0.325	0.296
H744569		<10	196	<10	128	0.017	0.174	0.152
H744570		10	42	<10	36	0.016	0.0107	0.014
H744571		<10	168	<10	111	0.017	0.191	0.172
H744572		<10	218	<10	129	0.004	0.0180	0.018
H744573		20	81	<10	46	0.003	0.0029	0.003
H744574		40	4	<10	22	0.002	0.0011	0.001
H744575		30	1	<10	33	0.003	0.0009	0.001

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

Finalized Date: 2-JUL-2009
Account: MGMAM

CERTIFICATE SD09061004

Project: SD09-117 BL

P.O. No.:

This report is for 19 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 12-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - 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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-117 BL

CERTIFICATE OF ANALYSIS SD09061004

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H744576		2.66	<0.5	7.44	13	420	3.3	2	0.34	<0.5	19	106	9	4.27	20	2.48
H744577		2.38	<0.5	6.51	<5	520	2.1	2	0.27	<0.5	3	21	13	1.46	20	2.71
H744578		3.18	<0.5	3.59	<5	220	1.2	3	0.37	<0.5	9	78	10	2.79	10	1.11
H744579		1.04	<0.5	3.42	13	140	1.0	<2	0.35	<0.5	13	88	11	3.08	10	0.72
H744580		1.12	<0.5	3.28	21	130	1.0	2	0.41	<0.5	16	118	68	3.19	10	0.68
H744581		4.04	0.5	3.81	40	290	1.2	<2	3.68	0.5	97	1430	725	9.29	10	0.37
H744582		4.46	<0.5	3.04	15	120	0.7	<2	3.24	<0.5	104	2100	394	9.29	10	0.40
H744583		4.28	1.0	2.96	7	140	0.7	<2	3.21	<0.5	123	2380	1390	9.88	<10	0.33
H744584		4.68	1.4	3.15	<5	160	0.7	<2	3.58	<0.5	127	2470	1820	10.10	<10	0.40
H744585		2.26	1.5	3.41	<5	150	0.7	<2	3.75	<0.5	136	2300	2080	10.45	<10	0.38
H744586		2.20	0.6	3.63	<5	140	0.8	<2	3.41	<0.5	112	2190	879	9.63	10	0.44
H744587		2.22	1.8	3.65	<5	160	0.8	<2	3.28	<0.5	145	2010	2620	10.65	10	0.32
H744588		2.38	3.3	3.16	<5	60	0.7	<2	2.90	0.6	288	1760	7480	14.05	<10	0.20
H744589		2.04	9.6	3.98	6	90	1.1	<2	2.48	1.1	243	1370	>10000	14.30	<10	0.30
H744590		0.08	0.5	8.12	970	270	<0.5	<2	5.54	<0.5	32	516	261	5.51	10	0.79
H744591		3.40	3.1	7.64	19	220	1.8	<2	3.18	<0.5	79	46	1860	10.20	20	0.65
H744592		3.70	<0.5	8.03	7	140	2.1	<2	3.54	<0.5	46	25	58	9.95	20	0.47
H744593		1.86	<0.5	8.00	6	850	4.2	<2	1.11	<0.5	25	133	58	4.64	20	2.84
H744594		6.00	<0.5	8.16	5	480	2.5	<2	0.92	<0.5	26	129	59	4.98	20	2.69

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-117 BL

CERTIFICATE OF ANALYSIS SD09061004

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744576		10	2.12	349	<1	2.23	71	790	3	1.49	<5	14	127	<20	0.36	<10
H744577		10	0.48	140	<1	2.74	13	500	5	0.37	<5	3	131	<20	0.07	<10
H744578		10	1.16	188	1	0.97	35	690	3	1.05	<5	6	42	<20	0.21	<10
H744579		10	1.38	184	5	1.18	39	550	2	1.12	<5	6	36	<20	0.32	<10
H744580		10	1.68	227	2	1.05	89	540	3	1.09	<5	6	38	<20	0.31	<10
H744581		20	11.45	1380	1	0.79	917	830	15	0.75	<5	19	280	<20	0.91	<10
H744582		10	13.25	1360	1	0.31	948	690	5	0.64	5	17	175	<20	0.82	<10
H744583		10	13.40	1340	1	0.40	1460	630	4	0.73	<5	17	222	<20	0.79	<10
H744584		10	12.80	1280	1	0.70	1640	740	5	0.91	<5	17	316	<20	0.82	<10
H744585		20	12.50	1280	1	0.85	1750	730	7	0.90	<5	16	388	<20	0.87	<10
H744586		20	12.80	1300	<1	0.76	1180	830	2	0.50	<5	15	370	<20	0.90	<10
H744587		20	11.95	1310	<1	0.61	2120	830	8	1.51	<5	16	327	<20	0.89	<10
H744588		10	10.95	1160	<1	0.43	5150	700	12	4.61	5	16	211	<20	0.81	<10
H744589		20	9.26	1000	<1	0.92	4630	840	26	5.08	<5	16	214	<20	0.95	10
H744590		<10	2.98	566	6	1.19	744	290	17	0.63	11	9	171	<20	0.16	<10
H744591		30	3.29	1280	1	3.42	470	1160	19	2.83	5	16	324	<20	1.70	<10
H744592		40	3.17	1370	1	3.98	36	1800	12	2.06	5	17	348	<20	1.87	<10
H744593		20	1.76	606	1	2.17	84	850	13	0.58	<5	15	335	<20	0.42	<10
H744594		20	2.04	521	<1	1.88	77	930	10	0.77	<5	17	218	<20	0.43	<10

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

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-117 BL

CERTIFICATE OF ANALYSIS SD09061004

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	Au-AA25
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd	Au
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03	0.01
H744576		20	119	<10	60		0.002	0.0022	0.002				
H744577		10	19	<10	18		0.003	0.0014	0.001				
H744578		<10	51	10	24		0.004	0.0190	0.011				
H744579		10	63	<10	26		0.004	0.0236	0.019				
H744580		10	59	<10	27		0.006	0.0749	0.061				
H744581		<10	181	<10	130		0.028	0.456	0.371				
H744582		<10	168	<10	101		0.013	0.218	0.175				
H744583		<10	162	<10	101		0.043	0.756	0.633				
H744584		<10	171	<10	100		0.054	0.956	0.802				
H744585		<10	175	<10	101		0.060	>1.00	0.942	0.06	1.01	0.91	
H744586		<10	170	<10	99		0.028	0.427	0.365				
H744587		<10	176	<10	100		0.070	>1.00	>1.00	0.07	1.23	1.12	
H744588		<10	169	<10	107		0.126	>1.00	>1.00	0.14	3.53	3.38	
H744589		<10	177	<10	96	1.425	0.380	>1.00	>1.00	0.39	7.56	6.16	
H744590		10	66	10	45		>1.00	>1.00	>1.00	NSS	NSS	NSS	1.45
H744591		10	294	<10	127		0.077	>1.00	0.885	0.08	1.03	0.91	
H744592		10	264	<10	122		0.003	0.0152	0.010				
H744593		10	131	<10	68		0.002	0.0060	0.005				
H744594		10	139	<10	83		0.002	0.0039	0.003				

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-117 BL

CERTIFICATE OF ANALYSIS SD09061004

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

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

Finalized Date: 23-JUN-2009
Account: MGMAM

CERTIFICATE TB09061451

Project: SD09-118 BL

P.O. No.:

This report is for 29 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 18-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740784		4.28	<0.5	7.83	5	420	2.8	<2	1.03	<0.5	17	99	25	4.00	20	2.01
H740785		4.22	<0.5	7.50	9	380	2.7	<2	0.86	<0.5	18	74	26	4.16	20	1.81
H740786		3.66	<0.5	7.50	11	240	1.7	<2	3.97	<0.5	46	20	33	9.11	20	0.69
H740787		0.10	1.4	6.08	<5	810	0.7	2	1.33	<0.5	80	109	3360	4.77	10	2.52
H740788		4.24	<0.5	7.44	20	220	1.8	<2	3.66	<0.5	48	20	56	8.77	20	0.54
H740789		5.06	<0.5	7.18	12	650	2.6	<2	0.54	<0.5	18	84	32	5.35	20	2.32
H740790		5.00	<0.5	7.95	7	610	1.8	<2	1.52	<0.5	16	87	25	3.52	20	2.27
H740791		3.34	<0.5	7.67	12	810	1.6	<2	1.20	<0.5	19	88	19	3.86	20	2.25
H740792		3.27	<0.5	7.70	18	650	1.9	<2	0.83	<0.5	19	90	13	4.12	20	2.15
H740793		3.73	<0.5	7.99	11	110	2.0	<2	3.24	<0.5	37	6	106	7.72	20	0.21
H740794		2.73	<0.5	7.41	8	520	2.6	<2	0.54	<0.5	21	121	32	4.38	20	2.02
H740795		3.77	68.1	3.61	15	410	1.2	2	0.65	<0.5	10	74	16	2.28	10	1.34
H740796		2.98	4.4	3.64	22	80	1.1	<2	4.08	<0.5	89	1080	361	8.67	10	0.31
H740797		0.08	<0.5	6.17	<5	880	0.9	<2	1.28	<0.5	3	18	18	1.51	10	2.04
H740798		4.38	<0.5	3.19	11	360	0.8	<2	3.69	<0.5	97	1320	133	9.14	10	0.41
H740799		4.49	<0.5	2.74	5	230	0.7	<2	3.27	<0.5	105	1710	166	9.34	10	0.37
H740800		4.43	0.8	2.68	6	130	0.6	<2	3.22	<0.5	113	2280	699	9.44	10	0.39
H740801		4.90	0.7	2.67	<5	120	0.6	3	3.23	<0.5	121	2550	1050	9.72	10	0.39
H740802		4.48	0.8	2.72	14	130	0.6	2	3.27	<0.5	112	2990	839	9.38	10	0.38
H740803		2.31	0.5	2.83	41	170	0.6	3	3.55	<0.5	101	2870	334	9.07	10	0.31
H740804		2.22	0.7	3.02	36	200	0.7	<2	3.19	<0.5	98	2640	291	9.00	10	0.33
H740805		2.20	0.5	3.17	19	220	0.7	<2	3.44	<0.5	113	2440	866	9.68	10	0.38
H740806		2.46	1.5	3.35	24	110	0.8	<2	3.66	<0.5	144	1640	3390	10.80	10	0.43
H740807		0.10	0.6	8.75	765	260	<0.5	<2	5.39	<0.5	31	487	256	5.27	10	0.81
H740808		2.09	1.9	3.84	44	150	0.9	5	3.77	<0.5	140	1310	2120	10.60	10	0.64
H740809		1.37	1.2	5.96	94	220	3.2	7	1.31	1.5	65	30	1820	3.21	30	1.53
H740810		1.99	4.1	6.00	41	180	2.5	2	2.67	4.3	165	575	4920	9.78	20	0.95
H740811		4.21	<0.5	7.46	14	530	5.2	5	0.87	<0.5	13	85	523	3.14	20	2.42
H740812		4.25	<0.5	8.32	7	570	5.3	2	0.98	<0.5	19	101	17	3.88	20	2.10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740784		20	1.74	563	<1	2.44	56	670	9	0.36	<5	11	302	<20	0.30	<10
H740785		20	1.72	477	1	2.47	40	810	15	1.69	<5	10	241	<20	0.40	<10
H740786		40	2.64	1090	<1	2.97	43	1650	7	2.20	<5	15	334	<20	1.71	<10
H740787		10	0.88	394	26	1.54	2490	340	9	2.05	<5	3	431	<20	0.10	<10
H740788		40	2.56	1135	1	2.82	33	1600	8	3.53	<5	15	360	<20	1.64	<10
H740789		20	2.39	491	2	1.39	57	660	31	1.90	<5	8	155	<20	0.24	<10
H740790		20	1.38	389	<1	2.36	42	680	18	0.45	<5	8	355	<20	0.26	<10
H740791		20	1.57	374	<1	2.70	47	740	8	0.76	<5	9	308	<20	0.26	<10
H740792		20	1.78	423	<1	2.50	49	780	11	1.28	<5	10	270	<20	0.30	<10
H740793		50	2.57	653	1	3.73	12	2000	12	2.07	<5	16	216	<20	1.64	<10
H740794		20	2.18	378	<1	2.81	72	930	<2	0.46	<5	12	260	<20	0.36	<10
H740795		10	0.92	161	1	1.25	30	410	288	0.86	<5	5	79	<20	0.20	<10
H740796		20	10.50	1370	2	0.69	658	740	505	0.42	<5	18	197	<20	0.81	<10
H740797		10	0.20	555	<1	2.55	1	170	9	<0.01	<5	4	165	<20	0.11	<10
H740798		20	11.85	1355	<1	0.45	709	710	<2	0.20	<5	16	348	<20	0.76	<10
H740799		20	13.30	1370	<1	0.35	864	690	2	0.14	<5	16	247	<20	0.73	<10
H740800		20	13.35	1315	<1	0.35	1130	650	3	0.34	<5	15	274	<20	0.71	<10
H740801		20	13.70	1340	<1	0.33	1360	630	3	0.47	<5	15	285	<20	0.69	<10
H740802		20	13.10	1295	1	0.39	1270	620	2	1.19	<5	15	279	<20	0.65	<10
H740803		20	12.90	1280	5	0.31	982	720	4	2.25	<5	15	299	<20	0.58	<10
H740804		20	12.50	1320	11	0.31	945	740	60	2.15	<5	16	245	<20	0.62	<10
H740805		20	12.45	1365	<1	0.43	1250	710	3	1.44	<5	17	288	<20	0.70	<10
H740806		20	11.25	1410	<1	0.49	2050	740	5	2.34	<5	18	307	<20	0.76	<10
H740807		10	2.90	554	6	1.12	750	290	19	0.61	7	10	171	<20	0.16	<10
H740808		30	9.81	1190	1	0.70	1830	890	7	3.98	<5	18	378	<20	0.77	<10
H740809		10	0.92	361	1	2.73	1240	540	40	2.02	<5	3	205	<20	0.19	<10
H740810		20	4.53	775	2	1.86	3840	760	58	3.70	<5	13	286	<20	0.60	<10
H740811		20	1.41	356	<1	2.43	104	680	14	0.25	<5	8	282	<20	0.22	<10
H740812		20	1.60	449	1	2.90	62	680	15	0.29	<5	12	363	<20	0.30	<10

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.
212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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	Au-AA25 Au ppm 0.01
H740784		<10	95	<10	99	0.002	0.0019	0.001				
H740785		<10	95	<10	73	0.003	0.0016	<0.001				
H740786		<10	264	<10	107	0.002	0.0078	0.005				
H740787		<10	40	<10	35	0.017	0.0126	0.014				
H740788		<10	254	<10	98	0.001	0.0054	<0.001				
H740789		10	71	<10	58	0.002	0.0055	0.003				
H740790		<10	71	<10	38	0.002	0.0015	<0.001				
H740791		<10	76	<10	33	0.002	0.0021	0.001				
H740792		<10	88	<10	36	0.001	0.0033	0.002				
H740793		<10	212	<10	73	0.002	0.0032	0.002				
H740794		<10	106	<10	42	0.002	0.0017	0.001				
H740795		10	42	<10	15	0.003	0.0225	0.019				
H740796		<10	169	<10	289	0.010	0.192	0.165				
H740797		<10	16	<10	26	0.002	<0.0005	<0.001				
H740798		<10	161	<10	96	0.005	0.0516	0.044				
H740799		<10	154	<10	97	0.007	0.109	0.092				
H740800		<10	151	<10	98	0.019	0.366	0.337				
H740801		<10	150	<10	100	0.031	0.534	0.498				
H740802		<10	152	<10	100	0.031	0.465	0.422				
H740803		<10	157	<10	98	0.012	0.164	0.139				
H740804		<10	163	<10	105	0.011	0.141	0.115				
H740805		<10	169	<10	99	0.025	0.474	0.414				
H740806		<10	179	<10	100	0.122	>1.00	>1.00	0.11	1.87	1.71	
H740807		<10	65	<10	41	>1.00	>1.00	>1.00	NSS	NSS	NSS	1.12
H740808		<10	202	<10	108	0.051	>1.00	>1.00	0.05	1.01	0.95	
H740809		10	34	<10	392	0.027	0.922	0.918				
H740810		<10	134	10	1400	0.103	>1.00	>1.00	0.10	2.88	2.99	
H740811		<10	67	<10	49	0.046	0.456	0.350				
H740812		<10	101	<10	69	0.001	0.0032	0.002				

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

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

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Finalized Date: 23-JUN-2009
Account: MGMAM

CERTIFICATE TB09061451

Project: SD09-118 BL

P.O. No.:

This report is for 29 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 18-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740784		4.28	<0.5	7.83	5	420	2.8	<2	1.03	<0.5	17	99	25	4.00	20	2.01
H740785		4.22	<0.5	7.50	9	380	2.7	<2	0.86	<0.5	18	74	26	4.16	20	1.81
H740786		3.66	<0.5	7.50	11	240	1.7	<2	3.97	<0.5	46	20	33	9.11	20	0.69
H740787		0.10	1.4	6.08	<5	810	0.7	2	1.33	<0.5	80	109	3360	4.77	10	2.52
H740788		4.24	<0.5	7.44	20	220	1.8	<2	3.66	<0.5	48	20	56	8.77	20	0.54
H740789		5.06	<0.5	7.18	12	650	2.6	<2	0.54	<0.5	18	84	32	5.35	20	2.32
H740790		5.00	<0.5	7.95	7	610	1.8	<2	1.52	<0.5	16	87	25	3.52	20	2.27
H740791		3.34	<0.5	7.67	12	810	1.6	<2	1.20	<0.5	19	88	19	3.86	20	2.25
H740792		3.27	<0.5	7.70	18	650	1.9	<2	0.83	<0.5	19	90	13	4.12	20	2.15
H740793		3.73	<0.5	7.99	11	110	2.0	<2	3.24	<0.5	37	6	106	7.72	20	0.21
H740794		2.73	<0.5	7.41	8	520	2.6	<2	0.54	<0.5	21	121	32	4.38	20	2.02
H740795		3.77	68.1	3.61	15	410	1.2	2	0.65	<0.5	10	74	16	2.28	10	1.34
H740796		2.98	4.4	3.64	22	80	1.1	<2	4.08	<0.5	89	1080	361	8.67	10	0.31
H740797		0.08	<0.5	6.17	<5	880	0.9	<2	1.28	<0.5	3	18	18	1.51	10	2.04
H740798		4.38	<0.5	3.19	11	360	0.8	<2	3.69	<0.5	97	1320	133	9.14	10	0.41
H740799		4.49	<0.5	2.74	5	230	0.7	<2	3.27	<0.5	105	1710	166	9.34	10	0.37
H740800		4.43	0.8	2.68	6	130	0.6	<2	3.22	<0.5	113	2280	699	9.44	10	0.39
H740801		4.90	0.7	2.67	<5	120	0.6	3	3.23	<0.5	121	2550	1050	9.72	10	0.39
H740802		4.48	0.8	2.72	14	130	0.6	2	3.27	<0.5	112	2990	839	9.38	10	0.38
H740803		2.31	0.5	2.83	41	170	0.6	3	3.55	<0.5	101	2870	334	9.07	10	0.31
H740804		2.22	0.7	3.02	36	200	0.7	<2	3.19	<0.5	98	2640	291	9.00	10	0.33
H740805		2.20	0.5	3.17	19	220	0.7	<2	3.44	<0.5	113	2440	866	9.68	10	0.38
H740806		2.46	1.5	3.35	24	110	0.8	<2	3.66	<0.5	144	1640	3390	10.80	10	0.43
H740807		0.10	0.6	8.75	765	260	<0.5	<2	5.39	<0.5	31	487	256	5.27	10	0.81
H740808		2.09	1.9	3.84	44	150	0.9	5	3.77	<0.5	140	1310	2120	10.60	10	0.64
H740809		1.37	1.2	5.96	94	220	3.2	7	1.31	1.5	65	30	1820	3.21	30	1.53
H740810		1.99	4.1	6.00	41	180	2.5	2	2.67	4.3	165	575	4920	9.78	20	0.95
H740811		4.21	<0.5	7.46	14	530	5.2	5	0.87	<0.5	13	85	523	3.14	20	2.42
H740812		4.25	<0.5	8.32	7	570	5.3	2	0.98	<0.5	19	101	17	3.88	20	2.10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740784		20	1.74	563	<1	2.44	56	670	9	0.36	<5	11	302	<20	0.30	<10
H740785		20	1.72	477	1	2.47	40	810	15	1.69	<5	10	241	<20	0.40	<10
H740786		40	2.64	1090	<1	2.97	43	1650	7	2.20	<5	15	334	<20	1.71	<10
H740787		10	0.88	394	26	1.54	2490	340	9	2.05	<5	3	431	<20	0.10	<10
H740788		40	2.56	1135	1	2.82	33	1600	8	3.53	<5	15	360	<20	1.64	<10
H740789		20	2.39	491	2	1.39	57	660	31	1.90	<5	8	155	<20	0.24	<10
H740790		20	1.38	389	<1	2.36	42	680	18	0.45	<5	8	355	<20	0.26	<10
H740791		20	1.57	374	<1	2.70	47	740	8	0.76	<5	9	308	<20	0.26	<10
H740792		20	1.78	423	<1	2.50	49	780	11	1.28	<5	10	270	<20	0.30	<10
H740793		50	2.57	653	1	3.73	12	2000	12	2.07	<5	16	216	<20	1.64	<10
H740794		20	2.18	378	<1	2.81	72	930	<2	0.46	<5	12	260	<20	0.36	<10
H740795		10	0.92	161	1	1.25	30	410	288	0.86	<5	5	79	<20	0.20	<10
H740796		20	10.50	1370	2	0.69	658	740	505	0.42	<5	18	197	<20	0.81	<10
H740797		10	0.20	555	<1	2.55	1	170	9	<0.01	<5	4	165	<20	0.11	<10
H740798		20	11.85	1355	<1	0.45	709	710	<2	0.20	<5	16	348	<20	0.76	<10
H740799		20	13.30	1370	<1	0.35	864	690	2	0.14	<5	16	247	<20	0.73	<10
H740800		20	13.35	1315	<1	0.35	1130	650	3	0.34	<5	15	274	<20	0.71	<10
H740801		20	13.70	1340	<1	0.33	1360	630	3	0.47	<5	15	285	<20	0.69	<10
H740802		20	13.10	1295	1	0.39	1270	620	2	1.19	<5	15	279	<20	0.65	<10
H740803		20	12.90	1280	5	0.31	982	720	4	2.25	<5	15	299	<20	0.58	<10
H740804		20	12.50	1320	11	0.31	945	740	60	2.15	<5	16	245	<20	0.62	<10
H740805		20	12.45	1365	<1	0.43	1250	710	3	1.44	<5	17	288	<20	0.70	<10
H740806		20	11.25	1410	<1	0.49	2050	740	5	2.34	<5	18	307	<20	0.76	<10
H740807		10	2.90	554	6	1.12	750	290	19	0.61	7	10	171	<20	0.16	<10
H740808		30	9.81	1190	1	0.70	1830	890	7	3.98	<5	18	378	<20	0.77	<10
H740809		10	0.92	361	1	2.73	1240	540	40	2.02	<5	3	205	<20	0.19	<10
H740810		20	4.53	775	2	1.86	3840	760	58	3.70	<5	13	286	<20	0.60	<10
H740811		20	1.41	356	<1	2.43	104	680	14	0.25	<5	8	282	<20	0.22	<10
H740812		20	1.60	449	1	2.90	62	680	15	0.29	<5	12	363	<20	0.30	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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	Au-AA25 Au ppm 0.01
H740784		<10	95	<10	99	0.002	0.0019	0.001				
H740785		<10	95	<10	73	0.003	0.0016	<0.001				
H740786		<10	264	<10	107	0.002	0.0078	0.005				
H740787		<10	40	<10	35	0.017	0.0126	0.014				
H740788		<10	254	<10	98	0.001	0.0054	<0.001				
H740789		10	71	<10	58	0.002	0.0055	0.003				
H740790		<10	71	<10	38	0.002	0.0015	<0.001				
H740791		<10	76	<10	33	0.002	0.0021	0.001				
H740792		<10	88	<10	36	0.001	0.0033	0.002				
H740793		<10	212	<10	73	0.002	0.0032	0.002				
H740794		<10	106	<10	42	0.002	0.0017	0.001				
H740795		10	42	<10	15	0.003	0.0225	0.019				
H740796		<10	169	<10	289	0.010	0.192	0.165				
H740797		<10	16	<10	26	0.002	<0.0005	<0.001				
H740798		<10	161	<10	96	0.005	0.0516	0.044				
H740799		<10	154	<10	97	0.007	0.109	0.092				
H740800		<10	151	<10	98	0.019	0.366	0.337				
H740801		<10	150	<10	100	0.031	0.534	0.498				
H740802		<10	152	<10	100	0.031	0.465	0.422				
H740803		<10	157	<10	98	0.012	0.164	0.139				
H740804		<10	163	<10	105	0.011	0.141	0.115				
H740805		<10	169	<10	99	0.025	0.474	0.414				
H740806		<10	179	<10	100	0.122	>1.00	>1.00	0.11	1.87	1.71	
H740807		<10	65	<10	41	>1.00	>1.00	>1.00	NSS	NSS	NSS	1.12
H740808		<10	202	<10	108	0.051	>1.00	>1.00	0.05	1.01	0.95	
H740809		10	34	<10	392	0.027	0.922	0.918				
H740810		<10	134	10	1400	0.103	>1.00	>1.00	0.10	2.88	2.99	
H740811		<10	67	<10	49	0.046	0.456	0.350				
H740812		<10	101	<10	69	0.001	0.0032	0.002				

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-118 BL

CERTIFICATE OF ANALYSIS TB09061451

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

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

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

Finalized Date: 25-JUN-2009
Account: MGMAM

CERTIFICATE TB09061450

Project: SD09-119 BL

P.O. No.:

This report is for 30 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 18-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-119 BL

CERTIFICATE OF ANALYSIS TB09061450

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740813		2.60	<0.5	7.41	<5	270	2.4	<2	0.54	<0.5	19	107	50	4.11	20	1.41
H740814		5.11	<0.5	6.83	9	230	2.6	<2	0.44	<0.5	13	79	45	3.58	20	1.88
H740815		4.28	<0.5	6.82	7	220	2.8	<2	0.29	<0.5	4	43	14	2.44	20	1.99
H740816		3.73	0.5	6.47	6	620	1.8	<2	0.27	<0.5	4	11	44	1.58	20	3.43
H740817		3.84	<0.5	6.95	5	330	1.8	<2	0.74	0.5	15	65	86	4.80	20	1.59
H740818		3.99	<0.5	6.94	5	400	2.0	<2	0.46	<0.5	15	81	44	3.96	20	1.72
H740819		6.00	<0.5	7.33	5	450	2.3	<2	0.80	<0.5	21	105	32	3.94	20	1.67
H740820		0.10	1.7	6.17	<5	820	0.7	<2	1.34	<0.5	82	105	3410	4.78	10	2.54
H740821		4.25	<0.5	7.04	13	390	1.9	<2	1.78	<0.5	29	80	14	5.78	20	1.27
H740822		3.16	<0.5	7.56	10	600	1.7	<2	1.25	<0.5	24	99	19	4.95	20	2.21
H740823		3.77	<0.5	7.61	14	700	1.6	<2	0.88	<0.5	21	117	119	4.20	20	2.30
H740824		4.08	<0.5	7.55	9	700	1.5	<2	0.89	<0.5	20	113	63	4.07	20	2.24
H740825		3.78	<0.5	7.12	6	510	1.4	<2	0.79	<0.5	20	115	46	4.18	20	1.95
H740826		4.05	<0.5	7.71	8	510	2.2	2	0.43	<0.5	17	112	2	3.76	20	2.15
H740827		3.77	<0.5	4.19	10	130	1.7	<2	1.31	<0.5	15	289	138	3.16	10	0.71
H740828		4.62	<0.5	3.19	7	170	0.7	<2	3.56	<0.5	99	1560	370	9.11	10	0.39
H740829		4.43	<0.5	2.79	35	130	0.6	<2	3.09	<0.5	109	2510	304	9.30	10	0.36
H740830		0.09	<0.5	6.18	<5	890	0.9	<2	1.30	<0.5	2	22	17	1.54	10	2.06
H740831		4.61	0.9	2.58	7	100	0.5	2	3.09	<0.5	123	2570	928	9.75	10	0.33
H740832		4.70	0.8	2.69	17	140	0.6	2	3.12	<0.5	123	2770	999	9.87	10	0.38
H740833		4.56	3.0	2.95	6	160	0.7	3	3.28	<0.5	111	2710	581	9.54	10	0.62
H740834		4.26	<0.5	3.21	10	160	0.8	<2	3.12	<0.5	106	2540	428	9.39	10	0.57
H740835		4.58	<0.5	3.24	<5	120	0.7	<2	3.43	<0.5	100	2330	326	9.11	10	0.32
H740836		4.18	<0.5	3.63	11	160	0.8	<2	3.69	<0.5	94	1930	404	8.93	10	0.43
H740837		2.18	0.8	3.58	9	70	1.1	<2	3.14	<0.5	102	1920	1110	9.44	10	0.47
H740838		1.08	2.8	3.53	12	30	1.2	2	3.09	<0.5	176	1870	4050	12.00	10	0.33
H740839		1.31	23.0	1.91	50	20	0.8	<2	1.26	0.5	881	829	>10000	25.5	<10	0.30
H740840		0.10	1.1	8.48	804	260	<0.5	<2	5.38	<0.5	32	476	286	5.23	10	0.81
H740841		3.97	<0.5	7.40	10	450	1.7	<2	0.93	<0.5	21	139	93	4.66	20	2.33
H740842		4.18	<0.5	7.71	6	450	1.6	<2	0.82	<0.5	21	130	39	4.36	20	2.27

***** See Appendix Page for comments regarding this certificate *****

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ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-119 BL

CERTIFICATE OF ANALYSIS TB09061450

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740813		10	2.10	481	<1	2.69	57	630	4	0.43	<5	11	126	<20	0.30	<10
H740814		10	1.67	348	1	1.95	41	600	14	1.17	<5	8	80	<20	0.21	<10
H740815		10	1.10	202	1	2.47	18	530	18	1.02	<5	4	98	<20	0.11	<10
H740816		10	0.59	109	<1	2.20	8	600	20	0.83	<5	4	151	<20	0.04	<10
H740817		10	1.47	233	3	3.29	41	600	16	3.79	<5	12	128	<20	0.31	<10
H740818		10	1.84	343	1	2.88	49	550	15	2.18	<5	11	147	<20	0.27	<10
H740819		20	2.10	478	1	2.76	64	730	8	1.10	<5	12	207	<20	0.36	<10
H740820		10	0.88	394	27	1.56	2520	330	8	2.12	<5	3	437	<20	0.10	<10
H740821		30	2.39	492	1	2.88	55	1250	7	1.50	<5	14	161	<20	0.89	<10
H740822		30	1.78	410	<1	2.86	62	990	3	0.85	<5	14	198	<20	0.60	<10
H740823		20	1.57	356	<1	2.89	61	720	3	0.64	<5	12	271	<20	0.35	<10
H740824		20	1.57	386	<1	2.63	56	710	4	0.66	<5	11	273	<20	0.33	<10
H740825		20	1.67	407	<1	2.62	62	710	7	0.63	<5	11	257	<20	0.33	<10
H740826		20	1.80	326	<1	3.08	59	840	2	0.72	<5	12	188	<20	0.35	<10
H740827		10	1.80	354	1	1.40	125	540	27	0.37	<5	8	62	<20	0.31	<10
H740828		20	12.50	1345	<1	0.39	905	690	9	0.26	<5	16	231	<20	0.78	<10
H740829		20	13.50	1335	<1	0.22	1040	620	2	0.97	<5	15	152	<20	0.70	<10
H740830		10	0.22	563	<1	2.59	2	190	8	<0.01	<5	4	170	<20	0.11	<10
H740831		20	14.55	1330	<1	0.27	1390	550	4	0.41	<5	14	240	<20	0.67	<10
H740832		20	14.40	1385	<1	0.44	1450	630	6	0.66	<5	15	295	<20	0.68	<10
H740833		20	13.70	1355	1	0.61	1200	760	4	0.60	<5	16	326	<20	0.75	<10
H740834		20	13.20	1360	1	0.61	1070	740	4	0.44	<5	16	297	<20	0.79	<10
H740835		20	12.95	1265	<1	0.53	978	710	<2	0.17	<5	16	282	<20	0.79	<10
H740836		20	11.30	1265	<1	0.56	876	780	2	0.26	<5	17	273	<20	0.88	<10
H740837		30	11.35	1420	<1	0.49	1100	930	7	0.75	<5	17	263	<20	0.85	<10
H740838		20	11.40	1395	<1	0.50	2800	930	12	3.19	<5	18	276	<20	0.85	<10
H740839		10	5.03	726	<1	0.24	>10000	230	56	>10.0	<5	11	55	<20	0.45	<10
H740840		10	2.87	555	5	1.13	758	280	20	0.64	8	9	168	<20	0.16	<10
H740841		30	1.77	423	<1	1.80	94	580	13	1.07	<5	13	207	<20	0.31	<10
H740842		30	1.62	419	1	1.83	73	580	14	0.52	<5	15	246	<20	0.34	<10

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-119 BL

CERTIFICATE OF ANALYSIS TB09061450

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Ni-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	Au-AA25	S-IR08
	Analyte	U	V	W	Zn	Cu	Ni	Au	Pt	Pd	Au	Pt	Pd	Au	S
	Units	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	1	10	2	0.001	0.001	0.001	0.0005	0.001	0.03	0.03	0.03	0.01	0.01
H740813		<10	99	<10	96			<0.001	0.0015	0.001					
H740814		<10	66	<10	76			<0.001	0.0011	0.001					
H740815		10	34	<10	38			<0.001	0.0006	0.001					
H740816		10	11	<10	42			0.001	0.0009	0.001					
H740817		10	79	<10	160			<0.001	0.0010	0.001					
H740818		10	88	<10	136			0.001	0.0016	0.001					
H740819		10	116	<10	87			0.002	0.0018	0.002					
H740820		<10	40	<10	38			0.014	0.0117	0.016					
H740821		<10	163	<10	74			<0.001	0.0015	0.001					
H740822		<10	135	<10	59			<0.001	0.0016	0.001					
H740823		<10	107	<10	46			<0.001	0.0014	0.001					
H740824		<10	105	<10	43			<0.001	0.0013	0.001					
H740825		<10	101	<10	44			<0.001	0.0012	0.001					
H740826		10	107	<10	41			<0.001	0.0021	0.002					
H740827		<10	73	<10	83			0.002	0.102	0.082					
H740828		<10	161	<10	95			0.015	0.264	0.240					
H740829		<10	154	<10	100			0.009	0.185	0.166					
H740830		<10	16	<10	26			<0.001	0.0006	0.001					
H740831		<10	146	<10	99			0.030	0.512	0.472					
H740832		<10	151	<10	104			0.029	0.516	0.464					
H740833		<10	162	<10	102			0.016	0.269	0.244					
H740834		<10	169	<10	102			0.013	0.201	0.182					
H740835		<10	168	<10	99			0.011	0.173	0.144					
H740836		<10	182	<10	92			0.012	0.185	0.160					
H740837		<10	180	<10	105			0.040	0.578	0.537					
H740838		<10	185	<10	127			0.105	>1.00	>1.00	0.11	2.07	1.89		
H740839		<10	135	<10	97	4.03	2.61	0.541	>1.00	>1.00	0.63	14.85	15.80		19.05
H740840		<10	65	<10	41			>1.00	>1.00	>1.00	NSS	NSS	NSS	1.00	
H740841		<10	99	<10	50			0.010	0.0148	0.018					
H740842		<10	113	<10	66			0.004	0.0047	0.003					

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 25-JUN-2009
Account: MGMAM

Project: SD09-119 BL

CERTIFICATE OF ANALYSIS TB09061450

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

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

Finalized Date: 23-JUN-2009
This copy reported on 19-AUG-2009
Account: MGMAM

CERTIFICATE TB09061452

Project: SD09-120 BL

P.O. No.:

This report is for 27 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 18-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-120 BL

CERTIFICATE OF ANALYSIS TB09061452

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740843		4.49	<0.5	7.64	9	580	1.7	<2	0.90	<0.5	25	119	95	4.35	20	2.20
H740844		4.32	<0.5	7.07	11	460	2.1	2	0.66	<0.5	22	121	67	4.28	20	2.23
H740845		4.92	<0.5	2.82	9	140	0.9	2	1.18	<0.5	10	91	22	2.43	10	0.70
H740846		2.25	<0.5	3.04	8	170	1.1	5	0.40	<0.5	10	84	29	3.03	10	0.75
H740847		0.09	1.4	5.98	<5	800	0.7	3	1.33	<0.5	80	105	3380	4.73	10	2.52
H740848		2.59	<0.5	4.00	7	230	1.2	2	1.25	<0.5	15	113	73	3.47	10	1.03
H740849		3.67	<0.5	5.69	14	150	1.5	<2	4.02	<0.5	40	296	142	7.08	20	0.60
H740850		4.23	0.5	4.29	8	90	0.9	<2	4.11	<0.5	83	1410	373	9.08	10	0.33
H740851		2.36	0.8	3.88	<5	130	0.7	<2	4.23	<0.5	97	1760	560	9.57	10	0.31
H740852		2.21	1.2	3.88	13	140	0.8	<2	3.35	<0.5	131	1950	2230	10.05	10	0.34
H740853		2.39	4.2	3.22	13	120	0.8	3	2.74	0.5	194	2100	6880	12.00	10	0.31
H740854		2.21	0.8	2.99	<5	150	0.7	2	2.48	<0.5	121	2330	960	9.84	10	0.35
H740855		2.20	0.7	2.87	<5	130	0.7	2	2.31	<0.5	124	2570	720	10.15	10	0.38
H740856		2.07	<0.5	2.94	17	100	0.7	2	2.49	<0.5	115	2420	423	10.05	10	0.42
H740857		0.09	<0.5	6.14	<5	880	0.9	<2	1.29	<0.5	3	23	18	1.53	10	2.05
H740858		2.15	<0.5	3.18	18	100	0.8	<2	2.53	<0.5	111	2500	394	9.68	10	0.46
H740859		2.37	0.5	2.83	38	70	1.0	<2	2.45	<0.5	107	2240	418	9.47	10	0.53
H740860		2.23	<0.5	3.26	13	90	0.8	2	2.19	<0.5	115	2410	582	9.84	10	0.48
H740861		2.33	<0.5	3.70	10	90	0.9	2	2.44	<0.5	107	2150	374	9.82	10	0.52
H740862		0.10	19.9	7.00	187	450	0.7	<2	3.28	3.0	15	103	335	4.32	10	0.83
H740863		2.84	<0.5	4.29	10	90	1.1	3	2.77	<0.5	98	1615	331	9.83	10	0.47
H740864		4.38	<0.5	7.28	9	300	1.8	2	1.14	<0.5	26	94	51	5.77	20	1.12
H740865		3.53	<0.5	4.68	8	60	1.1	2	3.13	0.9	86	1560	185	9.61	10	0.39
H740866		4.42	<0.5	7.66	<5	200	1.8	2	3.09	<0.5	45	24	44	8.86	20	0.58
H740867		3.75	<0.5	7.70	<5	230	2.0	2	2.33	<0.5	39	34	47	8.15	20	0.78
H740868		5.24	<0.5	7.45	<5	540	1.8	<2	1.04	0.5	24	121	33	4.46	20	2.09
H740869		5.43	<0.5	7.68	<5	450	2.2	<2	1.09	0.5	21	118	41	4.91	20	1.84

Comments: **CORRECTED COPY FOR PGM-MS23 ON SAMPLES H740858 TO H740866**

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-120 BL

CERTIFICATE OF ANALYSIS TB09061452

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H740843		30	2.06	562	<1	2.40	84	790	10	1.00	<5	16	203	<20	0.38	<10
H740844		20	2.21	484	1	2.18	92	810	11	1.40	<5	12	164	<20	0.34	<10
H740845		10	1.04	184	105	1.05	39	410	2	1.25	<5	6	37	<20	0.29	<10
H740846		10	1.28	161	15	1.06	36	480	4	1.69	<5	7	39	<20	0.31	<10
H740847		10	0.88	391	25	1.54	2450	330	8	2.09	<5	3	435	<20	0.10	<10
H740848		10	1.60	250	2	1.43	46	640	4	1.82	<5	10	67	<20	0.47	<10
H740849		30	4.55	1390	1	2.22	130	1100	11	1.35	<5	23	336	<20	1.09	<10
H740850		30	10.05	1730	1	0.89	682	880	6	1.01	<5	20	279	<20	0.98	<10
H740851		20	11.30	1330	<1	0.76	875	910	4	0.67	<5	18	422	<20	0.94	<10
H740852		20	11.20	1280	1	0.77	1910	800	5	1.48	<5	15	379	<20	0.86	<10
H740853		20	11.25	1310	1	0.67	3660	640	6	3.24	<5	14	290	<20	0.75	<10
H740854		20	13.30	1385	<1	0.59	1350	650	2	0.97	<5	14	261	<20	0.68	<10
H740855		20	14.20	1435	<1	0.57	1310	670	4	1.47	<5	14	224	<20	0.69	<10
H740856		20	13.25	1320	1	0.58	1140	530	5	3.06	<5	16	235	<20	0.75	<10
H740857		10	0.22	558	<1	2.57	3	180	6	0.01	<5	4	170	<20	0.11	<10
H740858		20	12.75	1225	<1	0.65	1140	670	5	2.75	<5	15	226	<20	0.75	<10
H740859		10	13.10	1350	<1	0.48	1140	310	8	3.60	<5	16	165	<20	0.67	<10
H740860		20	12.80	1385	<1	0.55	1180	680	6	1.91	<5	16	221	<20	0.79	<10
H740861		20	12.05	1390	<1	0.54	946	840	6	1.37	<5	15	212	<20	0.86	<10
H740862		10	1.48	752	188	2.04	108	530	266	0.25	11	13	259	<20	0.31	<10
H740863		20	10.85	1460	<1	0.74	806	970	7	0.95	<5	16	227	<20	1.03	<10
H740864		30	2.55	464	<1	3.31	68	1010	21	3.21	<5	12	265	<20	0.57	<10
H740865		20	9.90	1440	<1	1.23	703	930	10	1.30	<5	18	212	<20	1.07	<10
H740866		40	3.33	1105	<1	3.54	31	1760	10	2.03	<5	15	610	<20	1.71	<10
H740867		40	2.79	785	<1	3.71	35	1630	7	2.63	<5	14	453	<20	1.42	<10
H740868		20	1.85	340	<1	2.47	76	820	20	1.17	<5	15	292	<20	0.39	<10
H740869		20	1.92	478	<1	2.18	72	880	13	0.56	<5	13	297	<20	0.34	<10

Comments: **CORRECTED COPY FOR PGM-MS23 ON SAMPLES H740858 TO H740866**

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

Finalized Date: 23-JUN-2009
Account: MGMAM

Project: SD09-120 BL

CERTIFICATE OF ANALYSIS TB09061452

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740843		<10	134	<10	74	0.001	0.0015	<0.001			
H740844		<10	106	<10	66	0.003	0.0014	0.001			
H740845		<10	61	<10	19	0.003	0.0277	0.019			
H740846		<10	66	<10	21	0.004	0.0252	0.017			
H740847		<10	40	<10	35	0.015	0.0095	0.012			
H740848		<10	99	10	28	0.004	0.0194	0.013			
H740849		<10	226	<10	114	0.004	0.0201	0.012			
H740850		<10	212	<10	123	0.009	0.143	0.122			
H740851		<10	202	<10	101	0.017	0.243	0.223			
H740852		<10	180	<10	99	0.039	0.774	0.770			
H740853		<10	168	<10	102	0.123	>1.00	>1.00	0.18	2.90	2.71
H740854		<10	158	<10	105	0.020	0.288	0.264			
H740855		<10	161	<10	116	0.013	0.175	0.157			
H740856		<10	170	<10	135	0.011	0.158	0.130			
H740857		10	16	<10	25	0.002	0.0005	<0.001			
H740858		<10	174	<10	116	0.009	0.1090	0.103			
H740859		<10	166	<10	171	0.011	0.1460	0.143			
H740860		<10	177	<10	117	0.015	0.1830	0.179			
H740861		<10	183	<10	131	0.011	0.1160	0.117			
H740862		<10	108	<10	374	0.508	0.0918	0.451			
H740863		<10	192	<10	128	0.013	0.0916	0.103			
H740864		<10	119	<10	97	0.005	0.0058	0.006			
H740865		<10	199	<10	309	0.004	0.0356	0.035			
H740866		<10	240	<10	118	0.002	0.0013	0.001			
H740867		<10	221	<10	110	0.001	0.0007	<0.001			
H740868		<10	132	<10	84	0.003	0.0016	0.001			
H740869		<10	111	<10	78	0.002	0.0013	<0.001			

Comments: **CORRECTED COPY FOR PGM-MS23 ON SAMPLES H740858 TO H740866**

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

Finalized Date: 2-JUL-2009
Account: MGMAM

CERTIFICATE TB09063106

Project: SD09-121 BL

P.O. No.:

This report is for 12 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-121 BL

CERTIFICATE OF ANALYSIS TB09063106

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740870		4.04	<0.5	6.52	8	420	1.4	2	0.30	<0.5	2	42	6	0.80	20	3.67
H740871		0.09	<0.5	6.70	6	940	1.0	2	1.43	<0.5	2	21	16	1.59	10	2.20
H740872		3.78	<0.5	6.69	<5	690	1.5	<2	0.27	<0.5	1	21	2	0.86	20	4.53
H740873		1.94	<0.5	6.24	6	310	1.8	<2	3.75	<0.5	68	358	82	9.02	20	0.83
H740874		2.26	<0.5	7.66	<5	760	1.9	<2	3.11	<0.5	60	18	32	10.30	20	1.89
H740875		0.10	15.9	7.15	210	460	0.7	<2	3.32	3.0	14	108	343	4.38	10	0.84
H740876		2.68	<0.5	7.22	<5	690	1.8	<2	3.13	<0.5	76	72	39	13.15	20	1.55
H740877		2.25	<0.5	7.23	<5	470	1.8	<2	3.42	<0.5	68	57	35	12.25	20	1.16
H740878		2.30	<0.5	7.28	6	490	1.9	<2	3.15	<0.5	66	50	33	11.50	20	1.06
H740879		2.51	<0.5	7.38	7	400	2.0	<2	2.82	<0.5	44	13	33	8.64	20	0.77
H740880		4.16	<0.5	6.44	<5	450	1.5	3	0.36	<0.5	1	10	3	0.84	20	3.65
H740881		4.14	<0.5	6.58	<5	370	2.2	2	0.50	<0.5	1	10	6	0.84	20	3.16

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

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-121 BL

CERTIFICATE OF ANALYSIS TB09063106

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740870		20	0.22	44	1	2.29	7	310	518	0.48	<5	3	159	20	0.06	10
H740871		10	0.22	583	<1	2.73	3	180	2	0.01	<5	5	180	<20	0.12	<10
H740872		30	0.31	76	3	1.71	4	290	16	0.39	<5	3	225	20	0.06	<10
H740873		30	6.02	1410	1	1.83	221	1470	10	1.82	<5	15	338	<20	1.48	<10
H740874		40	3.81	1970	1	2.13	47	1640	6	0.84	<5	13	612	<20	1.86	<10
H740875		10	1.49	766	185	2.04	118	560	257	0.26	7	13	263	<20	0.32	<10
H740876		30	3.61	2030	1	2.10	76	1630	11	1.20	<5	15	560	<20	2.15	<10
H740877		40	3.39	1750	1	2.41	62	1720	7	0.71	<5	14	542	<20	2.00	<10
H740878		40	3.30	1400	1	2.46	58	1620	16	1.50	<5	13	484	<20	1.96	<10
H740879		40	2.97	934	1	2.93	22	1770	21	3.63	<5	14	404	<20	1.57	<10
H740880		20	0.15	57	3	2.40	1	300	23	0.47	<5	3	104	<20	0.06	<10
H740881		20	0.22	86	2	2.52	1	290	22	0.22	<5	2	95	<20	0.04	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-121 BL

CERTIFICATE OF ANALYSIS TB09063106

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H740870		10	8	<10	4	0.002	0.0052	0.008
H740871		<10	16	<10	27	0.002	0.0011	<0.001
H740872		20	6	<10	6	0.002	0.0015	0.002
H740873		<10	255	<10	152	0.002	0.0099	0.011
H740874		<10	319	<10	164	0.002	0.0054	0.020
H740875		10	109	<10	407	0.452	0.0955	0.408
H740876		<10	456	<10	195	0.005	0.0043	0.012
H740877		<10	405	<10	178	0.003	0.0012	0.001
H740878		<10	389	<10	154	0.002	0.0009	0.001
H740879		<10	241	<10	129	0.002	0.0006	0.001
H740880		30	7	<10	6	0.002	<0.0005	0.001
H740881		40	5	<10	11	0.002	<0.0005	<0.001

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

Finalized Date: 30-JUN-2009
Account: MGMAM

CERTIFICATE TB09063104

Project: SD09-122 BL

P.O. No.:

This report is for 17 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 30-JUN-2009
Account: MGMAM

Project: SD09-122 BL

CERTIFICATE OF ANALYSIS TB09063104

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H740882		4.31	<0.5	8.07	6	610	2.0	<2	1.53	<0.5	23	126	39	4.05	20	1.63
H740883		4.99	<0.5	7.55	10	610	2.1	<2	1.35	<0.5	24	114	29	4.09	20	1.49
H740884		0.09	<0.5	6.14	8	890	1.0	2	1.32	<0.5	3	21	17	1.51	10	2.07
H740885		3.21	<0.5	7.07	19	490	1.8	<2	3.63	<0.5	47	96	92	7.82	20	0.88
H740886		2.35	<0.5	4.56	10	200	1.2	<2	4.97	<0.5	93	728	804	9.57	10	0.42
H740887		2.29	<0.5	4.05	10	310	1.1	<2	5.01	<0.5	100	1240	404	9.60	10	0.30
H740888		0.10	<0.5	8.21	781	260	<0.5	<2	5.36	<0.5	31	479	252	5.18	10	0.78
H740889		2.35	<0.5	3.96	13	120	1.0	<2	4.64	1.1	95	1590	353	9.62	10	0.28
H740890		2.14	<0.5	3.82	6	150	0.9	<2	4.69	0.5	95	1740	314	9.33	10	0.30
H740891		2.25	0.5	3.84	14	170	0.9	<2	4.31	<0.5	90	1710	274	9.00	10	0.32
H740892		2.50	<0.5	3.84	<5	420	0.9	<2	4.32	<0.5	91	1850	241	8.91	10	0.36
H740893		2.45	<0.5	3.96	<5	180	0.9	<2	4.42	0.7	89	1870	215	8.90	10	0.32
H740894		0.10	1.3	5.92	<5	590	0.7	<2	1.34	<0.5	81	109	3350	4.67	10	2.49
H740895		3.47	<0.5	4.11	7	140	1.1	<2	4.37	<0.5	83	1750	360	8.73	10	0.32
H740896		4.52	<0.5	4.22	15	170	1.2	<2	4.64	<0.5	77	1340	264	8.55	10	0.38
H740897		4.53	<0.5	7.64	6	740	1.5	<2	1.48	<0.5	20	120	21	4.07	20	1.57
H740898		4.61	<0.5	7.40	8	480	1.6	<2	1.65	<0.5	24	134	63	4.93	20	1.42

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

Finalized Date: 30-JUN-2009
Account: MGMAM

Project: SD09-122 BL

CERTIFICATE OF ANALYSIS TB09063104

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740882		30	1.75	517	<1	2.88	71	830	13	0.73	<5	15	454	<20	0.35	<10
H740883		30	1.84	397	<1	2.88	66	900	13	1.01	<5	14	393	<20	0.44	<10
H740884		10	0.20	557	<1	2.60	2	180	5	0.01	<5	4	175	<20	0.12	<10
H740885		40	3.36	1065	<1	2.89	65	1680	6	2.16	<5	18	428	<20	1.50	<10
H740886		20	8.37	1555	1	0.98	682	930	16	1.12	<5	22	422	<20	1.09	<10
H740887		20	9.26	1520	<1	0.86	605	960	72	1.15	<5	20	326	<20	1.03	<10
H740888		<10	2.84	543	6	1.08	735	290	18	0.62	11	9	171	<20	0.16	<10
H740889		20	10.30	1440	<1	0.73	706	970	198	0.86	<5	20	265	<20	1.05	<10
H740890		20	10.60	1165	<1	0.70	718	940	58	0.60	<5	18	379	<20	0.96	<10
H740891		20	11.00	1205	<1	0.68	729	890	46	0.26	<5	18	361	<20	0.97	<10
H740892		20	11.10	1280	<1	0.77	726	940	4	0.22	<5	19	427	<20	0.98	<10
H740893		20	11.10	1245	<1	0.70	710	900	85	0.20	<5	19	356	<20	1.00	<10
H740894		10	0.91	395	25	1.54	2510	330	6	2.06	<5	3	441	<20	0.10	<10
H740895		20	10.50	1480	<1	0.84	715	1000	17	0.26	<5	19	324	<20	1.00	<10
H740896		30	8.93	1190	<1	1.25	571	1020	2	1.86	<5	20	350	<20	0.98	<10
H740897		30	1.82	509	<1	2.57	66	820	7	0.44	<5	12	459	<20	0.35	<10
H740898		30	2.07	660	<1	2.30	65	890	9	1.07	<5	12	373	<20	0.42	<10

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CERTIFICATE OF ANALYSIS TB09063104

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H740882		<10	128	<10	75	0.002	0.0029	0.002			
H740883		<10	130	<10	73	0.002	0.0025	0.002			
H740884		<10	15	<10	29	0.002	0.0009	0.001			
H740885		<10	218	<10	100	0.003	0.0074	0.005			
H740886		<10	212	<10	125	0.023	0.386	0.353			
H740887		<10	203	<10	131	0.012	0.172	0.143			
H740888		<10	63	10	44	0.984	>1.00	>1.00	1.00	1.19	4.65
H740889		<10	207	<10	207	0.014	0.119	0.105			
H740890		<10	193	<10	168	0.009	0.119	0.097			
H740891		<10	192	<10	107	0.008	0.0837	0.072			
H740892		<10	194	<10	104	0.009	0.0940	0.075			
H740893		<10	198	<10	122	0.009	0.0841	0.067			
H740894		10	39	<10	39	0.015	0.0101	0.013			
H740895		<10	198	<10	112	0.015	0.163	0.139			
H740896		<10	209	<10	129	0.009	0.0866	0.072			
H740897		<10	110	<10	58	0.002	0.0024	0.002			
H740898		<10	112	<10	86	0.002	0.0019	0.002			

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CERTIFICATE TB09063103

Project: SD09-123 BL

P.O. No.:

This report is for 42 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30-JUN-2009
Account: MGMAM

Project: SD09-123 BL

CERTIFICATE OF ANALYSIS TB09063103

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740899	4.98	<0.5	6.98	11	320	2.5	<2	0.90	<0.5	22	141	26	4.69	20	1.10
H740900	0.09	1.3	5.86	7	680	0.7	<2	1.34	<0.5	82	112	3320	4.69	10	2.50
H740901	4.65	<0.5	6.70	16	280	2.2	<2	1.03	<0.5	24	152	47	4.93	20	0.90
H740902	5.10	<0.5	6.78	6	490	2.3	<2	0.77	<0.5	23	131	56	4.52	20	1.48
H740903	4.18	<0.5	6.84	10	440	2.7	<2	1.11	<0.5	19	103	7	3.54	20	2.22
H740904	4.49	<0.5	6.76	13	370	2.8	<2	1.12	<0.5	27	154	105	5.31	20	1.50
H740905	4.26	<0.5	6.60	6	330	2.7	<2	1.51	<0.5	24	145	12	4.71	20	1.81
H740906	2.67	<0.5	6.63	32	320	3.0	<2	2.26	<0.5	40	131	65	6.10	20	1.35
H740907	2.52	<0.5	6.63	25	360	2.3	<2	2.16	<0.5	28	118	174	5.56	20	1.28
H740908	3.19	<0.5	2.94	7	40	1.2	<2	2.82	<0.5	18	181	81	2.87	10	0.18
H740909	3.01	<0.5	4.05	11	40	1.5	<2	4.43	<0.5	37	288	183	5.90	10	0.18
H740910	0.08	<0.5	6.23	<5	900	1.0	<2	1.34	<0.5	3	26	17	1.55	10	2.07
H740911	3.56	<0.5	3.49	28	60	1.0	<2	4.36	1.0	87	911	296	8.76	10	0.21
H740912	4.45	<0.5	3.06	24	150	0.8	<2	3.44	<0.5	96	1330	175	8.84	10	0.36
H740913	4.60	<0.5	3.00	13	150	0.7	<2	3.30	<0.5	106	1650	269	9.15	10	0.41
H740914	4.30	<0.5	3.05	8	160	0.8	<2	3.35	<0.5	107	1950	300	9.28	10	0.46
H740915	4.42	<0.5	2.83	20	120	0.8	<2	3.00	<0.5	110	1950	482	9.07	10	0.40
H740916	4.34	<0.5	2.82	7	110	0.7	<2	3.16	<0.5	113	2000	508	9.35	10	0.41
H740917	4.61	<0.5	2.83	10	120	0.7	<2	3.04	<0.5	109	2040	283	9.12	10	0.37
H740918	4.56	<0.5	2.83	12	100	0.8	<2	3.01	<0.5	109	2030	264	9.12	10	0.36
H740919	4.17	<0.5	2.89	12	130	0.7	<2	3.20	<0.5	109	2090	206	9.31	10	0.34
H740920	0.10	18.5	6.64	171	450	0.7	<2	3.23	2.9	15	107	333	4.18	20	0.84
H740921	3.12	<0.5	2.93	5	140	0.7	<2	3.39	<0.5	109	2040	242	9.32	10	0.37
H740922	2.14	<0.5	2.87	9	120	0.7	<2	3.31	<0.5	110	1990	522	9.32	10	0.29
H740923	1.35	1.7	2.53	10	80	0.6	<2	2.59	<0.5	143	2370	2740	10.25	10	0.23
H740924	2.21	1.4	3.10	5	140	0.7	<2	3.46	<0.5	135	1990	2410	10.25	10	0.29
H740925	2.15	<0.5	3.02	<5	240	0.8	<2	3.24	<0.5	112	2070	782	9.42	10	0.28
H740926	2.18	1.4	2.87	7	130	0.8	<2	2.99	<0.5	128	2040	2210	9.76	10	0.29
H740927	2.41	2.8	3.19	13	120	0.9	<2	2.88	0.9	151	1540	4330	10.40	10	0.27
H740928	2.25	2.0	2.70	17	50	0.6	<2	2.73	0.5	138	2130	3360	10.15	10	0.18
H740929	1.19	2.6	2.75	18	80	0.6	<2	2.83	0.7	165	1960	4450	10.85	10	0.19
H740930	0.99	2.6	2.75	17	80	0.6	<2	2.82	0.7	169	1960	4530	11.00	10	0.19
H740931	2.37	2.4	2.73	14	110	0.7	<2	2.76	0.8	161	1830	4330	10.65	10	0.21
H740932	2.41	2.0	2.91	15	100	0.7	<2	2.69	<0.5	155	2120	3860	10.55	10	0.23
H740933	2.36	1.2	3.07	<5	160	0.7	<2	2.92	<0.5	122	2290	1895	9.45	10	0.30
H740934	2.40	1.0	3.06	5	180	0.7	<2	3.39	<0.5	120	2000	1765	9.63	10	0.30
H740935	2.44	3.8	2.73	8	90	0.8	<2	2.48	0.5	235	2020	6460	12.95	10	0.26
H740936	2.53	6.3	2.88	14	30	0.7	7	2.67	0.6	265	1540	9740	13.65	10	0.17
H740937	0.09	0.6	8.00	773	260	<0.5	<2	5.38	<0.5	32	490	277	5.17	10	0.78
H740938	3.41	5.6	3.82	29	70	1.0	4	3.66	0.6	180	1260	8890	11.90	10	0.30

***** See Appendix Page for comments regarding this certificate *****

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THUNDER BAY ON P7B 6V1

Finalized Date: 30-JUN-2009
Account: MGMAM

Project: SD09-123 BL

CERTIFICATE OF ANALYSIS TB09063103

Method	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
Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740899	20	2.35	484	<1	2.60	67	960	25	1.98	<5	19	181	<20	0.52	<10
H740900	10	0.89	396	25	1.53	2510	340	6	2.06	<5	3	440	<20	0.10	<10
H740901	30	2.48	548	<1	2.85	69	930	9	2.13	<5	22	204	<20	0.53	<10
H740902	30	2.04	549	<1	2.50	69	850	16	1.94	<5	11	242	<20	0.34	<10
H740903	10	1.73	361	17	2.65	45	880	5	1.45	<5	10	184	<20	0.55	<10
H740904	20	2.93	478	<1	2.30	78	860	9	2.20	<5	15	143	<20	0.58	<10
H740905	20	2.54	490	1	2.40	69	940	9	1.79	<5	12	148	<20	0.53	<10
H740906	20	2.35	373	1	2.66	72	780	24	3.82	<5	16	173	<20	0.66	<10
H740907	20	2.40	340	1	2.96	63	780	17	2.95	<5	14	121	<20	0.58	<10
H740908	10	2.26	336	1	0.81	102	500	<2	0.33	<5	9	31	<20	0.41	<10
H740909	20	4.12	901	2	1.44	116	940	15	0.99	<5	20	108	<20	0.82	<10
H740910	10	0.21	570	<1	2.60	3	180	6	0.01	<5	5	175	<20	0.12	<10
H740911	20	12.00	1990	<1	0.46	643	820	49	0.17	<5	19	125	<20	0.83	<10
H740912	20	13.25	1350	<1	0.22	726	710	3	1.67	<5	15	165	<20	0.65	<10
H740913	20	13.55	1390	<1	0.36	850	700	<2	0.47	<5	15	254	<20	0.70	<10
H740914	20	13.40	1410	1	0.39	880	640	3	0.31	<5	15	259	<20	0.73	<10
H740915	20	13.45	1365	<1	0.26	923	650	3	0.74	<5	15	194	<20	0.69	<10
H740916	20	13.90	1335	<1	0.48	980	660	<2	0.24	<5	14	308	<20	0.68	<10
H740917	20	13.75	1365	<1	0.44	895	650	4	0.20	<5	14	282	<20	0.67	<10
H740918	20	13.55	1365	<1	0.47	883	590	4	0.29	<5	14	266	<20	0.66	<10
H740919	20	13.95	1385	<1	0.43	884	700	3	0.29	<5	15	287	<20	0.69	<10
H740920	10	1.50	731	191	2.05	110	540	250	0.26	7	13	257	<20	0.31	<10
H740921	20	13.85	1365	<1	0.50	876	680	2	0.14	<5	15	357	<20	0.73	<10
H740922	20	13.60	1375	<1	0.38	936	690	2	0.22	<5	16	242	<20	0.74	<10
H740923	10	13.60	1385	<1	0.32	1820	640	3	0.99	<5	14	187	<20	0.62	<10
H740924	20	12.95	1355	1	0.50	1510	760	6	0.87	<5	16	309	<20	0.78	<10
H740925	20	13.15	1330	2	0.47	998	710	3	0.29	<5	16	276	<20	0.75	<10
H740926	20	12.50	1300	30	0.46	1440	660	9	0.77	<5	15	246	<20	0.72	<10
H740927	20	12.00	1490	1	0.46	2090	580	10	2.08	<5	16	236	<20	0.71	<10
H740928	20	13.10	1355	<1	0.22	1800	650	7	1.48	<5	14	162	<20	0.64	<10
H740929	10	12.75	1335	<1	0.29	2270	760	4	1.74	<5	14	196	<20	0.68	<10
H740930	20	12.75	1330	<1	0.30	2450	750	4	1.93	<5	15	196	<20	0.68	<10
H740931	20	12.45	1335	<1	0.37	2230	670	7	2.88	<5	14	246	<20	0.60	<10
H740932	20	12.65	1360	<1	0.46	2250	660	4	1.92	<5	14	260	<20	0.69	<10
H740933	20	13.35	1285	<1	0.67	1410	670	5	0.59	<5	13	326	<20	0.67	<10
H740934	20	12.55	1295	<1	0.53	1270	660	6	0.60	<5	15	369	<20	0.74	<10
H740935	20	12.15	1185	<1	0.44	3630	590	14	3.30	<5	13	223	<20	0.59	<10
H740936	20	10.75	1095	<1	0.27	4340	810	11	4.07	<5	16	134	<20	0.71	<10
H740937	<10	2.83	546	6	1.08	750	280	18	0.63	6	9	172	<20	0.16	<10
H740938	20	9.67	1265	<1	0.82	3120	820	29	3.59	<5	18	191	<20	0.81	<10

***** See Appendix Page for comments regarding this certificate *****

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Project: SD09-123 BL

CERTIFICATE OF ANALYSIS TB09063103

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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	Au-AA25 Au ppm 0.01
H740899		10	126	<10	95	0.001	0.0025	0.002				
H740900		<10	39	<10	39	0.014	0.0109	0.014				
H740901		<10	124	<10	116	0.001	0.0022	0.002				
H740902		<10	102	<10	90	0.001	0.0019	0.002				
H740903		10	109	<10	44	0.002	0.0026	0.002				
H740904		10	139	<10	75	0.004	0.0046	0.003				
H740905		10	120	<10	69	0.002	0.0043	0.003				
H740906		10	145	<10	67	0.003	0.0035	0.002				
H740907		10	138	<10	65	0.003	0.0024	0.002				
H740908		<10	88	<10	43	0.004	0.0600	0.050				
H740909		<10	189	<10	109	0.005	0.0480	0.037				
H740910		10	16	<10	29	0.001	<0.0005	<0.001				
H740911		<10	168	<10	546	0.009	0.103	0.093				
H740912		<10	147	<10	107	0.006	0.0660	0.056				
H740913		<10	149	<10	102	0.010	0.0970	0.087				
H740914		<10	154	<10	106	0.008	0.106	0.095				
H740915		<10	147	<10	106	0.011	0.186	0.167				
H740916		<10	144	<10	101	0.010	0.155	0.140				
H740917		<10	144	<10	100	0.008	0.103	0.094				
H740918		<10	142	<10	104	0.007	0.0866	0.075				
H740919		<10	147	<10	103	0.006	0.0694	0.058				
H740920		<10	108	<10	382	0.492	0.103	0.441				
H740921		<10	151	<10	103	0.011	0.0760	0.067				
H740922		<10	151	<10	107	0.016	0.205	0.179				
H740923		<10	140	<10	104	0.084	>1.00	>1.00	0.09	1.36	1.26	
H740924		<10	161	<10	111	0.065	>1.00	0.954	0.06	0.97	0.89	
H740925		<10	157	<10	113	0.026	0.393	0.350				
H740926		<10	161	<10	116	0.058	0.853	0.845				
H740927		<10	154	<10	153	0.109	>1.00	>1.00	0.10	1.62	1.65	
H740928		<10	148	<10	115	0.103	>1.00	>1.00	0.10	1.33	1.32	
H740929		<10	150	<10	126	0.114	>1.00	>1.00	0.11	1.67	1.71	
H740930		<10	150	<10	125	0.108	>1.00	>1.00	0.11	1.74	1.78	
H740931		<10	145	<10	130	0.113	>1.00	>1.00	0.11	1.75	1.84	
H740932		<10	152	<10	109	0.099	>1.00	>1.00	0.10	1.68	1.65	
H740933		<10	146	<10	101	0.064	0.972	0.863				
H740934		<10	156	<10	107	0.054	0.833	0.763				
H740935		<10	145	<10	101	0.125	>1.00	>1.00	0.13	2.71	2.71	
H740936		<10	159	<10	87	0.245	>1.00	>1.00	0.25	4.32	4.26	
H740937		<10	63	<10	44	>1.00	>1.00	>1.00	1.46	1.19	4.64	NSS
H740938		<10	179	<10	160	0.210	>1.00	>1.00	0.23	3.89	3.84	

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 30-JUN-2009
Account: MGMAM

Project: SD09-123 BL

CERTIFICATE OF ANALYSIS TB09063103

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740939		3.81	<0.5	7.71	7	520	1.6	<2	0.68	<0.5	15	85	159	3.77	20	2.47
H740940		4.16	<0.5	7.71	9	520	2.4	<2	1.17	<0.5	20	110	52	4.22	20	2.27

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CERTIFICATE OF ANALYSIS TB09063103

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740939		20	2.04	418	<1	2.29	102	640	2	0.52	<5	10	183	<20	0.30	<10
H740940		20	1.83	364	1	2.47	65	830	9	1.35	<5	11	186	<20	0.33	<10

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Project: SD09-123 BL

CERTIFICATE OF ANALYSIS TB09063103

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	Au-AA25
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03	0.01
H740939		<10	85	<10	45	0.005	0.0733	0.063				
H740940		10	94	<10	47	0.004	0.0121	0.007				

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Finalized Date: 30-JUN-2009
Account: MGMAM

Project: SD09-123 BL

CERTIFICATE OF ANALYSIS TB09063103

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

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THUNDER BAY ON P7B 6V1

Finalized Date: 2-JUL-2009
Account: MGMAM

CERTIFICATE TB09063105

Project: SD09-124 BL

P.O. No.:

This report is for 33 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-JUN-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-124 BL

CERTIFICATE OF ANALYSIS TB09063105

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H740941		4.01	<0.5	6.98	15	450	2.3	<2	0.68	<0.5	21	102	13	5.27	20	2.26
H740942		4.34	<0.5	6.61	21	350	1.9	<2	1.90	<0.5	37	188	101	6.49	20	1.19
H740943		4.54	<0.5	6.01	22	150	1.7	<2	3.60	<0.5	45	198	298	7.07	20	0.26
H740944		4.86	<0.5	4.58	13	180	1.8	<2	2.49	<0.5	31	202	296	4.63	10	0.43
H740945		0.10	1.2	5.72	<5	550	0.6	<2	1.29	<0.5	79	100	3250	4.51	10	2.44
H740946		1.94	<0.5	4.72	19	130	1.8	<2	3.65	<0.5	74	905	550	8.28	10	0.30
H740947		3.05	<0.5	5.97	24	400	1.5	<2	1.26	<0.5	28	197	43	4.93	20	1.28
H740948		3.34	<0.5	4.69	12	200	1.6	<2	2.87	<0.5	29	146	147	5.42	10	0.64
H740949		3.97	0.5	3.39	26	40	0.9	<2	3.85	<0.5	101	1330	849	9.22	10	0.17
H740950		4.46	0.6	3.39	18	30	0.8	<2	3.57	<0.5	107	1560	760	9.14	10	0.14
H740951		4.55	0.8	3.11	20	30	0.8	<2	3.68	<0.5	109	1730	1565	9.33	10	0.11
H740952		4.56	1.8	3.12	18	70	0.7	<2	4.04	<0.5	149	2000	4060	10.75	10	0.19
H740953		4.63	1.2	2.30	37	300	0.6	<2	1.95	<0.5	154	2830	2260	10.45	<10	0.21
H740954		4.61	1.9	2.07	16	80	0.5	2	1.90	<0.5	159	2950	3010	10.55	10	0.21
H740955		0.09	<0.5	6.16	<5	900	1.0	<2	1.33	<0.5	3	19	15	1.52	10	2.11
H740956		4.24	0.6	2.05	25	100	0.6	2	1.60	<0.5	142	2900	1050	10.05	10	0.25
H740957		4.00	2.0	1.93	42	80	0.9	2	1.22	0.5	161	3060	2810	11.05	10	0.24
H740958		4.41	0.9	2.22	25	90	0.6	2	1.50	<0.5	166	3080	1695	11.30	10	0.28
H740959		3.78	0.6	2.13	16	100	0.6	<2	1.19	<0.5	157	3030	993	10.75	<10	0.30
H740960		4.16	0.5	2.22	15	90	0.7	3	1.32	<0.5	151	3160	992	10.75	10	0.39
H740961		4.09	<0.5	2.14	16	100	0.7	<2	1.59	<0.5	147	3050	969	10.45	10	0.37
H740962		4.39	0.6	2.29	5	100	0.6	<2	1.86	<0.5	148	2900	1220	10.40	10	0.27
H740963		2.22	<0.5	2.56	23	120	0.8	2	1.68	<0.5	133	2230	406	10.10	10	0.40
H740964		2.17	0.5	2.42	14	100	0.8	<2	1.60	<0.5	148	2000	1100	10.45	10	0.44
H740965		0.10	17.8	7.04	184	450	0.7	<2	3.32	2.9	15	103	331	4.29	10	0.84
H740966		2.31	<0.5	2.64	10	120	0.6	<2	2.06	<0.5	136	2210	678	10.20	10	0.30
H740967		2.09	<0.5	2.72	<5	120	0.6	3	2.21	<0.5	140	2150	548	10.55	10	0.31
H740968		2.15	<0.5	2.73	<5	120	0.6	<2	2.05	<0.5	142	2460	1095	10.55	10	0.30
H740969		2.15	0.5	3.08	8	120	0.7	<2	2.37	<0.5	130	2310	997	10.30	10	0.33
H740970		2.17	<0.5	3.58	6	130	0.9	<2	3.16	<0.5	116	2200	701	9.74	10	0.29
H740971		1.83	0.6	3.72	7	110	0.9	2	2.42	<0.5	125	1955	1665	10.20	10	0.53
H740972		3.86	0.9	6.84	<5	630	1.8	<2	0.32	<0.5	1	11	4	0.65	20	3.77
H740973		3.80	<0.5	6.06	<5	360	1.4	<2	0.84	<0.5	2	10	41	0.75	30	3.29

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

Finalized Date: 2-JUL-2009
Account: MGMAM

Project: SD09-124 BL

CERTIFICATE OF ANALYSIS TB09063105

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H740941		10	2.54	442	1	1.20	70	900	56	3.15	<5	13	106	<20	0.48	<10
H740942		20	3.52	675	2	1.80	95	1060	39	2.75	<5	20	120	<20	1.05	<10
H740943		20	3.74	709	15	2.12	177	1150	30	2.58	<5	22	108	<20	1.28	<10
H740944		20	2.63	461	7	1.64	159	740	14	1.84	<5	15	87	<20	0.70	<10
H740945		10	0.85	379	25	1.49	2350	310	6	2.01	<5	3	429	<20	0.09	<10
H740946		20	7.31	890	1	1.50	536	810	41	2.84	<5	20	97	<20	1.10	<10
H740947		20	3.17	344	1	2.06	97	750	4	2.44	<5	14	88	<20	0.66	<10
H740948		20	3.49	904	1	1.75	87	1030	3	1.63	<5	17	114	<20	0.88	<10
H740949		20	11.60	1635	<1	0.42	881	690	44	1.01	<5	17	130	<20	0.76	<10
H740950		20	12.30	1440	<1	0.27	921	640	2	0.45	<5	17	131	<20	0.82	<10
H740951		20	12.05	1375	<1	0.23	1120	660	5	0.76	<5	17	110	<20	0.77	<10
H740952		20	11.00	1475	<1	0.31	2030	700	9	1.30	<5	21	141	<20	0.88	<10
H740953		10	14.95	1415	<1	0.24	1990	540	5	1.63	<5	12	166	<20	0.60	<10
H740954		10	15.25	1305	<1	0.23	2000	460	7	1.06	<5	11	139	<20	0.54	<10
H740955		10	0.20	560	<1	2.63	2	180	9	<0.01	<5	4	167	<20	0.11	<10
H740956		10	16.00	1335	<1	0.19	1650	530	2	0.48	<5	8	127	<20	0.56	<10
H740957		10	15.55	1675	1	0.24	1980	540	6	1.33	<5	7	118	<20	0.54	<10
H740958		10	16.35	1465	1	0.29	1780	470	3	1.01	<5	10	146	<20	0.54	<10
H740959		10	16.10	1600	1	0.29	1600	510	4	0.78	<5	10	126	<20	0.53	<10
H740960		10	16.00	1440	1	0.36	1530	450	3	0.82	<5	11	130	<20	0.57	<10
H740961		10	15.20	1415	1	0.39	1480	450	3	0.67	<5	9	166	<20	0.60	<10
H740962		10	15.20	1355	<1	0.37	1600	520	5	0.92	<5	10	185	<20	0.62	<10
H740963		10	15.45	1435	1	0.42	1340	330	5	1.36	<5	12	177	<20	0.66	<10
H740964		10	15.35	1440	<1	0.42	1690	420	4	1.65	<5	12	156	<20	0.64	<10
H740965		10	1.52	742	188	2.04	110	550	252	0.26	10	14	268	<20	0.31	<10
H740966		20	15.00	1345	1	0.46	1390	560	3	0.77	<5	11	238	<20	0.65	<10
H740967		20	15.45	1375	<1	0.54	1400	610	4	1.24	<5	12	242	<20	0.71	<10
H740968		20	14.85	1345	1	0.55	1510	710	5	1.08	<5	12	246	<20	0.71	<10
H740969		20	13.75	1345	1	0.60	1310	810	6	0.83	<5	12	274	<20	0.79	<10
H740970		20	12.10	1275	6	0.78	1030	760	3	0.35	<5	13	370	<20	0.87	<10
H740971		20	11.70	1290	1	0.68	1480	870	7	1.79	<5	15	227	<20	0.89	<10
H740972		<10	0.26	94	<1	2.18	6	480	15	0.23	<5	3	164	<20	0.03	<10
H740973		<10	0.19	62	1	2.50	8	430	21	0.40	<5	3	126	<20	0.04	<10

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Finalized Date: 2-JUL-2009
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Project: SD09-124 BL

CERTIFICATE OF ANALYSIS TB09063105

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H740941		<10	125	<10	85	0.002	0.0077	0.005			
H740942		<10	207	<10	127	0.004	0.0157	0.011			
H740943		<10	248	<10	134	0.010	0.161	0.124			
H740944		<10	143	<10	80	0.010	0.172	0.142			
H740945		<10	38	<10	37	0.032	0.234	0.734			
H740946		<10	222	<10	166	0.012	0.205	0.162			
H740947		<10	142	<10	69	0.005	0.0158	0.014			
H740948		<10	178	<10	84	0.001	0.0352	0.028			
H740949		<10	163	<10	150	0.018	0.304	0.289			
H740950		<10	164	<10	97	0.016	0.298	0.259			
H740951		<10	158	<10	108	0.037	0.626	0.552			
H740952		<10	196	<10	115	0.085	>1.00	>1.00	0.09	1.47	1.46
H740953		<10	136	<10	108	0.048	0.808	0.707			
H740954		<10	123	<10	106	0.072	>1.00	>1.00	0.07	1.07	1.00
H740955		<10	16	<10	26	0.001	0.0006	0.001			
H740956		<10	120	<10	120	0.026	0.371	0.301			
H740957		<10	124	<10	144	0.062	>1.00	0.900	0.07	1.09	0.98
H740958		<10	126	<10	118	0.040	0.630	0.541			
H740959		<10	121	<10	122	0.027	0.366	0.330			
H740960		<10	126	<10	127	0.019	0.325	0.290			
H740961		<10	131	<10	141	0.018	0.289	0.247			
H740962		10	133	<10	108	0.026	0.425	0.359			
H740963		<10	135	<10	112	0.007	0.121	0.102			
H740964		<10	132	<10	114	0.028	0.361	0.304			
H740965		10	108	<10	365	0.347	0.0855	0.321			
H740966		<10	135	<10	105	0.008	0.0713	0.060			
H740967		<10	142	<10	107	0.014	0.155	0.135			
H740968		<10	145	<10	104	0.024	0.309	0.281			
H740969		<10	157	<10	107	0.029	0.339	0.304			
H740970		<10	170	<10	103	0.017	0.181	0.148			
H740971		<10	181	<10	104	0.036	0.481	0.448			
H740972		10	1	<10	5	<0.001	0.0018	0.001			
H740973		10	2	<10	5	<0.001	0.0011	0.001			

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

Finalized Date: 20-JUL-2009
This copy reported on 24-AUG-2009
Account: MGMAM

CERTIFICATE TB09068798

Project: SD09-129 BL

P.O. No.:

This report is for 67 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744609		4.03	<0.5	6.68	<5	380	2.8	<2	0.54	<0.5	3	37	5	1.21	20	3.11
H744610		0.10	1.4	5.90	6	690	0.7	<2	1.33	<0.5	81	115	3250	4.74	20	2.40
H744611		3.17	<0.5	7.65	5	290	2.4	<2	0.95	<0.5	13	94	41	3.75	30	2.02
H744612		2.74	<0.5	6.87	<5	600	1.5	<2	1.25	<0.5	13	79	50	2.74	20	2.16
H744613		4.07	<0.5	7.24	7	500	1.8	<2	2.05	<0.5	14	80	44	2.87	20	1.43
H744614		4.01	<0.5	7.30	<5	450	1.2	<2	1.73	<0.5	20	125	70	4.48	20	1.77
H744615		4.47	<0.5	6.78	<5	220	2.4	<2	0.69	<0.5	9	81	11	2.41	20	1.89
H744616		2.08	<0.5	5.96	<5	290	2.3	3	0.47	<0.5	3	26	9	1.08	20	2.48
H744617		4.14	<0.5	6.83	<5	260	2.5	2	0.55	<0.5	6	50	8	1.88	20	2.18
H744618		4.34	0.7	6.82	<5	570	1.9	3	1.00	<0.5	12	73	31	3.04	20	2.42
H744619		4.41	<0.5	7.41	<5	480	1.8	<2	1.16	<0.5	22	135	21	4.64	20	1.91
H744620		0.09	<0.5	6.26	<5	900	0.9	2	1.30	<0.5	2	22	17	1.51	10	2.01
H744621		3.95	0.5	3.86	<5	130	1.5	<2	0.75	<0.5	12	92	31	2.71	10	0.81
H744622		3.65	<0.5	3.22	<5	110	1.4	3	0.42	<0.5	11	79	28	2.30	10	0.53
H744623		3.87	<0.5	3.77	<5	180	1.4	<2	0.51	<0.5	14	87	40	2.79	10	0.62
H744624		3.99	<0.5	4.11	12	120	1.3	<2	2.45	<0.5	64	810	321	7.06	20	0.43
H744625		4.41	<0.5	3.65	6	150	1.1	<2	3.09	<0.5	103	1600	646	9.60	10	0.56
H744626		4.28	<0.5	2.97	5	120	0.8	<2	2.90	<0.5	115	2330	680	9.53	10	0.36
H744627		4.13	<0.5	3.17	11	210	0.8	<2	3.13	<0.5	111	1950	383	9.71	10	0.35
H744628		4.22	0.9	2.98	5	130	0.7	<2	2.81	<0.5	125	2310	1150	9.88	10	0.35
H744629		2.19	1.3	3.05	14	160	1.0	<2	2.12	<0.5	136	2300	1635	10.25	10	0.44
H744630		0.10	18.2	7.16	200	470	0.7	4	3.40	2.9	15	114	349	4.45	20	0.88
H744631		2.22	1.4	3.01	7	160	0.7	<2	2.92	<0.5	134	2400	2010	10.10	10	0.39
H744632		2.27	2.6	2.86	<5	140	0.7	<2	2.81	<0.5	163	2310	3790	11.05	10	0.32
H744633		2.53	6.5	3.21	6	150	0.8	3	3.19	0.8	181	2240	7610	12.15	10	0.45
H744634		2.40	8.4	3.76	11	210	1.0	6	3.89	1.3	181	1465	9500	12.15	10	0.75
H744635		2.22	0.5	4.45	9	190	0.9	<2	4.20	<0.5	107	1400	1375	9.75	10	0.46
H744636		2.27	0.5	3.55	<5	140	0.7	2	3.57	<0.5	109	1855	516	9.87	10	0.36
H744637		1.87	0.6	3.22	6	120	0.6	<2	3.16	<0.5	121	1945	1225	10.10	10	0.31
H744638		2.02	1.4	2.90	6	100	0.6	3	2.91	<0.5	147	2390	2570	11.15	10	0.25
H744639		1.17	0.5	2.63	<5	80	0.6	<2	2.72	<0.5	133	2550	811	10.35	10	0.23
H744640		0.91	<0.5	2.54	<5	70	0.5	<2	2.62	<0.5	130	2430	800	10.05	10	0.22
H744641		2.18	1.0	2.54	<5	100	0.6	<2	2.43	<0.5	142	2700	1370	10.30	10	0.28
H744642		1.87	1.2	2.46	21	100	0.6	3	2.00	<0.5	139	2860	1510	10.40	10	0.32
H744643		2.11	<0.5	2.34	24	80	0.7	<2	2.00	<0.5	133	3160	639	10.00	10	0.37
H744644		1.83	<0.5	2.26	31	90	0.8	<2	1.52	<0.5	134	2930	316	10.30	10	0.42
H744645		4.85	<0.5	2.28	19	90	0.7	<2	1.38	<0.5	135	2990	537	10.35	10	0.41
H744646		4.36	<0.5	2.27	<5	80	0.6	<2	2.13	<0.5	138	2940	196	10.50	10	0.29
H744647		4.35	<0.5	2.46	6	90	0.6	3	1.94	<0.5	136	2800	150	10.45	10	0.37
H744648		4.46	<0.5	2.17	7	100	0.7	2	1.88	<0.5	150	2940	222	11.15	10	0.36

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744609		10	0.37	209	3	2.42	10	280	25	0.04	<5	5	117	<20	0.09	<10
H744610		10	0.88	394	27	1.51	2440	330	5	2.25	5	3	430	<20	0.09	<10
H744611		20	1.32	628	70	2.37	50	380	16	0.20	<5	13	147	<20	0.31	<10
H744612		20	1.11	508	1	1.52	40	580	15	0.18	<5	8	245	<20	0.24	<10
H744613		20	1.08	530	9	2.16	43	660	18	0.19	<5	8	316	<20	0.26	<10
H744614		20	1.62	921	1	1.79	60	820	15	0.55	5	11	281	<20	0.34	<10
H744615		20	0.90	440	12	2.16	41	450	17	0.30	<5	9	106	<20	0.17	<10
H744616		10	0.26	155	29	1.95	13	230	18	0.18	<5	5	88	<20	0.08	<10
H744617		20	0.52	263	5	2.52	22	290	18	0.39	<5	7	116	<20	0.13	<10
H744618		20	1.65	317	2	2.42	44	610	15	1.09	<5	9	213	<20	0.24	<10
H744619		30	2.29	484	1	2.41	75	870	2	0.83	<5	14	236	<20	0.42	<10
H744620		10	0.20	561	1	2.59	6	180	7	0.01	<5	5	170	<20	0.11	<10
H744621		10	1.94	206	2	0.81	49	480	2	0.91	<5	8	69	<20	0.28	<10
H744622		10	1.70	154	2	0.80	47	460	<2	0.87	<5	7	55	<20	0.28	<10
H744623		10	2.09	194	17	1.11	55	530	<2	1.24	<5	8	71	<20	0.31	<10
H744624		20	7.32	1005	1	1.15	454	800	11	1.00	<5	16	144	<20	0.76	<10
H744625		30	12.80	1490	1	0.56	907	970	11	0.76	<5	18	175	<20	0.90	<10
H744626		20	13.95	1355	<1	0.36	1160	780	10	0.79	<5	16	159	<20	0.73	<10
H744627		20	14.15	1430	<1	0.34	959	760	6	0.51	<5	17	174	<20	0.79	<10
H744628		20	14.40	1380	<1	0.41	1400	630	10	0.90	<5	15	212	<20	0.73	<10
H744629		20	15.20	1500	1	0.37	1640	700	7	1.24	<5	15	173	<20	0.75	<10
H744630		10	1.63	791	195	2.14	120	560	268	0.27	11	14	280	<20	0.33	<10
H744631		20	14.30	1370	1	0.52	1650	690	7	1.21	<5	14	284	<20	0.71	<10
H744632		20	14.50	1395	1	0.52	2450	620	11	1.78	<5	14	262	<20	0.69	<10
H744633		20	12.65	1390	<1	0.71	3140	660	17	2.56	<5	16	305	<20	0.80	<10
H744634		20	10.25	1345	<1	0.79	3370	720	16	3.46	<5	18	353	<20	0.98	<10
H744635		20	10.70	1340	<1	1.21	1270	970	5	0.99	<5	18	444	<20	1.12	<10
H744636		20	13.15	1380	<1	0.79	1030	820	6	0.56	<5	16	366	<20	0.92	<10
H744637		20	14.10	1400	<1	0.64	1270	790	6	0.55	<5	15	302	<20	0.84	<10
H744638		20	15.25	1450	<1	0.52	2020	650	6	1.32	<5	15	253	<20	0.77	<10
H744639		20	16.15	1415	<1	0.39	1390	560	6	0.45	<5	14	211	<20	0.69	<10
H744640		20	15.70	1360	1	0.37	1370	530	5	0.43	<5	13	194	<20	0.66	<10
H744641		20	15.50	1345	<1	0.45	1860	560	7	0.88	<5	12	231	<20	0.63	<10
H744642		20	16.55	1630	1	0.35	1650	590	8	1.60	<5	12	182	<20	0.62	<10
H744643		20	16.50	1530	<1	0.34	1410	550	6	1.14	<5	12	170	<20	0.61	<10
H744644		10	16.35	1620	<1	0.32	1410	380	5	1.73	<5	13	133	<20	0.56	<10
H744645		10	16.40	1485	<1	0.32	1510	400	3	1.54	<5	12	151	<20	0.55	<10
H744646		20	16.55	1410	1	0.32	1320	500	7	0.72	<5	10	246	<20	0.58	<10
H744647		20	15.95	1395	1	0.41	1230	530	5	0.74	<5	10	219	<20	0.60	<10
H744648		20	17.25	1510	1	0.40	1390	520	5	0.95	<5	11	212	<20	0.61	<10

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744609		20	18	<10	26	0.003	0.0006	<0.001			
H744610		<10	39	<10	36	0.017	0.0114	0.015			
H744611		20	83	<10	109	0.002	0.0014	0.001			
H744612		<10	65	<10	59	0.001	0.0008	0.001			
H744613		<10	68	<10	73	0.001	0.0009	0.001			
H744614		<10	97	<10	102	0.001	0.0012	0.001			
H744615		20	47	<10	63	0.002	0.0011	0.001			
H744616		10	16	<10	25	0.001	0.0006	<0.001			
H744617		20	33	<10	41	0.001	0.0007	0.001			
H744618		10	66	<10	51	0.002	0.0009	0.001			
H744619		<10	120	<10	78	0.005	0.0022	0.002			
H744620		<10	15	<10	27	0.003	0.0005	<0.001			
H744621		<10	64	<10	41	0.004	0.0242	0.021			
H744622		<10	63	<10	30	0.005	0.0447	0.032			
H744623		<10	73	<10	35	0.006	0.0737	0.067			
H744624		<10	157	<10	94	0.011	0.148	0.141			
H744625		<10	187	<10	106	0.021	0.327	0.312			
H744626		<10	169	<10	114	0.020	0.285	0.269			
H744627		<10	173	<10	102	0.013	0.158	0.148			
H744628		<10	157	<10	109	0.035	0.527	0.528			
H744629		<10	163	<10	129	0.050	0.822	0.777			
H744630		<10	110	<10	383	0.389	0.0849	0.396			
H744631		<10	155	<10	100	0.075	>1.00	>1.00	0.07	1.11	0.99
H744632		<10	152	<10	109	0.120	>1.00	>1.00	0.11	1.93	1.74
H744633		<10	181	<10	132	0.262	>1.00	>1.00	0.30	4.40	3.86
H744634		<10	208	<10	124	0.359	>1.00	>1.00	0.38	5.73	5.15
H744635		<10	217	<10	99	0.027	0.423	0.487			
H744636		<10	189	<10	99	0.016	0.214	0.192			
H744637		<10	175	<10	104	0.038	0.494	0.469			
H744638		<10	165	<10	109	0.062	1.000	0.987	0.07	1.17	1.08
H744639		<10	152	<10	102	0.020	0.266	0.241			
H744640		<10	148	<10	99	0.018	0.220	0.212			
H744641		<10	141	<10	98	0.030	0.497	0.496			
H744642		<10	141	<10	111	0.039	0.493	0.478			
H744643		<10	143	<10	107	0.019	0.184	0.172			
H744644		<10	141	<10	144	0.011	0.0576	0.057			
H744645		<10	134	<10	126	0.014	0.175	0.167			
H744646		<10	130	<10	106	0.006	0.0720	0.067			
H744647		<10	132	<10	111	0.005	0.0488	0.047			
H744648		<10	135	<10	120	0.006	0.0643	0.061			

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744649		4.53	<0.5	2.09	7	100	0.6	<2	1.77	<0.5	145	2780	142	10.80	10	0.33
H744650		0.10	1.3	6.10	6	560	0.7	2	1.38	<0.5	83	133	3320	4.83	10	2.60
H744651		4.39	<0.5	2.16	6	90	0.5	<2	2.03	<0.5	141	2740	170	10.65	10	0.27
H744652		2.15	<0.5	2.01	17	90	0.8	<2	1.38	<0.5	145	2970	318	10.65	10	0.42
H744653		4.29	<0.5	2.08	9	90	0.7	<2	1.70	<0.5	140	3090	146	10.55	10	0.40
H744654		4.35	<0.5	2.00	<5	90	0.6	<2	1.61	<0.5	140	3090	246	10.40	10	0.26
H744655		4.22	<0.5	2.14	5	80	0.9	2	1.39	<0.5	137	2810	433	10.10	10	0.38
H744655 CRD		<0.02	<0.5	2.06	6	80	0.8	<2	1.37	<0.5	133	2800	432	9.84	10	0.36
H744656		4.39	<0.5	2.14	6	90	0.6	3	1.39	<0.5	133	2470	337	9.88	10	0.29
H744657		4.26	<0.5	2.31	<5	100	0.5	<2	1.97	<0.5	135	2130	211	10.20	10	0.23
H744658		4.46	<0.5	2.32	<5	90	0.6	<2	1.96	<0.5	137	2080	244	10.05	10	0.24
H744659		2.13	<0.5	2.37	8	100	0.7	2	1.73	<0.5	136	1935	336	10.30	10	0.42
H744660		0.09	<0.5	6.43	<5	900	0.9	<2	1.36	<0.5	3	30	16	1.55	10	2.09
H744661		2.09	0.9	2.41	16	100	1.1	2	1.97	<0.5	154	1870	1240	10.80	10	0.49
H744662		2.21	1.3	2.24	<5	110	0.7	<2	1.85	<0.5	152	2000	1935	10.65	10	0.31
H744663		2.15	1.7	2.19	7	90	0.7	<2	1.69	<0.5	152	1970	2120	10.55	10	0.32
H744664		1.96	0.9	2.29	6	100	0.7	<2	1.42	<0.5	143	1910	1245	10.35	<10	0.37
H744665		2.41	0.6	2.50	8	110	0.7	<2	1.64	<0.5	134	1895	749	10.05	<10	0.41
H744666		2.20	1.1	2.40	6	90	0.6	<2	1.79	0.6	150	1970	1735	10.65	10	0.33
H744667		2.26	1.1	2.50	8	100	0.6	<2	1.75	<0.5	141	1940	1405	10.45	<10	0.39
H744668		2.22	0.8	2.64	10	110	0.7	<2	2.15	<0.5	134	2020	1130	10.15	10	0.31
H744669		2.20	<0.5	3.12	<5	120	0.7	<2	2.76	<0.5	123	1955	289	9.94	10	0.25
H744670		0.11	22.8	7.53	212	470	0.7	<2	3.39	2.9	15	122	341	4.46	10	0.87
H744671		2.41	0.5	3.86	12	160	1.2	2	2.28	<0.5	107	1540	1075	8.53	10	0.56
H744672		3.17	<0.5	6.57	<5	670	1.4	<2	0.47	<0.5	7	68	11	1.59	20	3.30
H744673		2.71	<0.5	3.03	<5	250	0.5	<2	0.13	<0.5	3	26	5	0.43	10	1.04
H744674		3.60	<0.5	6.95	5	320	1.2	<2	0.81	<0.5	18	135	38	3.71	20	1.56

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744649		20	17.60	1460	1	0.36	1340	530	9	0.83	<5	10	185	<20	0.57	<10
H744650		10	1.00	404	26	1.58	2460	340	6	2.29	<5	3	446	<20	0.10	<10
H744651		20	17.15	1435	1	0.38	1330	490	4	1.03	<5	10	249	<20	0.54	<10
H744652		10	16.75	1445	<1	0.40	1380	440	7	1.47	<5	10	139	<20	0.51	<10
H744653		20	17.05	1465	<1	0.44	1280	510	6	1.08	<5	10	182	<20	0.54	<10
H744654		20	17.45	1410	1	0.27	1420	470	9	0.82	<5	10	135	<20	0.54	<10
H744655		10	16.15	1345	1	0.37	1420	380	5	1.41	<5	11	131	<20	0.52	<10
H744655 CRD		10	15.90	1315	1	0.35	1390	370	5	1.35	<5	11	127	<20	0.50	<10
H744656		10	16.30	1385	<1	0.30	1380	480	4	0.82	<5	10	131	<20	0.55	<10
H744657		20	17.15	1390	<1	0.39	1370	520	6	0.62	<5	11	226	<20	0.61	<10
H744658		20	17.00	1385	<1	0.34	1410	540	4	0.64	<5	10	203	<20	0.58	<10
H744659		20	16.50	1400	<1	0.44	1440	470	6	1.30	<5	11	176	<20	0.58	<10
H744660		10	0.26	569	<1	2.63	10	180	5	0.01	<5	5	176	<20	0.12	<10
H744661		10	16.20	1465	1	0.40	1770	420	6	2.66	<5	13	147	<20	0.56	<10
H744662		20	16.15	1375	1	0.41	2080	570	8	1.07	<5	11	182	<20	0.58	<10
H744663		10	16.05	1420	1	0.37	2000	470	8	1.80	<5	10	154	<20	0.54	<10
H744664		10	15.95	1375	1	0.44	1610	490	5	2.21	<5	11	163	<20	0.52	<10
H744665		10	15.75	1370	1	0.46	1430	450	9	1.32	<5	11	165	<20	0.61	<10
H744666		10	15.55	1425	<1	0.47	1940	530	13	1.78	<5	11	191	<20	0.63	<10
H744667		20	15.55	1400	<1	0.45	1640	630	9	1.36	<5	11	190	<20	0.64	<10
H744668		20	15.15	1350	1	0.50	1470	590	10	0.98	<5	11	250	<20	0.66	<10
H744669		20	14.75	1345	<1	0.61	1120	590	5	0.19	<5	13	286	<20	0.77	<10
H744670		10	1.62	784	196	2.11	121	560	270	0.26	8	14	277	<20	0.33	<10
H744671		20	11.15	1170	222	0.88	1230	750	9	1.28	<5	11	231	<20	0.66	<10
H744672		10	1.11	139	2	2.41	29	380	3	0.54	<5	7	140	<20	0.15	<10
H744673		<10	0.44	52	2	0.65	13	180	<2	0.25	<5	3	65	<20	0.05	<10
H744674		30	1.71	345	1	2.42	59	490	15	0.64	<5	11	218	<20	0.30	<10

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744649		<10	126	<10	112	0.007	0.0385	0.036			
H744650		<10	41	<10	31	0.025	0.0090	0.013			
H744651		<10	120	<10	108	0.007	0.0554	0.054			
H744652		<10	123	<10	130	0.008	0.0888	0.088			
H744653		<10	124	<10	115	0.005	0.0345	0.033			
H744654		<10	120	<10	114	0.009	0.0790	0.076			
H744655		<10	120	<10	163	0.011	0.127	0.125			
H744655 CRD		<10	120	<10	158	0.010	0.122	0.123			
H744656		<10	119	<10	109	0.011	0.118	0.110			
H744657		<10	125	<10	101	0.008	0.0724	0.068			
H744658		<10	120	<10	99	0.009	0.0836	0.079			
H744659		<10	122	<10	111	0.012	0.123	0.121			
H744660		<10	17	<10	26	0.001	<0.0005	<0.001			
H744661		<10	125	<10	153	0.034	0.461	0.426			
H744662		<10	123	<10	100	0.054	0.714	0.679			
H744663		<10	118	<10	104	0.070	0.869	0.824			
H744664		<10	123	<10	100	0.041	0.468	0.437			
H744665		<10	127	<10	104	0.024	0.263	0.247			
H744666		<10	128	<10	105	0.053	0.653	0.613			
H744667		<10	133	<10	104	0.050	0.550	0.518			
H744668		<10	136	<10	105	0.041	0.440	0.420			
H744669		<10	151	<10	99	0.012	0.0978	0.090			
H744670		<10	112	<10	378	0.460	0.102	0.445			
H744671		<10	132	<10	98	0.037	0.362	0.360			
H744672		<10	31	<10	10	0.005	0.0045	0.004			
H744673		<10	11	<10	2	0.004	0.0026	0.003			
H744674		<10	88	<10	45	0.003	0.0022	0.002			

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 20-JUL-2009
This copy reported on 24-AUG-2009
Account: MGMAM

CERTIFICATE TB09068798

Project: SD09-129 BL

P.O. No.:

This report is for 67 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744609		4.03	<0.5	6.68	<5	380	2.8	<2	0.54	<0.5	3	37	5	1.21	20	3.11
H744610		0.10	1.4	5.90	6	690	0.7	<2	1.33	<0.5	81	115	3250	4.74	20	2.40
H744611		3.17	<0.5	7.65	5	290	2.4	<2	0.95	<0.5	13	94	41	3.75	30	2.02
H744612		2.74	<0.5	6.87	<5	600	1.5	<2	1.25	<0.5	13	79	50	2.74	20	2.16
H744613		4.07	<0.5	7.24	7	500	1.8	<2	2.05	<0.5	14	80	44	2.87	20	1.43
H744614		4.01	<0.5	7.30	<5	450	1.2	<2	1.73	<0.5	20	125	70	4.48	20	1.77
H744615		4.47	<0.5	6.78	<5	220	2.4	<2	0.69	<0.5	9	81	11	2.41	20	1.89
H744616		2.08	<0.5	5.96	<5	290	2.3	3	0.47	<0.5	3	26	9	1.08	20	2.48
H744617		4.14	<0.5	6.83	<5	260	2.5	2	0.55	<0.5	6	50	8	1.88	20	2.18
H744618		4.34	0.7	6.82	<5	570	1.9	3	1.00	<0.5	12	73	31	3.04	20	2.42
H744619		4.41	<0.5	7.41	<5	480	1.8	<2	1.16	<0.5	22	135	21	4.64	20	1.91
H744620		0.09	<0.5	6.26	<5	900	0.9	2	1.30	<0.5	2	22	17	1.51	10	2.01
H744621		3.95	0.5	3.86	<5	130	1.5	<2	0.75	<0.5	12	92	31	2.71	10	0.81
H744622		3.65	<0.5	3.22	<5	110	1.4	3	0.42	<0.5	11	79	28	2.30	10	0.53
H744623		3.87	<0.5	3.77	<5	180	1.4	<2	0.51	<0.5	14	87	40	2.79	10	0.62
H744624		3.99	<0.5	4.11	12	120	1.3	<2	2.45	<0.5	64	810	321	7.06	20	0.43
H744625		4.41	<0.5	3.65	6	150	1.1	<2	3.09	<0.5	103	1600	646	9.60	10	0.56
H744626		4.28	<0.5	2.97	5	120	0.8	<2	2.90	<0.5	115	2330	680	9.53	10	0.36
H744627		4.13	<0.5	3.17	11	210	0.8	<2	3.13	<0.5	111	1950	383	9.71	10	0.35
H744628		4.22	0.9	2.98	5	130	0.7	<2	2.81	<0.5	125	2310	1150	9.88	10	0.35
H744629		2.19	1.3	3.05	14	160	1.0	<2	2.12	<0.5	136	2300	1635	10.25	10	0.44
H744630		0.10	18.2	7.16	200	470	0.7	4	3.40	2.9	15	114	349	4.45	20	0.88
H744631		2.22	1.4	3.01	7	160	0.7	<2	2.92	<0.5	134	2400	2010	10.10	10	0.39
H744632		2.27	2.6	2.86	<5	140	0.7	<2	2.81	<0.5	163	2310	3790	11.05	10	0.32
H744633		2.53	6.5	3.21	6	150	0.8	3	3.19	0.8	181	2240	7610	12.15	10	0.45
H744634		2.40	8.4	3.76	11	210	1.0	6	3.89	1.3	181	1465	9500	12.15	10	0.75
H744635		2.22	0.5	4.45	9	190	0.9	<2	4.20	<0.5	107	1400	1375	9.75	10	0.46
H744636		2.27	0.5	3.55	<5	140	0.7	2	3.57	<0.5	109	1855	516	9.87	10	0.36
H744637		1.87	0.6	3.22	6	120	0.6	<2	3.16	<0.5	121	1945	1225	10.10	10	0.31
H744638		2.02	1.4	2.90	6	100	0.6	3	2.91	<0.5	147	2390	2570	11.15	10	0.25
H744639		1.17	0.5	2.63	<5	80	0.6	<2	2.72	<0.5	133	2550	811	10.35	10	0.23
H744640		0.91	<0.5	2.54	<5	70	0.5	<2	2.62	<0.5	130	2430	800	10.05	10	0.22
H744641		2.18	1.0	2.54	<5	100	0.6	<2	2.43	<0.5	142	2700	1370	10.30	10	0.28
H744642		1.87	1.2	2.46	21	100	0.6	3	2.00	<0.5	139	2860	1510	10.40	10	0.32
H744643		2.11	<0.5	2.34	24	80	0.7	<2	2.00	<0.5	133	3160	639	10.00	10	0.37
H744644		1.83	<0.5	2.26	31	90	0.8	<2	1.52	<0.5	134	2930	316	10.30	10	0.42
H744645		4.85	<0.5	2.28	19	90	0.7	<2	1.38	<0.5	135	2990	537	10.35	10	0.41
H744646		4.36	<0.5	2.27	<5	80	0.6	<2	2.13	<0.5	138	2940	196	10.50	10	0.29
H744647		4.35	<0.5	2.46	6	90	0.6	3	1.94	<0.5	136	2800	150	10.45	10	0.37
H744648		4.46	<0.5	2.17	7	100	0.7	2	1.88	<0.5	150	2940	222	11.15	10	0.36

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744609		10	0.37	209	3	2.42	10	280	25	0.04	<5	5	117	<20	0.09	<10
H744610		10	0.88	394	27	1.51	2440	330	5	2.25	5	3	430	<20	0.09	<10
H744611		20	1.32	628	70	2.37	50	380	16	0.20	<5	13	147	<20	0.31	<10
H744612		20	1.11	508	1	1.52	40	580	15	0.18	<5	8	245	<20	0.24	<10
H744613		20	1.08	530	9	2.16	43	660	18	0.19	<5	8	316	<20	0.26	<10
H744614		20	1.62	921	1	1.79	60	820	15	0.55	5	11	281	<20	0.34	<10
H744615		20	0.90	440	12	2.16	41	450	17	0.30	<5	9	106	<20	0.17	<10
H744616		10	0.26	155	29	1.95	13	230	18	0.18	<5	5	88	<20	0.08	<10
H744617		20	0.52	263	5	2.52	22	290	18	0.39	<5	7	116	<20	0.13	<10
H744618		20	1.65	317	2	2.42	44	610	15	1.09	<5	9	213	<20	0.24	<10
H744619		30	2.29	484	1	2.41	75	870	2	0.83	<5	14	236	<20	0.42	<10
H744620		10	0.20	561	1	2.59	6	180	7	0.01	<5	5	170	<20	0.11	<10
H744621		10	1.94	206	2	0.81	49	480	2	0.91	<5	8	69	<20	0.28	<10
H744622		10	1.70	154	2	0.80	47	460	<2	0.87	<5	7	55	<20	0.28	<10
H744623		10	2.09	194	17	1.11	55	530	<2	1.24	<5	8	71	<20	0.31	<10
H744624		20	7.32	1005	1	1.15	454	800	11	1.00	<5	16	144	<20	0.76	<10
H744625		30	12.80	1490	1	0.56	907	970	11	0.76	<5	18	175	<20	0.90	<10
H744626		20	13.95	1355	<1	0.36	1160	780	10	0.79	<5	16	159	<20	0.73	<10
H744627		20	14.15	1430	<1	0.34	959	760	6	0.51	<5	17	174	<20	0.79	<10
H744628		20	14.40	1380	<1	0.41	1400	630	10	0.90	<5	15	212	<20	0.73	<10
H744629		20	15.20	1500	1	0.37	1640	700	7	1.24	<5	15	173	<20	0.75	<10
H744630		10	1.63	791	195	2.14	120	560	268	0.27	11	14	280	<20	0.33	<10
H744631		20	14.30	1370	1	0.52	1650	690	7	1.21	<5	14	284	<20	0.71	<10
H744632		20	14.50	1395	1	0.52	2450	620	11	1.78	<5	14	262	<20	0.69	<10
H744633		20	12.65	1390	<1	0.71	3140	660	17	2.56	<5	16	305	<20	0.80	<10
H744634		20	10.25	1345	<1	0.79	3370	720	16	3.46	<5	18	353	<20	0.98	<10
H744635		20	10.70	1340	<1	1.21	1270	970	5	0.99	<5	18	444	<20	1.12	<10
H744636		20	13.15	1380	<1	0.79	1030	820	6	0.56	<5	16	366	<20	0.92	<10
H744637		20	14.10	1400	<1	0.64	1270	790	6	0.55	<5	15	302	<20	0.84	<10
H744638		20	15.25	1450	<1	0.52	2020	650	6	1.32	<5	15	253	<20	0.77	<10
H744639		20	16.15	1415	<1	0.39	1390	560	6	0.45	<5	14	211	<20	0.69	<10
H744640		20	15.70	1360	1	0.37	1370	530	5	0.43	<5	13	194	<20	0.66	<10
H744641		20	15.50	1345	<1	0.45	1860	560	7	0.88	<5	12	231	<20	0.63	<10
H744642		20	16.55	1630	1	0.35	1650	590	8	1.60	<5	12	182	<20	0.62	<10
H744643		20	16.50	1530	<1	0.34	1410	550	6	1.14	<5	12	170	<20	0.61	<10
H744644		10	16.35	1620	<1	0.32	1410	380	5	1.73	<5	13	133	<20	0.56	<10
H744645		10	16.40	1485	<1	0.32	1510	400	3	1.54	<5	12	151	<20	0.55	<10
H744646		20	16.55	1410	1	0.32	1320	500	7	0.72	<5	10	246	<20	0.58	<10
H744647		20	15.95	1395	1	0.41	1230	530	5	0.74	<5	10	219	<20	0.60	<10
H744648		20	17.25	1510	1	0.40	1390	520	5	0.95	<5	11	212	<20	0.61	<10

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744609		20	18	<10	26	0.003	0.0006	<0.001			
H744610		<10	39	<10	36	0.017	0.0114	0.015			
H744611		20	83	<10	109	0.002	0.0014	0.001			
H744612		<10	65	<10	59	0.001	0.0008	0.001			
H744613		<10	68	<10	73	0.001	0.0009	0.001			
H744614		<10	97	<10	102	0.001	0.0012	0.001			
H744615		20	47	<10	63	0.002	0.0011	0.001			
H744616		10	16	<10	25	0.001	0.0006	<0.001			
H744617		20	33	<10	41	0.001	0.0007	0.001			
H744618		10	66	<10	51	0.002	0.0009	0.001			
H744619		<10	120	<10	78	0.005	0.0022	0.002			
H744620		<10	15	<10	27	0.003	0.0005	<0.001			
H744621		<10	64	<10	41	0.004	0.0242	0.021			
H744622		<10	63	<10	30	0.005	0.0447	0.032			
H744623		<10	73	<10	35	0.006	0.0737	0.067			
H744624		<10	157	<10	94	0.011	0.148	0.141			
H744625		<10	187	<10	106	0.021	0.327	0.312			
H744626		<10	169	<10	114	0.020	0.285	0.269			
H744627		<10	173	<10	102	0.013	0.158	0.148			
H744628		<10	157	<10	109	0.035	0.527	0.528			
H744629		<10	163	<10	129	0.050	0.822	0.777			
H744630		<10	110	<10	383	0.389	0.0849	0.396			
H744631		<10	155	<10	100	0.075	>1.00	>1.00	0.07	1.11	0.99
H744632		<10	152	<10	109	0.120	>1.00	>1.00	0.11	1.93	1.74
H744633		<10	181	<10	132	0.262	>1.00	>1.00	0.30	4.40	3.86
H744634		<10	208	<10	124	0.359	>1.00	>1.00	0.38	5.73	5.15
H744635		<10	217	<10	99	0.027	0.423	0.487			
H744636		<10	189	<10	99	0.016	0.214	0.192			
H744637		<10	175	<10	104	0.038	0.494	0.469			
H744638		<10	165	<10	109	0.062	1.000	0.987	0.07	1.17	1.08
H744639		<10	152	<10	102	0.020	0.266	0.241			
H744640		<10	148	<10	99	0.018	0.220	0.212			
H744641		<10	141	<10	98	0.030	0.497	0.496			
H744642		<10	141	<10	111	0.039	0.493	0.478			
H744643		<10	143	<10	107	0.019	0.184	0.172			
H744644		<10	141	<10	144	0.011	0.0576	0.057			
H744645		<10	134	<10	126	0.014	0.175	0.167			
H744646		<10	130	<10	106	0.006	0.0720	0.067			
H744647		<10	132	<10	111	0.005	0.0488	0.047			
H744648		<10	135	<10	120	0.006	0.0643	0.061			

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744649		4.53	<0.5	2.09	7	100	0.6	<2	1.77	<0.5	145	2780	142	10.80	10	0.33
H744650		0.10	1.3	6.10	6	560	0.7	2	1.38	<0.5	83	133	3320	4.83	10	2.60
H744651		4.39	<0.5	2.16	6	90	0.5	<2	2.03	<0.5	141	2740	170	10.65	10	0.27
H744652		2.15	<0.5	2.01	17	90	0.8	<2	1.38	<0.5	145	2970	318	10.65	10	0.42
H744653		4.29	<0.5	2.08	9	90	0.7	<2	1.70	<0.5	140	3090	146	10.55	10	0.40
H744654		4.35	<0.5	2.00	<5	90	0.6	<2	1.61	<0.5	140	3090	246	10.40	10	0.26
H744655		4.22	<0.5	2.14	5	80	0.9	2	1.39	<0.5	137	2810	433	10.10	10	0.38
H744655 CRD		<0.02	<0.5	2.06	6	80	0.8	<2	1.37	<0.5	133	2800	432	9.84	10	0.36
H744656		4.39	<0.5	2.14	6	90	0.6	3	1.39	<0.5	133	2470	337	9.88	10	0.29
H744657		4.26	<0.5	2.31	<5	100	0.5	<2	1.97	<0.5	135	2130	211	10.20	10	0.23
H744658		4.46	<0.5	2.32	<5	90	0.6	<2	1.96	<0.5	137	2080	244	10.05	10	0.24
H744659		2.13	<0.5	2.37	8	100	0.7	2	1.73	<0.5	136	1935	336	10.30	10	0.42
H744660		0.09	<0.5	6.43	<5	900	0.9	<2	1.36	<0.5	3	30	16	1.55	10	2.09
H744661		2.09	0.9	2.41	16	100	1.1	2	1.97	<0.5	154	1870	1240	10.80	10	0.49
H744662		2.21	1.3	2.24	<5	110	0.7	<2	1.85	<0.5	152	2000	1935	10.65	10	0.31
H744663		2.15	1.7	2.19	7	90	0.7	<2	1.69	<0.5	152	1970	2120	10.55	10	0.32
H744664		1.96	0.9	2.29	6	100	0.7	<2	1.42	<0.5	143	1910	1245	10.35	<10	0.37
H744665		2.41	0.6	2.50	8	110	0.7	<2	1.64	<0.5	134	1895	749	10.05	<10	0.41
H744666		2.20	1.1	2.40	6	90	0.6	<2	1.79	0.6	150	1970	1735	10.65	10	0.33
H744667		2.26	1.1	2.50	8	100	0.6	<2	1.75	<0.5	141	1940	1405	10.45	<10	0.39
H744668		2.22	0.8	2.64	10	110	0.7	<2	2.15	<0.5	134	2020	1130	10.15	10	0.31
H744669		2.20	<0.5	3.12	<5	120	0.7	<2	2.76	<0.5	123	1955	289	9.94	10	0.25
H744670		0.11	22.8	7.53	212	470	0.7	<2	3.39	2.9	15	122	341	4.46	10	0.87
H744671		2.41	0.5	3.86	12	160	1.2	2	2.28	<0.5	107	1540	1075	8.53	10	0.56
H744672		3.17	<0.5	6.57	<5	670	1.4	<2	0.47	<0.5	7	68	11	1.59	20	3.30
H744673		2.71	<0.5	3.03	<5	250	0.5	<2	0.13	<0.5	3	26	5	0.43	10	1.04
H744674		3.60	<0.5	6.95	5	320	1.2	<2	0.81	<0.5	18	135	38	3.71	20	1.56

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744649		20	17.60	1460	1	0.36	1340	530	9	0.83	<5	10	185	<20	0.57	<10
H744650		10	1.00	404	26	1.58	2460	340	6	2.29	<5	3	446	<20	0.10	<10
H744651		20	17.15	1435	1	0.38	1330	490	4	1.03	<5	10	249	<20	0.54	<10
H744652		10	16.75	1445	<1	0.40	1380	440	7	1.47	<5	10	139	<20	0.51	<10
H744653		20	17.05	1465	<1	0.44	1280	510	6	1.08	<5	10	182	<20	0.54	<10
H744654		20	17.45	1410	1	0.27	1420	470	9	0.82	<5	10	135	<20	0.54	<10
H744655		10	16.15	1345	1	0.37	1420	380	5	1.41	<5	11	131	<20	0.52	<10
H744655 CRD		10	15.90	1315	1	0.35	1390	370	5	1.35	<5	11	127	<20	0.50	<10
H744656		10	16.30	1385	<1	0.30	1380	480	4	0.82	<5	10	131	<20	0.55	<10
H744657		20	17.15	1390	<1	0.39	1370	520	6	0.62	<5	11	226	<20	0.61	<10
H744658		20	17.00	1385	<1	0.34	1410	540	4	0.64	<5	10	203	<20	0.58	<10
H744659		20	16.50	1400	<1	0.44	1440	470	6	1.30	<5	11	176	<20	0.58	<10
H744660		10	0.26	569	<1	2.63	10	180	5	0.01	<5	5	176	<20	0.12	<10
H744661		10	16.20	1465	1	0.40	1770	420	6	2.66	<5	13	147	<20	0.56	<10
H744662		20	16.15	1375	1	0.41	2080	570	8	1.07	<5	11	182	<20	0.58	<10
H744663		10	16.05	1420	1	0.37	2000	470	8	1.80	<5	10	154	<20	0.54	<10
H744664		10	15.95	1375	1	0.44	1610	490	5	2.21	<5	11	163	<20	0.52	<10
H744665		10	15.75	1370	1	0.46	1430	450	9	1.32	<5	11	165	<20	0.61	<10
H744666		10	15.55	1425	<1	0.47	1940	530	13	1.78	<5	11	191	<20	0.63	<10
H744667		20	15.55	1400	<1	0.45	1640	630	9	1.36	<5	11	190	<20	0.64	<10
H744668		20	15.15	1350	1	0.50	1470	590	10	0.98	<5	11	250	<20	0.66	<10
H744669		20	14.75	1345	<1	0.61	1120	590	5	0.19	<5	13	286	<20	0.77	<10
H744670		10	1.62	784	196	2.11	121	560	270	0.26	8	14	277	<20	0.33	<10
H744671		20	11.15	1170	222	0.88	1230	750	9	1.28	<5	11	231	<20	0.66	<10
H744672		10	1.11	139	2	2.41	29	380	3	0.54	<5	7	140	<20	0.15	<10
H744673		<10	0.44	52	2	0.65	13	180	<2	0.25	<5	3	65	<20	0.05	<10
H744674		30	1.71	345	1	2.42	59	490	15	0.64	<5	11	218	<20	0.30	<10

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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THUNDER BAY ON P7B 6V1

Finalized Date: 20-JUL-2009
Account: MGMAM

Project: SD09-129 BL

CERTIFICATE OF ANALYSIS TB09068798

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744649		<10	126	<10	112	0.007	0.0385	0.036			
H744650		<10	41	<10	31	0.025	0.0090	0.013			
H744651		<10	120	<10	108	0.007	0.0554	0.054			
H744652		<10	123	<10	130	0.008	0.0888	0.088			
H744653		<10	124	<10	115	0.005	0.0345	0.033			
H744654		<10	120	<10	114	0.009	0.0790	0.076			
H744655		<10	120	<10	163	0.011	0.127	0.125			
H744655 CRD		<10	120	<10	158	0.010	0.122	0.123			
H744656		<10	119	<10	109	0.011	0.118	0.110			
H744657		<10	125	<10	101	0.008	0.0724	0.068			
H744658		<10	120	<10	99	0.009	0.0836	0.079			
H744659		<10	122	<10	111	0.012	0.123	0.121			
H744660		<10	17	<10	26	0.001	<0.0005	<0.001			
H744661		<10	125	<10	153	0.034	0.461	0.426			
H744662		<10	123	<10	100	0.054	0.714	0.679			
H744663		<10	118	<10	104	0.070	0.869	0.824			
H744664		<10	123	<10	100	0.041	0.468	0.437			
H744665		<10	127	<10	104	0.024	0.263	0.247			
H744666		<10	128	<10	105	0.053	0.653	0.613			
H744667		<10	133	<10	104	0.050	0.550	0.518			
H744668		<10	136	<10	105	0.041	0.440	0.420			
H744669		<10	151	<10	99	0.012	0.0978	0.090			
H744670		<10	112	<10	378	0.460	0.102	0.445			
H744671		<10	132	<10	98	0.037	0.362	0.360			
H744672		<10	31	<10	10	0.005	0.0045	0.004			
H744673		<10	11	<10	2	0.004	0.0026	0.003			
H744674		<10	88	<10	45	0.003	0.0022	0.002			

Comments: **CORRECTED COPY FOR ME-ICP61 ON SAMPLES FROM H744618 TO H744622**

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

Finalized Date: 21-JUL-2009
Account: MGMAM

CERTIFICATE TB09069892

Project: SD09-127 BL

P.O. No.:

This report is for 79 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 21-JUL-2009
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Project: SD09-127 BL

CERTIFICATE OF ANALYSIS TB09069892

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741002		4.20	<0.5	7.91	6	510	2.5	<2	0.35	<0.5	35	124	127	4.34	20	2.49
H741003		4.32	<0.5	7.71	<5	320	3.3	<2	0.44	<0.5	17	96	6	3.95	20	1.95
H741004		2.36	<0.5	6.77	<5	1830	2.4	<2	0.35	<0.5	3	19	11	1.41	20	4.78
H741005		4.17	<0.5	6.69	<5	470	1.6	<2	1.28	<0.5	18	46	5	5.66	20	1.49
H741006		3.18	<0.5	6.98	20	270	2.0	<2	2.96	1.5	22	80	342	5.31	20	0.93
H741007		4.92	<0.5	2.71	42	150	0.8	<2	5.43	1.4	102	981	408	9.30	10	0.27
H741008		4.77	<0.5	2.52	8	140	0.6	<2	3.87	<0.5	111	1410	441	9.89	10	0.36
H741009		4.86	<0.5	2.25	<5	110	0.5	<2	4.08	<0.5	123	1420	542	10.25	10	0.21
H741010		0.10	1.5	5.95	<5	710	0.7	<2	1.31	<0.5	80	111	3270	4.81	20	2.44
H741011		5.04	0.5	2.31	<5	120	0.5	<2	3.52	<0.5	112	1520	462	10.25	10	0.28
H741012		5.06	<0.5	2.17	<5	110	0.5	<2	3.05	<0.5	124	1780	350	9.96	10	0.29
H741013		4.98	0.5	2.18	6	100	0.5	<2	2.92	<0.5	129	2070	738	10.35	10	0.29
H741014		3.44	<0.5	2.22	<5	100	0.5	<2	2.74	<0.5	129	2130	577	10.25	10	0.29
H741015		2.46	<0.5	2.09	<5	110	0.5	<2	2.69	<0.5	125	2440	116	10.25	10	0.28
H741016		2.46	<0.5	1.96	5	100	0.5	<2	2.54	<0.5	129	2380	604	10.25	10	0.25
H741017		2.47	<0.5	1.85	<5	90	0.5	<2	2.69	<0.5	132	2390	546	10.55	10	0.23
H741018		2.47	<0.5	1.91	18	110	<0.5	<2	2.81	<0.5	129	2320	322	10.25	10	0.23
H741019		2.50	<0.5	1.94	<5	100	0.5	<2	2.52	<0.5	128	2330	156	10.20	10	0.27
H741020		0.08	<0.5	6.46	<5	910	1.0	<2	1.34	<0.5	3	38	81	1.61	10	2.07
H741021		4.88	<0.5	1.85	<5	90	<0.5	<2	2.43	<0.5	130	2370	320	10.10	10	0.25
H741022		4.99	<0.5	1.74	<5	90	<0.5	<2	2.43	<0.5	135	2540	291	10.30	10	0.23
H741023		4.91	<0.5	1.56	<5	70	<0.5	<2	2.12	<0.5	139	2500	220	10.45	10	0.21
H741024		5.10	<0.5	1.48	20	80	<0.5	<2	2.10	<0.5	137	2760	372	10.40	10	0.18
H741025		5.02	<0.5	1.42	<5	70	<0.5	<2	1.94	<0.5	139	2910	462	10.55	10	0.18
H741026		5.04	<0.5	1.36	<5	70	<0.5	<2	1.79	<0.5	141	2920	394	10.50	10	0.17
H741027		2.56	<0.5	1.28	14	70	<0.5	<2	1.70	<0.5	135	2840	332	10.05	10	0.14
H741028		5.03	<0.5	1.26	<5	60	<0.5	<2	1.70	<0.5	138	2750	297	10.05	10	0.15
H741029		5.00	<0.5	1.29	5	70	<0.5	<2	1.75	<0.5	136	2830	142	10.15	10	0.14
H741030		0.10	19.2	7.21	209	450	0.7	<2	3.25	3.1	14	103	334	4.39	20	0.83
H741031		2.43	<0.5	1.26	45	60	<0.5	<2	1.69	<0.5	134	2880	166	9.69	10	0.13
H741032		2.43	<0.5	1.31	51	60	<0.5	<2	1.68	<0.5	139	2990	253	10.25	10	0.13
H741033		2.51	<0.5	1.32	20	70	<0.5	<2	1.70	<0.5	139	2820	268	10.25	10	0.14
H741034		4.53	<0.5	1.32	<5	60	<0.5	<2	1.68	<0.5	139	2810	213	10.05	10	0.12
H741035		4.64	<0.5	1.34	<5	70	<0.5	<2	1.68	<0.5	138	2870	197	10.05	10	0.13
H741036		4.65	<0.5	1.39	<5	70	<0.5	<2	1.75	<0.5	141	3020	235	10.25	10	0.15
H741037		4.85	<0.5	1.43	<5	70	<0.5	<2	1.75	<0.5	138	2990	273	10.15	10	0.16
H741038		4.81	<0.5	1.45	18	80	<0.5	<2	1.85	<0.5	135	2950	218	9.96	10	0.14
H741039		2.25	<0.5	1.52	36	70	<0.5	<2	1.80	0.5	139	3020	272	10.00	10	0.13
H741040		2.06	<0.5	1.49	39	60	<0.5	<2	1.78	<0.5	132	2910	233	9.72	10	0.13
H741041		4.66	<0.5	1.47	6	70	<0.5	<2	1.74	<0.5	139	3060	432	9.86	10	0.14

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 21-JUL-2009
Account: MGMAM

Project: SD09-127 BL

CERTIFICATE OF ANALYSIS TB09069892

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741002		10	2.19	412	<1	1.79	278	730	5	0.71	<5	9	100	<20	0.24	<10
H741003		10	2.46	441	<1	1.89	60	710	5	0.42	5	10	87	<20	0.28	10
H741004		<10	0.71	153	1	1.11	16	800	5	0.21	5	4	155	<20	0.04	<10
H741005		30	2.21	524	2	2.59	31	1120	2	0.10	<5	16	84	<20	0.75	<10
H741006		30	3.39	1125	1	3.09	51	1160	289	0.27	<5	20	101	<20	1.02	<10
H741007		20	12.30	1510	<1	0.40	735	580	297	0.69	<5	24	217	<20	0.64	<10
H741008		20	13.20	1390	<1	0.47	852	600	4	0.19	<5	18	351	<20	0.65	10
H741009		10	14.30	1450	<1	0.39	1000	520	8	0.15	<5	18	250	<20	0.61	<10
H741010		10	0.93	400	26	1.54	2320	330	10	2.27	<5	3	439	<20	0.09	<10
H741011		20	14.80	1445	<1	0.60	1040	510	6	0.09	<5	17	275	<20	0.55	<10
H741012		10	15.20	1415	<1	0.57	1000	560	4	0.05	<5	15	273	<20	0.57	<10
H741013		10	15.80	1455	1	0.50	1170	530	8	0.29	<5	14	300	<20	0.57	<10
H741014		10	15.95	1445	<1	0.59	1180	500	5	0.14	<5	13	287	<20	0.57	<10
H741015		20	16.15	1455	<1	0.59	969	500	5	0.08	<5	13	260	<20	0.59	<10
H741016		10	16.00	1435	<1	0.52	1220	500	5	0.15	<5	13	248	<20	0.54	<10
H741017		10	16.20	1475	<1	0.42	1200	490	4	0.19	<5	13	220	<20	0.54	<10
H741018		10	16.45	1465	<1	0.41	1120	450	5	0.32	<5	12	270	<20	0.52	<10
H741019		10	16.70	1450	<1	0.51	1070	460	2	0.11	<5	13	238	<20	0.51	<10
H741020		10	0.28	580	1	2.66	7	190	12	<0.01	5	5	178	<20	0.12	<10
H741021		10	16.70	1425	<1	0.49	1120	440	2	0.11	<5	12	226	<20	0.49	<10
H741022		10	17.55	1455	<1	0.41	1200	420	6	0.10	<5	12	231	<20	0.46	<10
H741023		10	17.95	1475	<1	0.34	1200	380	4	0.11	<5	11	195	<20	0.43	10
H741024		10	17.85	1510	<1	0.29	1220	370	5	0.30	<5	11	192	<20	0.40	<10
H741025		10	18.20	1480	<1	0.30	1340	350	4	0.13	<5	10	178	<20	0.39	<10
H741026		10	18.25	1470	<1	0.29	1320	330	4	0.13	<5	10	168	<20	0.37	<10
H741027		10	17.65	1415	<1	0.26	1240	320	4	0.45	<5	9	164	<20	0.34	<10
H741028		10	17.95	1415	<1	0.26	1230	310	4	0.16	<5	9	157	<20	0.34	<10
H741029		10	18.10	1440	<1	0.26	1180	330	3	0.14	<5	9	166	<20	0.37	<10
H741030		10	1.55	754	187	2.03	113	530	257	0.26	10	14	269	<20	0.32	<10
H741031		10	17.30	1485	<1	0.28	1160	320	2	0.73	<5	9	175	<20	0.34	<10
H741032		10	18.20	1495	<1	0.30	1230	340	6	0.89	5	9	173	<20	0.35	<10
H741033		10	18.35	1455	<1	0.26	1240	330	6	0.35	<5	9	178	<20	0.36	<10
H741034		10	18.25	1415	<1	0.18	1220	340	3	0.16	<5	9	153	<20	0.37	<10
H741035		10	18.35	1420	<1	0.20	1220	340	2	0.14	<5	9	168	<20	0.37	<10
H741036		10	18.75	1440	<1	0.22	1290	340	4	0.13	<5	10	169	<20	0.37	<10
H741037		10	18.55	1430	<1	0.26	1290	340	3	0.13	<5	10	174	<20	0.37	<10
H741038		10	18.35	1490	<1	0.25	1280	350	7	0.22	<5	9	196	<20	0.37	<10
H741039		10	18.35	1510	<1	0.25	1310	380	7	0.51	<5	9	188	<20	0.38	<10
H741040		10	18.05	1450	<1	0.24	1260	360	4	0.44	<5	9	179	<20	0.37	<10
H741041		10	18.35	1380	<1	0.21	1400	360	6	0.22	<5	9	177	<20	0.39	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 21-JUL-2009
Account: MGMAM

Project: SD09-127 BL

CERTIFICATE OF ANALYSIS TB09069892

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741002		<10	76	<10	59	0.003	0.0057	0.026			
H741003		<10	88	<10	66	0.003	0.0016	0.002			
H741004		<10	18	<10	11	0.002	0.0008	0.001			
H741005		<10	184	<10	73	0.002	0.0090	0.008			
H741006		<10	198	<10	394	0.003	0.0071	0.005			
H741007		<10	143	<10	352	0.010	0.102	0.110			
H741008		<10	141	<10	101	0.011	0.155	0.155			
H741009		<10	138	<10	103	0.012	0.146	0.145			
H741010		<10	39	<10	37	0.034	0.0097	0.013			
H741011		<10	120	<10	97	0.011	0.144	0.158			
H741012		<10	124	<10	102	0.011	0.143	0.154			
H741013		<10	125	<10	107	0.019	0.247	0.269			
H741014		<10	126	<10	104	0.014	0.155	0.172			
H741015		<10	131	<10	106	0.003	0.0338	0.024			
H741016		<10	129	<10	105	0.014	0.229	0.204			
H741017		<10	132	<10	109	0.013	0.179	0.165			
H741018		<10	119	<10	101	0.012	0.172	0.156			
H741019		<10	123	<10	103	0.005	0.0625	0.062			
H741020		10	16	<10	30	0.001	0.0005	<0.001			
H741021		<10	115	<10	101	0.010	0.130	0.127			
H741022		<10	111	<10	104	0.011	0.140	0.135			
H741023		<10	106	<10	106	0.009	0.119	0.119			
H741024		<10	101	<10	113	0.014	0.190	0.191			
H741025		<10	99	<10	105	0.015	0.185	0.186			
H741026		<10	94	<10	103	0.013	0.191	0.172			
H741027		<10	89	<10	99	0.012	0.158	0.150			
H741028		<10	87	<10	99	0.011	0.133	0.130			
H741029		<10	89	<10	101	0.005	0.0587	0.056			
H741030		<10	107	<10	387	0.393	0.0885	0.435			
H741031		<10	85	<10	110	0.013	0.0770	0.074			
H741032		<10	88	<10	161	0.011	0.129	0.127			
H741033		<10	87	<10	104	0.012	0.142	0.148			
H741034		<10	87	<10	99	0.010	0.0933	0.092			
H741035		<10	89	<10	98	0.008	0.0796	0.080			
H741036		<10	91	<10	102	0.009	0.111	0.111			
H741037		<10	90	<10	100	0.011	0.129	0.127			
H741038		<10	91	<10	117	0.010	0.126	0.122			
H741039		<10	94	<10	111	0.011	0.158	0.155			
H741040		<10	92	<10	103	0.010	0.130	0.125			
H741041		<10	94	<10	99	0.016	0.242	0.239			

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Finalized Date: 21-JUL-2009
Account: MGMAM

Project: SD09-127 BL

CERTIFICATE OF ANALYSIS TB09069892

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741042		4.54	<0.5	1.47	<5	70	<0.5	<2	1.77	<0.5	135	3140	230	9.56	10	0.15
H741043		4.41	<0.5	1.49	<5	70	<0.5	<2	1.77	<0.5	133	3290	273	9.62	10	0.15
H741044		4.59	<0.5	1.50	16	70	<0.5	<2	1.72	<0.5	136	3850	448	9.81	10	0.15
H741045		4.46	<0.5	1.47	9	70	<0.5	<2	1.71	<0.5	135	3600	296	9.77	10	0.14
H741045 CRD		<0.02	<0.5	1.49	5	70	<0.5	<2	1.75	<0.5	136	3640	292	9.86	10	0.14
H741046		4.59	<0.5	1.56	<5	80	<0.5	2	1.70	<0.5	136	3410	241	10.00	10	0.17
H741047		4.74	<0.5	1.51	<5	70	<0.5	<2	1.73	<0.5	137	3170	263	9.97	10	0.17
H741048		4.50	<0.5	1.57	<5	80	<0.5	<2	1.73	<0.5	137	2890	362	9.83	10	0.18
H741049		4.48	<0.5	1.58	5	70	<0.5	<2	1.82	<0.5	133	2810	231	9.72	10	0.17
H741050		0.10	1.6	6.03	<5	550	0.7	<2	1.32	<0.5	80	110	3390	4.76	20	2.50
H741051		4.40	<0.5	1.68	<5	90	<0.5	<2	1.85	<0.5	137	2940	317	9.86	10	0.21
H741052		4.37	<0.5	1.64	28	90	<0.5	<2	1.87	<0.5	133	2830	186	9.68	10	0.18
H741053		4.45	<0.5	1.56	<5	80	<0.5	<2	1.75	<0.5	130	2730	327	9.61	10	0.18
H741054		4.03	<0.5	1.65	<5	70	<0.5	<2	1.77	<0.5	131	2570	272	9.68	10	0.16
H741055		4.17	<0.5	1.76	<5	90	<0.5	<2	1.93	<0.5	134	2670	239	9.99	10	0.20
H741056		4.71	<0.5	2.05	39	120	0.5	<2	2.02	<0.5	128	2500	234	9.47	10	0.19
H741057		3.36	<0.5	1.77	7	110	0.5	<2	2.12	<0.5	133	2780	204	9.82	10	0.22
H741058		2.76	<0.5	1.81	<5	90	<0.5	<2	2.21	<0.5	132	2710	341	9.85	10	0.20
H741059		4.24	<0.5	1.80	<5	90	<0.5	3	2.34	<0.5	130	2990	301	9.92	10	0.22
H741060		0.09	<0.5	6.10	<5	890	0.9	3	1.35	<0.5	3	30	18	1.61	10	2.08
H741061		4.43	<0.5	1.80	<5	100	<0.5	2	2.28	<0.5	128	2920	388	9.77	10	0.19
H741062		3.91	<0.5	1.80	<5	70	<0.5	2	2.15	<0.5	125	2950	298	9.54	10	0.16
H741063		4.44	<0.5	1.89	7	90	<0.5	2	2.38	<0.5	128	3020	415	9.80	10	0.23
H741064		4.32	<0.5	2.02	<5	100	0.5	<2	2.53	<0.5	123	3100	260	9.72	10	0.25
H741065		4.31	<0.5	2.05	<5	90	<0.5	4	2.62	<0.5	123	3130	400	9.70	10	0.23
H741066		4.35	<0.5	2.19	<5	100	0.5	4	2.77	<0.5	122	3050	317	9.79	10	0.25
H741067		2.18	<0.5	2.31	26	100	0.5	2	2.97	<0.5	120	2970	655	9.59	10	0.22
H741068		2.04	<0.5	3.04	20	170	0.6	<2	2.93	<0.5	112	2860	490	9.34	10	0.29
H741069		2.21	<0.5	2.48	<5	120	0.5	3	2.95	<0.5	120	3150	779	9.61	10	0.24
H741070		0.10	<0.5	7.89	915	260	<0.5	2	5.34	<0.5	31	491	255	5.26	10	0.78
H741071		2.34	<0.5	3.07	115	80	1.3	4	3.43	3.4	102	2390	554	8.90	10	0.21
H741072		4.63	<0.5	3.06	20	170	0.7	2	3.25	<0.5	111	2620	625	9.44	10	0.32
H741073		4.40	<0.5	3.03	<5	140	0.6	<2	3.59	<0.5	114	2620	456	9.91	10	0.34
H741074		4.30	<0.5	3.28	<5	140	0.7	3	3.89	2.3	104	2270	290	9.51	10	0.36
H741075		2.21	<0.5	4.06	23	100	1.1	3	3.60	0.9	90	1850	403	8.96	10	0.38
H741076		2.24	<0.5	3.84	5	140	0.9	2	4.19	0.8	107	1910	1240	9.88	10	0.39
H741077		3.25	<0.5	3.63	15	60	1.0	<2	3.51	<0.5	100	1890	673	9.32	10	0.39
H741078		3.49	<0.5	7.29	19	570	1.5	2	0.58	<0.5	21	112	55	3.93	20	1.93
H741079		4.80	<0.5	7.74	10	390	2.1	4	0.77	<0.5	19	110	32	4.01	20	1.59

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

Finalized Date: 21-JUL-2009
Account: MGMAM

Project: SD09-127 BL

CERTIFICATE OF ANALYSIS TB09069892

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741042		10	18.25	1345	<1	0.23	1340	370	5	0.11	<5	9	188	<20	0.39	<10
H741043		10	18.15	1340	<1	0.20	1330	360	4	0.13	<5	10	180	<20	0.38	<10
H741044		10	18.15	1385	<1	0.19	1510	370	6	0.32	<5	10	181	<20	0.39	<10
H741045		10	17.90	1370	<1	0.18	1430	340	4	0.19	<5	9	180	<20	0.38	<10
H741045 CRD		10	18.25	1390	1	0.18	1410	350	5	0.20	<5	9	182	<20	0.37	<10
H741046		10	18.15	1390	<1	0.19	1340	370	4	0.10	<5	9	188	<20	0.40	<10
H741047		10	17.90	1385	<1	0.20	1320	370	4	0.11	<5	10	184	<20	0.40	<10
H741048		10	17.80	1370	<1	0.22	1290	380	2	0.10	<5	9	190	<20	0.42	<10
H741049		10	17.75	1395	<1	0.23	1220	390	6	0.16	<5	10	200	<20	0.42	<10
H741050		10	0.98	402	27	1.57	2440	340	10	2.31	<5	3	444	<20	0.10	<10
H741051		10	18.05	1380	1	0.25	1310	400	2	0.13	<5	10	208	<20	0.44	<10
H741052		10	17.65	1510	<1	0.23	1230	410	6	0.26	<5	10	211	<20	0.43	<10
H741053		10	17.05	1345	<1	0.22	1270	420	4	0.14	<5	10	188	<20	0.42	<10
H741054		10	16.90	1360	<1	0.20	1160	380	5	0.28	<5	9	185	<20	0.43	<10
H741055		10	17.60	1415	<1	0.29	1200	430	4	0.13	<5	10	226	<20	0.44	<10
H741056		10	16.75	1435	<1	0.30	1180	480	7	0.47	<5	9	238	<20	0.45	<10
H741057		10	17.30	1445	<1	0.29	1220	480	5	0.18	<5	10	215	<20	0.46	<10
H741058		10	17.05	1400	<1	0.29	1250	440	5	0.26	<5	11	214	<20	0.47	<10
H741059		20	17.10	1370	<1	0.34	1300	430	<2	0.13	<5	11	208	<20	0.48	<10
H741060		10	0.27	572	1	2.66	6	180	8	<0.01	<5	5	174	<20	0.12	<10
H741061		20	16.60	1345	<1	0.35	1320	440	<2	0.11	<5	11	215	<20	0.48	<10
H741062		20	16.25	1345	<1	0.23	1250	460	<2	0.35	<5	11	170	<20	0.48	<10
H741063		20	16.55	1370	<1	0.33	1330	450	<2	0.23	<5	12	232	<20	0.51	<10
H741064		20	16.35	1370	<1	0.36	1240	490	<2	0.20	<5	12	242	<20	0.53	<10
H741065		20	16.00	1335	<1	0.35	1300	440	<2	0.14	<5	12	257	<20	0.56	<10
H741066		20	15.85	1370	<1	0.38	1250	520	<2	0.18	<5	13	271	<20	0.59	<10
H741067		20	14.85	1360	<1	0.44	1330	510	3	0.59	<5	13	270	<20	0.59	<10
H741068		20	13.90	1310	<1	0.60	1200	600	4	0.84	<5	14	281	<20	0.78	<10
H741069		20	14.90	1370	<1	0.46	1410	580	<2	0.42	<5	13	291	<20	0.62	<10
H741070		10	2.93	554	7	1.11	743	280	24	0.61	5	9	170	<20	0.16	<10
H741071		30	13.70	1275	<1	0.38	1100	560	6	1.16	<5	13	203	<20	0.62	<10
H741072		30	14.05	1485	<1	0.66	1190	600	4	0.45	<5	14	338	<20	0.68	<10
H741073		20	13.95	1385	<1	0.63	1130	680	<2	0.25	<5	16	368	<20	0.77	<10
H741074		20	12.95	1380	<1	0.62	959	660	274	0.15	<5	16	312	<20	0.82	<10
H741075		30	11.95	1440	1	0.88	836	750	64	0.65	<5	15	212	<20	0.83	<10
H741076		30	11.45	1500	<1	0.81	1170	810	46	0.47	<5	18	309	<20	0.93	<10
H741077		20	11.50	1505	2	0.74	981	760	3	0.60	<5	17	160	<20	0.83	<10
H741078		20	2.21	409	1	3.23	90	710	5	0.39	<5	12	212	<20	0.33	<10
H741079		20	1.92	521	<1	3.34	61	730	4	0.63	<5	11	285	<20	0.31	<10

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

Finalized Date: 21-JUL-2009
Account: MGMAM

Project: SD09-127 BL

CERTIFICATE OF ANALYSIS TB09069892

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741042		<10	94	<10	95	0.011	0.139	0.136			
H741043		<10	94	<10	98	0.011	0.165	0.157			
H741044		<10	99	<10	106	0.015	0.213	0.208			
H741045		<10	92	<10	108	0.010	0.166	0.132			
H741045 CRD		<10	93	<10	117	0.010	0.151	0.121			
H741046		<10	96	<10	101	0.008	0.125	0.105			
H741047		<10	94	<10	99	0.009	0.147	0.127			
H741048		<10	95	<10	98	0.013	0.236	0.198			
H741049		<10	95	<10	98	0.009	0.141	0.130			
H741050		10	40	<10	38	0.014	0.0098	0.013			
H741051		<10	99	<10	98	0.012	0.177	0.154			
H741052		<10	97	<10	103	0.007	0.0960	0.083			
H741053		<10	96	<10	97	0.011	0.169	0.143			
H741054		<10	95	<10	96	0.009	0.156	0.132			
H741055		<10	99	<10	101	0.008	0.132	0.119			
H741056		<10	91	<10	122	0.008	0.104	0.097			
H741057		<10	104	<10	109	0.006	0.0942	0.080			
H741058		<10	105	<10	102	0.011	0.147	0.133			
H741059		<10	108	<10	103	0.010	0.144	0.129			
H741060		<10	16	<10	30	0.002	0.0006	<0.001			
H741061		<10	108	<10	96	0.018	0.201	0.173			
H741062		<10	110	<10	89	0.009	0.127	0.112			
H741063		<10	115	<10	118	0.012	0.196	0.173			
H741064		<10	122	<10	106	0.007	0.107	0.090			
H741065		<10	124	<10	101	0.013	0.207	0.177			
H741066		<10	132	<10	112	0.010	0.162	0.131			
H741067		<10	131	<10	113	0.021	0.342	0.296			
H741068		<10	150	<10	93	0.015	0.270	0.228			
H741069		<10	136	<10	109	0.028	0.472	0.407			
H741070		<10	63	<10	45	>1.00	>1.00	>1.00	1.42	1.24	4.81
H741071		<10	136	<10	816	0.023	0.284	0.241			
H741072		<10	147	<10	163	0.023	0.319	0.271			
H741073		<10	164	<10	103	0.016	0.207	0.180			
H741074		<10	171	<10	331	0.009	0.109	0.090			
H741075		<10	169	<10	196	0.015	0.179	0.157			
H741076		<10	191	<10	231	0.036	0.596	0.522			
H741077		<10	179	<10	126	0.022	0.281	0.250			
H741078		10	106	<10	36	0.004	0.0239	0.018			
H741079		<10	96	<10	41	0.003	0.0022	0.002			

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

Finalized Date: 30-JUL-2009
Account: MGMAM

CERTIFICATE TB09071134

Project: SD09-130 BL

P.O. No.:

This report is for 85 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-130 BL

CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741080		4.46	<0.5	7.21	<5	320	1.6	<2	0.43	<0.5	22	125	2	4.77	20	1.61
H741081		4.13	<0.5	7.17	<5	150	2.0	<2	0.35	<0.5	21	115	2	4.44	20	1.45
H741082		2.01	<0.5	4.90	12	260	1.4	<2	0.33	<0.5	26	173	48	4.85	10	0.68
H741083		4.52	<0.5	6.74	<5	670	1.3	<2	1.23	<0.5	22	73	2	5.49	20	1.47
H741083 CRD		<0.02	<0.5	6.81	<5	660	1.3	<2	1.19	<0.5	22	76	3	5.48	20	1.46
H741084		4.07	<0.5	7.00	17	570	2.0	<2	1.37	<0.5	26	33	89	6.49	20	1.19
H741085		4.44	<0.5	3.06	28	120	0.9	<2	4.99	<0.5	100	926	208	9.45	10	0.27
H741086		4.55	<0.5	2.38	5	140	0.6	<2	3.71	<0.5	117	1020	260	9.94	10	0.37
H741087		4.44	<0.5	2.48	7	120	0.6	<2	3.64	<0.5	113	1410	164	9.62	10	0.35
H741088		4.56	<0.5	2.19	13	110	0.5	<2	3.49	<0.5	119	1680	238	9.97	<10	0.30
H741089		4.69	<0.5	2.03	9	100	0.5	<2	3.40	<0.5	121	1880	152	10.05	<10	0.30
H741090		0.10	1.6	5.75	8	760	0.7	<2	1.26	<0.5	78	99	3220	4.59	10	2.34
H741091		4.58	<0.5	1.95	13	90	<0.5	<2	2.95	<0.5	125	1730	445	9.98	<10	0.31
H741092		4.69	0.5	2.20	14	120	0.5	<2	3.07	<0.5	128	2110	246	10.10	<10	0.33
H741093		4.61	<0.5	2.27	6	120	0.6	<2	2.75	<0.5	131	2330	271	10.45	<10	0.34
H741094		4.51	<0.5	2.25	12	120	0.5	<2	3.17	0.5	125	2280	216	9.96	<10	0.25
H741095		4.70	<0.5	1.98	12	100	0.5	<2	2.82	<0.5	131	2660	410	10.30	<10	0.24
H741096		4.60	0.5	1.96	6	90	0.5	<2	2.58	<0.5	134	2610	336	10.40	<10	0.25
H741097		4.72	<0.5	1.83	<5	80	<0.5	<2	2.57	<0.5	133	2700	257	10.05	<10	0.18
H741098		4.68	<0.5	1.74	8	90	<0.5	<2	2.68	<0.5	134	2760	208	10.25	<10	0.19
H741099		4.73	<0.5	1.66	<5	80	<0.5	<2	2.29	<0.5	137	2880	131	10.45	<10	0.18
H741100		0.09	<0.5	5.82	<5	840	0.9	<2	1.24	<0.5	2	20	17	1.49	10	1.95
H741101		4.63	<0.5	1.51	10	80	<0.5	<2	2.31	<0.5	140	2970	220	10.65	<10	0.18
H741102		4.79	<0.5	1.38	45	70	<0.5	<2	2.10	<0.5	144	3040	384	10.80	<10	0.16
H741103		4.75	<0.5	1.36	33	80	<0.5	<2	1.97	<0.5	146	3280	208	10.85	<10	0.14
H741103 CRD		<0.02	<0.5	1.35	26	70	<0.5	<2	1.96	<0.5	146	3350	215	10.80	<10	0.14
H741104		4.70	<0.5	1.29	15	70	<0.5	<2	2.07	<0.5	146	2970	263	10.60	<10	0.14
H741105		4.72	<0.5	1.27	15	60	<0.5	<2	1.84	<0.5	147	2780	146	10.55	<10	0.14
H741106		4.61	<0.5	1.27	<5	60	<0.5	<2	1.69	<0.5	147	2930	182	10.55	<10	0.16
H741107		4.66	<0.5	1.30	7	60	<0.5	<2	1.69	<0.5	148	2980	174	10.65	<10	0.17
H741108		4.52	<0.5	1.27	10	70	<0.5	<2	1.73	<0.5	143	3100	106	10.25	<10	0.16
H741109		4.48	<0.5	1.35	5	70	<0.5	<2	1.74	<0.5	150	3240	125	10.65	<10	0.18
H741110		0.10	16.1	7.27	232	470	0.7	<2	3.37	3.1	15	117	344	4.41	10	0.85
H741111		4.54	<0.5	1.36	<5	70	<0.5	<2	1.73	<0.5	149	3200	210	10.55	<10	0.19
H741112		4.25	<0.5	1.33	9	60	<0.5	<2	2.06	<0.5	139	2820	191	9.84	<10	0.12
H741113		3.98	<0.5	1.40	<5	70	<0.5	<2	1.68	<0.5	140	2920	195	10.10	<10	0.13
H741114		4.03	<0.5	1.41	21	70	<0.5	<2	2.10	<0.5	140	2990	159	9.96	<10	0.13
H741115		4.17	<0.5	1.45	<5	70	<0.5	<2	1.74	<0.5	140	3070	140	10.00	<10	0.14
H741116		4.18	<0.5	1.42	5	70	<0.5	<2	1.70	<0.5	136	3060	116	9.65	<10	0.14
H741117		4.43	<0.5	1.50	<5	70	<0.5	<2	1.74	<0.5	138	3080	178	9.67	<10	0.13

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-130 BL

CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741080		30	2.15	440	<1	2.19	92	800	<2	0.20	<5	13	100	<20	0.36	<10
H741081		30	2.27	400	<1	1.71	93	720	<2	0.18	<5	12	68	<20	0.37	<10
H741082		10	2.60	461	1	1.13	111	590	<2	0.77	<5	12	43	<20	0.36	<10
H741083		30	2.46	581	<1	2.84	31	950	<2	0.12	<5	17	127	<20	0.72	<10
H741083 CRD		30	2.49	569	<1	2.86	32	940	<2	0.11	<5	17	127	<20	0.72	<10
H741084		30	2.88	739	<1	2.90	17	1120	<2	1.19	<5	20	158	<20	0.98	<10
H741085		20	12.10	1575	<1	0.46	702	670	94	0.16	<5	22	231	<20	0.75	<10
H741086		20	14.15	1445	<1	0.47	894	560	<2	0.16	<5	17	338	<20	0.57	<10
H741087		20	13.85	1400	<1	0.37	879	660	<2	0.12	<5	16	332	<20	0.61	<10
H741088		20	14.50	1435	<1	0.36	979	500	<2	0.38	<5	16	300	<20	0.56	<10
H741089		20	15.10	1455	<1	0.40	927	480	<2	0.24	<5	16	252	<20	0.54	<10
H741090		10	0.83	381	26	1.46	2430	320	5	2.13	<5	3	403	<20	0.09	<10
H741091		20	15.55	1440	<1	0.40	1110	480	<2	0.42	<5	14	248	<20	0.49	<10
H741092		20	15.85	1465	<1	0.42	1075	560	<2	0.37	<5	14	301	<20	0.54	<10
H741093		20	16.60	1505	<1	0.47	1180	570	<2	0.17	<5	13	293	<20	0.57	<10
H741094		20	15.65	1450	<1	0.40	1075	510	11	0.24	<5	14	274	<20	0.58	<10
H741095		20	16.25	1500	<1	0.44	1215	490	<2	0.20	<5	13	262	<20	0.52	<10
H741096		20	16.75	1485	<1	0.45	1215	490	<2	0.08	<5	12	261	<20	0.50	<10
H741097		20	16.65	1500	1	0.34	1190	460	<2	0.16	<5	12	229	<20	0.49	<10
H741098		20	17.05	1485	<1	0.35	1205	430	<2	0.16	<5	12	241	<20	0.46	<10
H741099		10	17.70	1510	<1	0.31	1225	410	<2	0.10	<5	12	210	<20	0.43	<10
H741100		10	0.19	549	<1	2.47	6	170	3	0.01	<5	4	159	<20	0.11	<10
H741101		10	18.05	1545	<1	0.28	1265	380	<2	0.22	<5	11	198	<20	0.41	<10
H741102		10	18.40	1655	<1	0.26	1440	360	<2	0.46	<5	10	187	<20	0.37	<10
H741103		10	18.80	1690	<1	0.25	1375	350	6	0.41	<5	10	184	<20	0.36	<10
H741103 CRD		10	18.75	1655	<1	0.25	1375	350	3	0.36	<5	10	176	<20	0.37	<10
H741104		10	18.65	1540	<1	0.20	1350	340	<2	0.41	<5	10	169	<20	0.35	<10
H741105		10	18.75	1555	<1	0.24	1310	340	<2	0.19	<5	9	171	<20	0.34	<10
H741106		10	18.85	1500	<1	0.25	1340	340	<2	0.10	<5	9	156	<20	0.35	<10
H741107		10	19.20	1515	<1	0.24	1365	340	<2	0.09	<5	9	156	<20	0.35	<10
H741108		10	18.50	1510	<1	0.24	1300	340	<2	0.17	<5	9	167	<20	0.34	<10
H741109		10	19.30	1515	<1	0.25	1370	350	<2	0.09	<5	10	163	<20	0.36	<10
H741110		10	1.56	789	197	2.07	113	560	263	0.26	9	14	276	<20	0.32	<10
H741111		10	19.05	1505	1	0.26	1410	340	<2	0.10	<5	10	165	<20	0.36	<10
H741112		10	17.95	1435	<1	0.14	1325	340	<2	0.25	<5	9	168	<20	0.35	<10
H741113		10	18.35	1440	<1	0.15	1365	350	<2	0.10	<5	9	159	<20	0.36	<10
H741114		10	18.20	1570	<1	0.16	1360	370	<2	0.22	<5	9	198	<20	0.36	<10
H741115		10	18.40	1415	<1	0.17	1370	360	<2	0.10	<5	9	171	<20	0.36	<10
H741116		10	17.95	1370	<1	0.18	1335	350	<2	0.09	<5	9	166	<20	0.36	<10
H741117		10	18.15	1375	<1	0.20	1380	370	<2	0.14	<5	9	178	<20	0.37	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-130 BL

CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741080		<10	111	<10	79	0.002	0.0024	0.003			
H741081		<10	114	<10	65	0.002	0.0035	0.003			
H741082		<10	93	<10	62	0.004	0.0345	0.032			
H741083		<10	172	<10	73	0.002	0.0061	0.004			
H741083 CRD		<10	173	<10	72	0.001	0.0079	0.005			
H741084		10	214	<10	78	0.001	0.0007	<0.001			
H741085		<10	157	<10	146	0.007	0.0702	0.068			
H741086		<10	121	<10	99	0.005	0.0530	0.052			
H741087		<10	131	<10	99	0.004	0.0413	0.040			
H741088		<10	126	<10	99	0.014	0.0615	0.067			
H741089		<10	125	<10	98	0.003	0.0352	0.027			
H741090		10	38	<10	33	0.012	0.0082	0.012			
H741091		<10	112	<10	99	0.010	0.144	0.138			
H741092		<10	121	<10	104	0.005	0.0641	0.062			
H741093		<10	126	<10	104	0.008	0.0997	0.095			
H741094		<10	127	<10	134	0.006	0.0770	0.072			
H741095		<10	121	<10	105	0.011	0.150	0.148			
H741096		<10	120	<10	102	0.008	0.121	0.109			
H741097		<10	114	<10	99	0.005	0.0583	0.056			
H741098		<10	113	<10	104	0.008	0.106	0.098			
H741099		<10	107	<10	105	0.004	0.0593	0.062			
H741100		10	15	<10	27	0.001	0.0009	<0.001			
H741101		<10	102	<10	131	0.006	0.0966	0.091			
H741102		<10	94	<10	125	0.011	0.146	0.132			
H741103		<10	94	<10	117	0.006	0.0891	0.081			
H741103 CRD		10	95	<10	117	0.006	0.0963	0.087			
H741104		<10	90	<10	108	0.009	0.139	0.125			
H741105		<10	87	<10	106	0.006	0.0728	0.073			
H741106		<10	87	<10	102	0.006	0.0975	0.091			
H741107		<10	86	<10	101	0.006	0.0704	0.064			
H741108		<10	84	<10	100	0.005	0.0615	0.050			
H741109		<10	90	<10	104	0.004	0.0574	0.050			
H741110		<10	106	<10	387	0.388	0.103	0.448			
H741111		<10	91	<10	103	0.012	0.0942	0.091			
H741112		<10	86	<10	103	0.007	0.0863	0.079			
H741113		<10	88	<10	99	0.006	0.0887	0.081			
H741114		<10	88	<10	106	0.007	0.0878	0.076			
H741115		<10	91	<10	96	0.007	0.0950	0.083			
H741116		<10	91	<10	91	0.005	0.0812	0.068			
H741117		<10	93	<10	93	0.006	0.0893	0.074			

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-130 BL

CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741118		4.25	<0.5	1.47	9	70	<0.5	<2	1.70	<0.5	137	3210	208	9.55	<10	0.12
H741119		2.18	<0.5	1.45	17	70	<0.5	<2	1.83	<0.5	136	3580	357	9.48	<10	0.12
H741120		1.92	<0.5	1.43	15	70	<0.5	<2	1.85	<0.5	134	3500	410	9.43	<10	0.12
H741121		4.44	<0.5	1.48	10	60	<0.5	<2	1.89	<0.5	134	4140	252	9.70	<10	0.12
H741122		4.34	<0.5	1.49	<5	80	<0.5	<2	1.71	<0.5	139	4180	230	9.96	<10	0.14
H741123		4.45	<0.5	1.59	26	70	<0.5	<2	1.77	<0.5	140	3620	255	10.15	<10	0.15
H741123 CRD		<0.02	<0.5	1.54	24	70	<0.5	<2	1.72	<0.5	138	3420	250	9.90	<10	0.15
H741124		4.35	<0.5	1.56	11	80	<0.5	<2	1.91	<0.5	136	3110	140	9.92	<10	0.17
H741125		4.49	<0.5	1.56	16	90	<0.5	<2	1.95	<0.5	135	3070	244	9.81	<10	0.16
H741126		4.35	<0.5	1.62	10	80	<0.5	<2	1.83	<0.5	139	2840	449	9.87	<10	0.16
H741127		4.13	<0.5	2.18	27	90	0.5	<2	2.34	<0.5	130	2580	165	9.61	<10	0.22
H741128		4.35	<0.5	1.66	<5	80	<0.5	<2	1.83	<0.5	135	2850	272	9.77	<10	0.18
H741129		4.52	<0.5	1.73	<5	90	<0.5	<2	1.87	<0.5	139	2870	427	10.05	<10	0.18
H741130		0.11	1.6	5.80	<5	770	0.7	<2	1.32	<0.5	81	103	3420	4.71	10	2.47
H741131		4.66	<0.5	1.83	<5	90	<0.5	<2	1.93	<0.5	141	3070	437	10.35	<10	0.20
H741132		4.49	<0.5	1.73	<5	80	<0.5	<2	2.03	<0.5	138	2920	235	10.25	<10	0.19
H741133		2.73	<0.5	1.73	35	90	<0.5	<2	2.47	<0.5	136	2630	344	10.05	<10	0.17
H741134		4.64	<0.5	1.79	<5	90	<0.5	<2	2.09	<0.5	138	2730	301	10.20	<10	0.20
H741135		4.64	<0.5	1.83	<5	90	<0.5	<2	2.13	<0.5	136	2560	602	10.05	<10	0.21
H741136		2.35	<0.5	1.79	40	70	<0.5	<2	2.78	<0.5	129	2780	429	9.48	<10	0.15
H741137		2.70	0.5	1.13	42	70	0.5	<2	2.78	0.5	133	2810	659	9.63	<10	0.16
H741138		4.57	0.6	1.87	8	90	<0.5	<2	2.52	<0.5	132	2880	520	9.81	<10	0.23
H741139		2.16	1.3	3.67	27	250	0.9	<2	3.05	<0.5	96	2150	217	8.54	10	0.29
H741140		0.09	0.5	6.25	5	920	1.0	<2	1.36	<0.5	2	32	17	1.61	10	2.16
H741141		4.46	<0.5	2.14	19	100	0.5	<2	2.81	<0.5	127	2870	431	9.81	<10	0.24
H741142		4.61	<0.5	2.47	<5	130	0.6	<2	2.51	<0.5	124	2700	373	9.70	<10	0.31
H741143		4.99	<0.5	2.21	<5	100	0.5	<2	2.63	<0.5	128	3050	421	10.15	<10	0.25
H741143 CRD		<0.02	0.6	2.22	7	100	0.5	<2	2.63	<0.5	126	2860	425	10.05	<10	0.25
H741144		4.87	0.6	2.27	8	100	<0.5	<2	2.86	<0.5	128	2950	440	10.30	<10	0.26
H741145		4.69	0.6	2.43	15	110	0.5	<2	2.90	<0.5	121	3020	385	9.86	<10	0.29
H741146		4.68	0.6	2.53	<5	130	0.6	<2	2.97	<0.5	124	3030	554	10.15	<10	0.31
H741147		4.68	0.6	2.33	<5	130	0.6	<2	3.00	<0.5	122	3190	501	10.20	10	0.34
H741148		4.54	0.8	2.69	5	120	0.6	2	3.09	<0.5	126	2760	854	10.05	<10	0.36
H741149		4.37	0.7	2.98	<5	120	0.6	<2	3.48	<0.5	119	2710	649	10.25	10	0.42
H741150		0.10	0.6	8.52	935	270	<0.5	<2	5.57	<0.5	30	472	265	5.38	10	0.81
H741151		2.23	0.8	3.20	22	150	0.7	<2	3.60	<0.5	104	2420	321	9.53	10	0.36
H741152		2.36	0.8	3.40	5	150	0.7	<2	3.75	<0.5	104	2140	459	9.61	10	0.40
H741153		2.07	0.9	3.51	13	150	0.8	<2	3.68	<0.5	107	2140	781	9.74	10	0.41
H741154		2.17	1.1	3.48	8	210	0.8	<2	3.57	<0.5	111	1980	1275	9.60	10	0.42
H741155		1.94	1.9	3.43	10	230	0.7	<2	3.55	<0.5	125	1940	2440	10.50	10	0.42

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CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741118		10	18.10	1350	<1	0.12	1385	370	<2	0.20	<5	9	175	<20	0.37	<10
H741119		10	17.70	1400	<1	0.15	1460	370	<2	0.30	<5	10	178	<20	0.36	<10
H741120		10	17.60	1415	<1	0.15	1480	360	<2	0.32	<5	9	184	<20	0.36	<10
H741121		10	17.85	1390	<1	0.15	1490	350	<2	0.25	<5	9	174	<20	0.38	<10
H741122		10	18.30	1395	<1	0.15	1505	360	<2	0.12	<5	9	183	<20	0.38	<10
H741123		10	18.25	1505	1	0.18	1485	370	4	0.28	<5	10	202	<20	0.40	<10
H741123 CRD		10	17.90	1455	<1	0.18	1460	360	2	0.26	<5	9	194	<20	0.38	<10
H741124		10	17.70	1465	<1	0.21	1340	410	2	0.16	<5	10	204	<20	0.40	<10
H741125		10	17.40	1485	<1	0.22	1310	390	<2	0.22	<5	10	216	<20	0.38	<10
H741126		10	17.50	1395	<1	0.20	1375	400	<2	0.28	<5	9	212	<20	0.39	<10
H741127		20	16.85	1500	<1	0.22	1205	470	7	0.41	<5	11	202	<20	0.51	<10
H741128		10	17.40	1385	1	0.21	1335	440	<2	0.11	<5	10	196	<20	0.43	<10
H741129		20	17.55	1405	<1	0.21	1425	460	<2	0.13	<5	10	203	<20	0.45	<10
H741130		10	0.91	400	26	1.53	2530	340	5	2.31	<5	3	436	<20	0.09	<10
H741131		10	17.70	1460	<1	0.26	1430	440	<2	0.13	<5	10	219	<20	0.45	<10
H741132		10	17.55	1455	<1	0.27	1285	420	<2	0.10	<5	10	225	<20	0.45	<10
H741133		10	16.95	1605	<1	0.27	1265	460	8	0.39	<5	10	515	<20	0.44	<10
H741134		10	17.25	1440	<1	0.30	1280	480	<2	0.14	<5	11	229	<20	0.45	<10
H741135		20	16.90	1410	<1	0.32	1360	480	<2	0.21	<5	11	226	<20	0.46	<10
H741136		10	15.75	1415	<1	0.25	1260	430	8	0.52	<5	10	204	<20	0.44	<10
H741137		20	15.45	1605	<1	0.26	1390	530	9	0.67	<5	5	223	<20	0.47	<10
H741138		20	16.30	1425	<1	0.34	1360	460	4	0.25	<5	12	251	<20	0.50	<10
H741139		30	13.45	1340	1	1.21	925	820	16	1.03	<5	13	1435	<20	0.67	<10
H741140		10	0.22	594	1	2.71	4	190	5	<0.01	<5	5	179	<20	0.12	<10
H741141		20	16.60	1410	1	0.35	1335	560	3	0.28	<5	12	245	<20	0.52	<10
H741142		20	16.55	1385	1	0.53	1300	600	<2	0.13	<5	11	304	<20	0.57	<10
H741143		20	16.85	1425	<1	0.51	1365	530	2	0.08	<5	13	269	<20	0.58	10
H741143 CRD		20	16.85	1415	1	0.51	1350	530	33	0.08	<5	13	268	<20	0.57	<10
H741144		20	16.95	1465	<1	0.51	1365	590	<2	0.23	<5	13	293	<20	0.59	<10
H741145		20	15.95	1400	<1	0.54	1290	530	<2	0.15	<5	13	292	<20	0.62	<10
H741146		20	16.10	1415	<1	0.68	1390	620	<2	0.11	<5	14	310	<20	0.65	<10
H741147		20	15.85	1425	1	0.71	1365	600	2	0.12	<5	12	303	<20	0.67	<10
H741148		20	15.20	1390	1	0.59	1465	580	<2	0.33	<5	14	321	<20	0.67	<10
H741149		20	14.75	1425	<1	0.63	1310	710	<2	0.16	<5	16	346	<20	0.76	<10
H741150		10	2.96	579	7	1.12	748	300	17	0.65	8	10	177	<20	0.16	<10
H741151		20	13.30	1370	1	0.56	1025	750	<2	0.39	<5	16	329	<20	0.77	10
H741152		20	12.85	1375	1	0.63	1045	740	<2	0.45	<5	17	366	<20	0.81	<10
H741153		20	12.35	1365	<1	0.61	1145	760	<2	0.61	<5	17	356	<20	0.84	<10
H741154		20	11.90	1315	<1	0.57	1345	770	3	0.69	<5	16	336	<20	0.81	10
H741155		20	12.30	1390	2	0.58	1725	770	3	0.85	<5	16	372	<20	0.82	<10

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-130 BL

CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741118		<10	92	<10	95	0.007	0.118	0.101			
H741119		<10	93	<10	128	0.010	0.151	0.134			
H741120		<10	91	<10	103	0.013	0.169	0.148			
H741121		<10	99	<10	112	0.009	0.140	0.113			
H741122		<10	97	<10	99	0.009	0.135	0.104			
H741123		<10	97	<10	114	0.010	0.161	0.136			
H741123 CRD		<10	94	<10	106	0.009	0.146	0.122			
H741124		<10	94	<10	167	0.007	0.0986	0.084			
H741125		<10	94	<10	161	0.009	0.157	0.133			
H741126		<10	92	<10	96	0.017	0.289	0.258			
H741127		<10	108	<10	117	0.006	0.0864	0.078			
H741128		<10	97	<10	96	0.010	0.139	0.133			
H741129		<10	101	<10	98	0.013	0.215	0.194			
H741130		10	39	<10	35	0.012	0.0086	0.011			
H741131		<10	103	<10	103	0.014	0.225	0.192			
H741132		<10	103	<10	100	0.010	0.140	0.119			
H741133		<10	100	<10	145	0.011	0.163	0.154			
H741134		<10	103	<10	100	0.010	0.148	0.134			
H741135		<10	102	<10	98	0.020	0.289	0.289			
H741136		<10	103	<10	194	0.014	0.226	0.207			
H741137		<10	106	<10	221	0.022	0.347	0.330			
H741138		<10	115	<10	113	0.017	0.262	0.241			
H741139		<10	125	<10	158	0.007	0.0879	0.074			
H741140		10	16	<10	30	0.001	0.0009	<0.001			
H741141		<10	114	<10	95	0.014	0.206	0.188			
H741142		<10	117	<10	97	0.013	0.194	0.170			
H741143		<10	124	<10	100	0.014	0.201	0.183			
H741143 CRD		<10	124	<10	100	0.014	0.202	0.185			
H741144		<10	132	<10	104	0.016	0.249	0.213			
H741145		<10	132	<10	100	0.013	0.191	0.169			
H741146		<10	142	<10	103	0.021	0.351	0.312			
H741147		<10	146	<10	103	0.018	0.284	0.230			
H741148		<10	144	<10	101	0.030	0.502	0.446			
H741149		<10	161	<10	104	0.023	0.340	0.290			
H741150		<10	64	<10	45	0.989	>1.00	>1.00	1.30	1.24	4.66
H741151		<10	165	<10	107	0.015	0.145	0.130			
H741152		<10	172	<10	103	0.015	0.237	0.204			
H741153		<10	176	<10	101	0.024	0.380	0.347			
H741154		<10	172	<10	103	0.037	0.689	0.619			
H741155		<10	168	<10	106	0.066	>1.00	>1.00	0.08	1.19	1.08

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Finalized Date: 30-JUL-2009
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Project: SD09-130 BL

CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741156		2.36	5.8	3.42	18	120	0.7	2	3.17	<0.5	274	1430	9420	14.60	<10	0.35
H741157		2.55	5.9	3.93	128	90	1.2	3	3.05	0.9	204	1170	8420	12.70	10	0.50
H741158		3.80	0.8	8.12	19	660	2.1	<2	1.02	<0.5	47	245	1185	5.34	20	2.22
H741159		2.19	<0.5	8.06	10	420	11.3	<2	0.75	<0.5	17	91	46	3.61	20	1.73
H741160		2.02	<0.5	8.27	19	440	16.5	<2	0.78	<0.5	17	92	40	3.67	20	1.80

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CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H741156		20	10.10	1375	2	0.55	5580	760	10	5.55	<5	16	110	<20	0.82	<10
H741157		30	9.58	1495	1	0.90	3620	700	16	5.93	<5	17	113	<20	0.75	<10
H741158		20	2.55	587	1	2.56	717	850	2	1.56	<5	14	198	<20	0.35	<10
H741159		30	1.62	482	1	2.95	64	1120	<2	0.72	<5	11	236	<20	0.29	<10
H741160		30	1.63	490	1	3.00	60	1290	3	0.74	<5	11	241	<20	0.30	<10

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CERTIFICATE OF ANALYSIS TB09071134

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741156		<10	173	<10	92	0.224	>1.00	>1.00	0.22	4.57	4.33
H741157		<10	169	<10	219	0.285	>1.00	>1.00	0.29	4.56	3.94
H741158		<10	113	<10	22	0.042	0.602	0.573			
H741159		10	92	<10	24	0.003	0.0121	0.010			
H741160		10	93	<10	25	0.002	0.0035	0.003			

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Finalized Date: 30-JUL-2009
Account: MGMAM

CERTIFICATE TB09072208

Project: SD09-131 BL

P.O. No.:

This report is for 101 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168201		1.86	<0.5	1.15	29	50	<0.5	2	1.76	<0.5	134	2860	189	9.77	<10	0.11
G168202		1.88	<0.5	1.80	8	100	<0.5	3	2.16	<0.5	127	3460	350	9.53	10	0.19
H741161		4.68	<0.5	7.80	12	690	2.2	<2	0.51	<0.5	23	144	37	4.66	20	2.50
H741162		4.51	<0.5	6.84	15	750	2.2	<2	0.48	<0.5	21	186	47	4.91	20	2.04
H741163		3.14	<0.5	6.12	27	350	1.8	<2	1.30	<0.5	40	141	41	8.91	20	0.71
H741163 CRD		0.02	<0.5	5.95	30	420	1.7	<2	1.27	<0.5	37	140	38	8.36	20	0.67
H741164		4.37	<0.5	6.37	19	370	1.9	<2	1.25	<0.5	37	158	83	7.78	20	0.66
H741165		4.62	<0.5	5.80	11	330	1.6	<2	1.13	<0.5	31	164	26	6.53	20	0.46
H741166		4.71	<0.5	6.18	14	280	1.8	<2	1.10	<0.5	33	181	87	6.51	20	0.49
H741167		3.22	<0.5	6.33	13	220	1.7	<2	1.99	<0.5	30	152	125	6.60	20	0.49
H741168		4.36	<0.5	7.57	10	850	2.1	2	0.46	<0.5	19	120	9	4.26	20	2.41
H741169		5.53	<0.5	7.28	15	370	2.0	2	0.47	<0.5	23	119	19	4.61	20	1.68
H741170		0.10	1.6	5.53	<5	770	0.7	<2	1.28	<0.5	77	106	3370	4.58	10	2.46
H741171		3.90	<0.5	6.86	11	280	2.0	<2	0.28	<0.5	16	150	36	3.97	20	1.79
H741172		3.70	<0.5	7.35	13	430	2.1	2	0.42	<0.5	22	127	9	5.32	20	1.64
H741173		3.91	<0.5	7.01	14	600	1.6	<2	1.51	<0.5	23	59	6	6.31	20	1.19
H741174		4.07	<0.5	7.28	10	570	1.8	<2	1.79	<0.5	23	69	51	6.45	20	1.23
H741175		2.21	<0.5	6.34	7	230	1.8	<2	3.96	<0.5	38	183	307	7.88	20	0.40
H741176		4.59	<0.5	2.83	49	60	0.8	<2	4.70	0.5	98	806	184	9.19	10	0.18
H741177		4.72	<0.5	1.94	7	110	0.5	<2	3.24	<0.5	101	786	153	8.57	10	0.30
H741178		4.95	<0.5	2.29	10	130	0.6	<2	3.19	<0.5	116	878	114	9.63	10	0.36
H741179		4.81	<0.5	2.36	12	140	0.6	<2	2.96	<0.5	114	1165	160	9.61	10	0.37
H741180		0.08	<0.5	6.07	<5	980	1.0	<2	1.33	<0.5	3	23	16	1.59	10	2.06
H741181		4.79	<0.5	2.16	<5	110	0.5	<2	3.16	<0.5	128	1450	459	10.40	10	0.32
H741182		5.12	0.7	1.86	17	90	<0.5	<2	3.34	<0.5	123	1845	728	9.96	10	0.26
H741183		4.87	<0.5	2.22	5	110	0.6	<2	3.26	<0.5	124	2350	386	10.15	10	0.29
H741183 CRD		0.02	<0.5	2.21	<5	110	0.6	<2	3.29	<0.5	121	2320	372	10.05	10	0.28
H741184		5.01	<0.5	2.34	34	110	0.6	<2	4.22	<0.5	104	2050	251	9.04	10	0.36
H741185		4.95	0.6	2.23	<5	100	0.5	<2	2.81	<0.5	121	2550	364	9.78	10	0.35
H741186		4.86	<0.5	2.07	23	100	0.5	<2	2.77	<0.5	122	2640	307	9.85	10	0.30
H741187		4.91	<0.5	1.96	9	90	0.5	2	2.51	<0.5	123	2660	376	9.89	10	0.27
H741188		4.61	<0.5	1.84	33	90	0.5	2	2.69	<0.5	124	2610	271	9.67	10	0.25
H741189		4.70	<0.5	1.71	10	80	<0.5	<2	2.44	<0.5	130	2680	263	9.93	10	0.22
H741190		0.10	17.1	7.06	194	450	0.7	<2	3.22	3.0	14	99	327	4.19	10	0.84
H741191		4.93	<0.5	1.47	<5	70	<0.5	<2	2.03	<0.5	117	2460	289	9.04	10	0.21
H741192		4.83	<0.5	1.54	41	100	<0.5	<2	2.41	<0.5	129	2840	130	10.00	10	0.20
H741193		4.69	<0.5	1.42	22	70	<0.5	<2	2.15	<0.5	136	2730	247	10.35	10	0.20
H741194		4.60	<0.5	1.32	60	60	<0.5	<2	2.22	<0.5	133	3130	122	9.91	<10	0.14
H741195		4.75	<0.5	1.30	54	70	<0.5	<2	1.98	<0.5	126	2930	152	9.52	<10	0.14
H741196		4.21	<0.5	1.33	21	60	<0.5	<2	1.89	<0.5	134	3000	186	9.93	<10	0.15

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Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168201		20	17.60	1370	<1	0.15	1260	300	<2	0.32	<5	8	168	<20	0.31	<10
G168202		20	16.45	1375	<1	0.40	1390	490	3	0.19	<5	11	220	<20	0.46	<10
H741161		20	2.21	516	2	1.42	89	950	6	1.09	<5	15	101	<20	0.38	<10
H741162		20	2.45	608	1	1.14	75	1190	11	1.37	<5	12	78	<20	0.26	<10
H741163		30	3.51	698	2	1.67	110	1310	10	4.25	<5	26	56	<20	0.99	<10
H741163 CRD		30	3.35	668	1	1.66	106	1280	15	3.93	<5	25	56	<20	0.97	<10
H741164		30	3.54	1085	1	1.90	99	1570	5	1.92	<5	25	58	<20	1.16	<10
H741165		30	3.33	927	<1	1.93	99	1050	<2	0.81	<5	19	45	<20	0.98	<10
H741166		30	3.48	849	1	2.07	108	1100	<2	0.80	<5	21	63	<20	1.08	<10
H741167		30	3.25	940	1	2.11	87	1090	<2	1.26	<5	20	64	<20	1.07	<10
H741168		10	1.95	499	<1	1.68	63	650	6	0.80	<5	13	111	<20	0.33	<10
H741169		20	1.91	420	1	1.75	73	870	8	1.53	<5	13	103	<20	0.34	<10
H741170		10	0.86	385	26	1.52	2480	340	7	2.25	<5	3	429	<20	0.09	<10
H741171		10	2.14	379	1	1.12	76	770	3	0.57	<5	9	80	<20	0.26	<10
H741172		20	2.73	551	1	1.46	74	740	3	0.59	<5	14	76	<20	0.53	<10
H741173		30	2.91	657	8	2.92	22	1090	<2	0.34	<5	19	132	<20	0.88	<10
H741174		30	2.87	692	5	3.17	21	1200	<2	0.12	<5	19	183	<20	0.92	<10
H741175		30	4.72	2440	1	2.73	89	1180	18	0.15	<5	20	287	<20	1.32	<10
H741176		20	11.80	1685	1	0.21	688	640	94	0.17	<5	21	128	<20	0.74	<10
H741177		20	12.35	1245	<1	0.37	777	480	<2	0.17	<5	15	240	<20	0.50	<10
H741178		20	14.50	1400	<1	0.43	903	560	<2	0.23	<5	15	287	<20	0.58	<10
H741179		20	14.25	1390	<1	0.40	880	600	<2	0.23	<5	14	293	<20	0.57	<10
H741180		10	0.23	573	1	2.61	5	190	9	0.01	<5	5	173	<20	0.12	<10
H741181		20	15.35	1460	<1	0.38	1040	540	2	0.28	<5	15	272	<20	0.55	<10
H741182		20	14.55	1405	1	0.33	1150	450	<2	0.41	<5	16	237	<20	0.50	<10
H741183		20	14.95	1440	<1	0.49	1090	580	2	0.13	<5	15	263	<20	0.59	<10
H741183 CRD		20	14.80	1430	<1	0.48	1070	570	3	0.13	<5	15	261	<20	0.57	<10
H741184		20	12.90	1295	<1	0.58	826	570	2	0.77	<5	21	239	<20	0.64	<10
H741185		20	14.95	1390	<1	0.56	1100	530	<2	0.14	<5	13	289	<20	0.57	<10
H741186		20	15.30	1435	<1	0.43	1130	490	<2	0.32	<5	12	287	<20	0.54	<10
H741187		20	15.65	1400	<1	0.37	1180	490	3	0.23	<5	12	238	<20	0.52	<10
H741188		20	15.75	1440	<1	0.31	1140	470	2	0.50	<5	11	240	<20	0.48	<10
H741189		20	16.45	1455	<1	0.31	1190	410	<2	0.16	<5	12	230	<20	0.46	<10
H741190		10	1.45	755	186	2.01	110	540	251	0.26	6	14	267	<20	0.30	<10
H741191		20	14.95	1275	<1	0.31	1100	370	<2	0.11	<5	10	183	<20	0.40	<10
H741192		20	16.85	1600	<1	0.29	1160	390	<2	0.57	<5	11	244	<20	0.42	<10
H741193		20	17.65	1490	<1	0.23	1290	370	4	0.38	<5	11	201	<20	0.39	<10
H741194		20	16.70	1385	<1	0.21	1240	350	3	0.80	<5	10	215	<20	0.36	<10
H741195		20	16.20	1390	<1	0.25	1180	350	2	0.84	<5	9	250	<20	0.35	<10
H741196		10	17.35	1505	<1	0.24	1260	350	<2	0.26	<5	9	165	<20	0.35	<10

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
G168201		<10	76	<10	97	0.006	0.0877	0.078
G168202		<10	102	<10	96	0.012	0.192	0.172
H741161		<10	124	<10	62	0.002	0.0029	0.002
H741162		<10	91	<10	83	0.004	0.0029	0.003
H741163		<10	206	<10	95	0.009	0.0305	0.029
H741163 CRD		<10	200	<10	92	0.004	0.0321	0.029
H741164		<10	229	<10	109	0.004	0.0484	0.037
H741165		<10	197	<10	88	0.004	0.0509	0.043
H741166		<10	216	<10	89	0.003	0.0597	0.051
H741167		<10	210	<10	87	0.003	0.0369	0.030
H741168		10	104	<10	54	0.003	0.0033	0.003
H741169		<10	110	<10	63	0.002	0.0019	0.002
H741170		<10	38	<10	36	0.015	0.0116	0.014
H741171		<10	83	<10	35	0.002	0.0018	0.002
H741172		<10	132	<10	57	0.002	0.0121	0.011
H741173		<10	196	<10	75	0.001	0.0031	0.003
H741174		10	216	<10	93	0.001	0.0031	0.002
H741175		<10	280	<10	131	0.003	0.0130	0.011
H741176		<10	154	<10	196	0.007	0.0663	0.066
H741177		<10	107	<10	91	0.005	0.0476	0.053
H741178		<10	116	<10	98	0.004	0.0546	0.060
H741179		<10	119	<10	100	0.004	0.0496	0.053
H741180		10	16	<10	29	0.001	0.0008	0.001
H741181		<10	119	<10	103	0.012	0.157	0.152
H741182		<10	115	<10	96	0.019	0.273	0.283
H741183		<10	129	<10	102	0.011	0.124	0.125
H741183 CRD		<10	128	<10	100	0.010	0.110	0.114
H741184		<10	142	<10	100	0.006	0.0631	0.061
H741185		<10	125	<10	100	0.009	0.113	0.108
H741186		<10	120	<10	103	0.010	0.133	0.128
H741187		<10	116	<10	108	0.014	0.173	0.162
H741188		<10	110	<10	110	0.009	0.113	0.103
H741189		<10	109	<10	102	0.008	0.102	0.104
H741190		10	102	<10	374	0.501	0.107	0.472
H741191		<10	95	<10	90	0.014	0.164	0.141
H741192		<10	100	<10	113	0.005	0.0598	0.050
H741193		<10	95	<10	132	0.009	0.0974	0.093
H741194		<10	91	<10	99	0.006	0.0587	0.052
H741195		<10	87	<10	107	0.008	0.0738	0.070
H741196		<10	87	<10	103	0.011	0.100	0.083

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THUNDER BAY ON P7B 6V1

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741197		4.25	<0.5	1.24	<5	60	<0.5	<2	1.70	<0.5	142	3040	140	10.25	<10	0.12
H741198		4.15	<0.5	1.25	25	60	<0.5	<2	1.95	<0.5	140	3080	102	10.05	<10	0.12
H741199		4.11	<0.5	1.18	36	60	<0.5	<2	2.23	<0.5	135	2920	172	9.78	<10	0.09
H741200		2.15	<0.5	1.17	24	110	<0.5	<2	1.77	<0.5	140	3030	149	10.00	<10	0.11
H741201		3.79	<0.5	1.18	15	80	<0.5	<2	1.91	<0.5	136	2990	224	9.72	<10	0.12
H741202		2.08	<0.5	1.17	13	50	<0.5	<2	2.40	<0.5	135	2960	171	9.75	<10	0.10
H741203		2.14	<0.5	1.13	67	80	<0.5	<2	3.10	<0.5	130	3100	114	9.54	<10	0.09
H741203 CRD		0.02	<0.5	1.11	56	170	<0.5	2	2.61	<0.5	129	2960	110	9.35	<10	0.10
H741204		2.07	<0.5	1.22	31	220	<0.5	<2	2.00	<0.5	138	3110	96	9.99	<10	0.13
H741205		4.31	0.5	1.16	7	290	<0.5	2	1.96	<0.5	135	3080	163	9.58	<10	0.10
H741206		3.99	<0.5	1.22	6	150	<0.5	3	1.51	<0.5	142	3150	189	10.10	<10	0.13
H741207		4.05	<0.5	1.21	21	170	<0.5	2	1.93	<0.5	139	3250	266	9.82	<10	0.11
H741208		3.88	<0.5	1.21	21	110	<0.5	<2	2.50	<0.5	136	3080	273	9.46	<10	0.10
H741209		4.22	<0.5	1.32	5	60	<0.5	<2	1.79	<0.5	137	3250	330	9.34	10	0.13
H741210		0.10	1.7	5.79	<5	500	0.7	<2	1.30	<0.5	81	108	3290	4.62	10	2.46
H741211		4.28	<0.5	1.38	<5	70	<0.5	<2	1.70	<0.5	141	3320	413	9.52	10	0.15
H741212		4.28	<0.5	1.38	11	120	<0.5	2	1.87	<0.5	133	3360	172	9.31	<10	0.14
H741213		4.33	<0.5	1.49	6	150	<0.5	3	1.81	<0.5	140	3470	130	9.97	<10	0.15
H741214		4.36	<0.5	1.36	7	70	<0.5	<2	1.61	<0.5	134	3610	233	9.61	<10	0.14
H741215		4.29	<0.5	1.45	<5	130	<0.5	<2	1.72	<0.5	143	4250	445	10.10	<10	0.15
H741216		4.26	<0.5	1.37	<5	60	<0.5	2	1.58	<0.5	136	4060	453	9.71	<10	0.15
H741217		4.26	<0.5	1.43	<5	70	<0.5	<2	1.65	<0.5	137	3620	328	9.96	<10	0.15
H741218		4.31	<0.5	1.44	5	70	<0.5	<2	1.77	<0.5	142	3590	317	10.25	10	0.17
H741219		4.34	<0.5	1.47	17	60	<0.5	<2	1.78	<0.5	131	3270	180	9.60	<10	0.13
H741220		0.09	<0.5	6.17	<5	880	0.9	<2	1.30	<0.5	3	24	17	1.55	10	2.02
H741221		4.50	<0.5	1.51	<5	70	<0.5	<2	1.78	<0.5	147	3580	278	10.45	10	0.19
H741222		4.52	<0.5	1.53	15	70	<0.5	<2	2.03	<0.5	144	3180	423	10.25	10	0.18
H741223		4.16	<0.5	1.58	22	70	<0.5	<2	1.88	<0.5	141	3240	278	10.15	10	0.18
H741223 CRD		<0.02	<0.5	1.60	15	70	<0.5	<2	1.87	<0.5	143	3290	289	10.25	10	0.18
H741224		4.33	<0.5	1.61	12	70	<0.5	<2	1.88	<0.5	144	3300	235	10.40	10	0.18
H741225		4.31	<0.5	1.57	<5	60	<0.5	<2	1.86	<0.5	143	3350	297	10.45	<10	0.19
H741226		4.42	<0.5	1.63	<5	70	<0.5	<2	1.81	<0.5	139	3260	267	10.20	10	0.19
H741227		4.34	<0.5	1.55	5	70	<0.5	<2	1.78	<0.5	139	3260	349	10.25	10	0.19
H741228		4.26	<0.5	1.53	9	70	<0.5	<2	1.80	<0.5	139	3030	304	10.15	10	0.18
H741229		4.42	<0.5	1.60	44	60	<0.5	<2	2.04	<0.5	139	2960	312	10.30	10	0.17
H741230		0.10	17.3	7.09	197	450	0.7	<2	3.37	3.0	14	121	342	4.50	10	0.86
H741231		4.16	<0.5	1.61	<5	70	<0.5	<2	1.89	<0.5	145	3010	325	10.50	10	0.19
H741232		4.19	<0.5	1.68	<5	80	<0.5	<2	1.94	<0.5	142	3030	286	10.40	10	0.20
H741233		4.23	<0.5	1.73	<5	70	<0.5	<2	1.93	<0.5	146	3320	561	10.50	10	0.20
H741234		4.16	<0.5	1.68	11	70	<0.5	<2	1.94	<0.5	137	3120	317	9.97	10	0.19

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Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741197		20	18.30	1430	<1	0.19	1290	330	<2	0.12	<5	9	154	<20	0.35	<10
H741198		20	18.00	1425	<1	0.18	1270	330	<2	0.39	<5	9	227	<20	0.35	<10
H741199		20	17.50	1445	<1	0.11	1250	300	<2	0.53	<5	9	203	<20	0.32	<10
H741200		10	18.10	1405	<1	0.14	1290	310	2	0.29	<5	9	168	<20	0.32	<10
H741201		10	17.65	1375	<1	0.13	1290	300	<2	0.37	<5	8	164	<20	0.32	<10
H741202		10	17.60	1410	<1	0.11	1300	310	4	0.36	<5	8	183	<20	0.31	<10
H741203		20	17.25	1630	<1	0.09	1250	300	3	0.95	<5	8	270	<20	0.30	<10
H741203 CRD		20	16.95	1515	<1	0.10	1220	290	4	0.82	<5	8	245	<20	0.30	<10
H741204		10	18.30	1470	<1	0.16	1320	310	2	0.37	<5	9	182	<20	0.32	<10
H741205		20	17.70	1360	<1	0.10	1300	310	<2	0.27	<5	8	653	<20	0.32	<10
H741206		20	18.60	1410	<1	0.15	1360	320	<2	0.15	<5	9	142	<20	0.32	<10
H741207		20	18.15	1405	1	0.14	1380	310	<2	0.55	<5	9	166	<20	0.33	<10
H741208		10	17.20	1315	<1	0.08	1350	300	<2	0.38	<5	9	116	<20	0.32	<10
H741209		10	17.20	1330	1	0.14	1340	340	2	0.18	<5	9	146	<20	0.33	<10
H741210		10	0.92	396	26	1.50	2490	330	9	2.29	<5	3	431	<20	0.09	<10
H741211		10	17.75	1335	1	0.19	1510	350	4	0.17	<5	9	169	<20	0.33	<10
H741212		20	17.55	1320	<1	0.17	1380	340	<2	0.22	<5	9	192	<20	0.35	<10
H741213		20	18.80	1395	<1	0.17	1450	370	<2	0.22	<5	10	198	<20	0.37	<10
H741214		20	17.80	1320	<1	0.17	1450	340	<2	0.31	<5	9	169	<20	0.35	<10
H741215		20	18.50	1385	<1	0.18	1600	360	2	0.26	<5	9	177	<20	0.37	<10
H741216		10	17.65	1330	<1	0.22	1600	320	<2	0.19	<5	9	167	<20	0.34	<10
H741217		20	18.00	1375	<1	0.22	1480	360	<2	0.23	<5	9	178	<20	0.36	<10
H741218		20	18.30	1420	<1	0.25	1490	360	<2	0.20	<5	9	182	<20	0.36	<10
H741219		20	17.15	1360	<1	0.19	1290	340	<2	0.29	<5	9	187	<20	0.37	<10
H741220		10	0.22	567	<1	2.53	5	180	6	<0.01	<5	5	171	<20	0.11	<10
H741221		20	18.75	1440	1	0.29	1430	360	<2	0.14	<5	10	184	<20	0.39	<10
H741222		20	18.55	1485	<1	0.26	1465	380	4	0.35	<5	10	224	<20	0.37	<10
H741223		20	18.40	1415	1	0.23	1435	390	<2	0.36	<5	10	194	<20	0.38	<10
H741223 CRD		20	18.60	1425	<1	0.23	1455	400	3	0.35	<5	10	196	<20	0.38	<10
H741224		20	18.85	1480	<1	0.27	1430	360	3	0.20	<5	10	210	<20	0.39	<10
H741225		20	18.75	1450	1	0.28	1475	400	2	0.11	<5	10	193	<20	0.40	<10
H741226		20	18.05	1430	<1	0.29	1390	380	<2	0.11	<5	10	202	<20	0.41	<10
H741227		20	17.90	1420	1	0.29	1410	380	<2	0.19	<5	10	200	<20	0.41	<10
H741228		20	17.80	1425	1	0.25	1335	410	2	0.18	<5	10	189	<20	0.40	<10
H741229		20	17.80	1505	<1	0.28	1335	380	<2	0.58	<5	10	210	<20	0.40	<10
H741230		10	1.53	777	195	2.08	115	540	261	0.26	6	14	278	<20	0.31	<10
H741231		20	18.55	1465	1	0.29	1400	420	2	0.14	<5	10	201	<20	0.43	<10
H741232		20	18.35	1445	<1	0.27	1395	440	3	0.09	<5	10	213	<20	0.44	<10
H741233		20	18.50	1440	<1	0.25	1520	430	<2	0.15	<5	10	220	<20	0.45	<10
H741234		20	17.70	1395	<1	0.29	1380	420	3	0.18	<5	10	212	<20	0.42	<10

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741197		<10	86	<10	100	0.006	0.0682	0.066
H741198		<10	85	<10	99	0.005	0.0502	0.047
H741199		<10	79	<10	103	0.006	0.0794	0.078
H741200		<10	81	<10	99	0.006	0.0689	0.065
H741201		<10	77	<10	98	0.009	0.104	0.103
H741202		<10	77	<10	95	0.007	0.0675	0.066
H741203		<10	75	<10	85	0.005	0.0630	0.062
H741203 CRD		<10	73	<10	86	0.005	0.0600	0.060
H741204		<10	80	<10	109	0.004	0.0418	0.041
H741205		<10	76	<10	96	0.007	0.0868	0.085
H741206		<10	79	<10	97	0.007	0.0804	0.084
H741207		<10	80	<10	95	0.008	0.117	0.116
H741208		<10	79	<10	94	0.009	0.120	0.125
H741209		<10	81	<10	96	0.013	0.202	0.203
H741210		<10	38	<10	37	0.013	0.0087	0.013
H741211		<10	86	<10	94	0.017	0.236	0.244
H741212		<10	85	<10	94	0.008	0.115	0.110
H741213		<10	91	<10	98	0.005	0.0686	0.064
H741214		<10	88	<10	93	0.009	0.127	0.121
H741215		<10	94	<10	100	0.010	0.138	0.132
H741216		<10	88	<10	96	0.013	0.184	0.178
H741217		<10	88	<10	98	0.012	0.180	0.165
H741218		<10	90	<10	98	0.011	0.156	0.149
H741219		<10	91	<10	91	0.006	0.0802	0.075
H741220		<10	15	<10	27	0.001	<0.0005	<0.001
H741221		<10	96	<10	102	0.008	0.135	0.126
H741222		<10	93	<10	101	0.015	0.225	0.223
H741223		<10	94	<10	99	0.012	0.157	0.163
H741223 CRD		<10	96	<10	98	0.011	0.163	0.164
H741224		<10	96	<10	105	0.008	0.105	0.106
H741225		<10	96	<10	101	0.012	0.177	0.155
H741226		<10	94	<10	99	0.009	0.132	0.124
H741227		<10	95	<10	98	0.012	0.173	0.161
H741228		<10	94	<10	98	0.012	0.180	0.174
H741229		<10	94	<10	100	0.012	0.189	0.195
H741230		<10	108	<10	378	0.400	0.0991	0.404
H741231		<10	99	<10	101	0.011	0.148	0.121
H741232		<10	99	<10	102	0.010	0.129	0.117
H741233		<10	100	<10	100	0.019	0.293	0.264
H741234		<10	96	<10	96	0.011	0.146	0.124

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741235		4.25	<0.5	1.73	40	80	<0.5	<2	2.16	<0.5	139	3390	378	10.25	10	0.18
H741236		4.40	<0.5	1.77	58	70	<0.5	<2	2.37	<0.5	133	3210	285	9.92	10	0.17
H741237		4.23	<0.5	1.75	7	70	<0.5	<2	2.05	<0.5	135	3370	350	9.91	10	0.20
H741238		4.32	<0.5	1.82	5	80	<0.5	<2	2.15	<0.5	140	3460	358	10.20	10	0.20
H741239		4.30	0.5	1.87	6	80	<0.5	<2	2.24	<0.5	128	3460	189	10.10	10	0.18
H741240		2.15	<0.5	1.81	6	80	<0.5	<2	2.22	<0.5	130	3430	316	9.75	10	0.19
H741241		4.42	<0.5	1.94	<5	90	<0.5	<2	2.35	<0.5	134	3740	320	10.10	10	0.22
H741242		4.37	<0.5	1.88	60	100	<0.5	<2	3.26	<0.5	128	3870	265	9.91	10	0.18
H741243		4.34	<0.5	2.05	5	70	<0.5	<2	2.53	<0.5	132	3680	330	10.10	10	0.22
H741243 CRD		0.02	0.5	2.05	5	70	<0.5	<2	2.57	<0.5	133	3770	322	10.25	10	0.22
H741244		4.36	<0.5	2.35	6	90	0.5	<2	2.79	<0.5	135	3580	268	10.65	10	0.26
H741245		4.38	<0.5	2.51	<5	100	0.6	<2	2.81	<0.5	128	3090	416	10.20	10	0.28
H741246		4.37	<0.5	2.51	28	100	0.5	<2	3.12	<0.5	123	2860	329	9.96	10	0.28
H741247		4.51	<0.5	2.85	<5	120	0.6	<2	3.21	<0.5	121	2930	290	10.10	10	0.35
H741248		4.35	<0.5	3.02	13	120	0.6	<2	3.33	<0.5	114	2710	401	9.84	10	0.33
H741249		4.40	<0.5	3.27	20	150	0.7	<2	3.26	<0.5	106	2270	301	9.67	10	0.38
H741250		0.10	1.9	5.93	7	820	0.7	<2	1.36	<0.5	81	109	3430	4.83	20	2.56
H741251		4.04	<0.5	4.08	22	200	0.9	<2	3.91	<0.5	93	1820	287	9.74	10	0.40
H741252		3.77	<0.5	5.28	9	140	1.3	<2	3.91	<0.5	70	1030	999	8.98	20	0.31
H741253		5.47	<0.5	8.07	17	390	1.6	<2	1.03	<0.5	27	118	40	5.46	20	1.54
H741254		4.05	<0.5	8.41	13	430	1.3	<2	0.50	<0.5	20	99	33	4.19	20	1.92

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741235		20	17.75	1455	<1	0.31	1460	440	5	0.64	<5	10	233	<20	0.43	<10
H741236		20	17.30	1455	<1	0.32	1395	430	5	0.71	<5	10	226	<20	0.43	<10
H741237		20	17.50	1380	<1	0.36	1445	420	4	0.24	<5	10	217	<20	0.44	<10
H741238		20	18.10	1420	<1	0.38	1510	490	<2	0.17	<5	11	227	<20	0.46	<10
H741239		20	17.75	1410	<1	0.41	1345	430	<2	0.14	<5	11	242	<20	0.45	<10
H741240		20	17.00	1355	<1	0.41	1415	470	2	0.18	<5	11	222	<20	0.47	<10
H741241		20	17.60	1395	<1	0.47	1500	470	2	0.17	<5	12	231	<20	0.50	<10
H741242		20	16.80	1395	<1	0.36	1430	390	8	0.72	<5	11	311	<20	0.48	<10
H741243		20	17.00	1390	<1	0.45	1455	480	2	0.20	<5	12	257	<20	0.54	<10
H741243 CRD		20	17.25	1415	<1	0.45	1460	470	2	0.21	<5	12	258	<20	0.55	<10
H741244		20	17.30	1465	<1	0.53	1390	550	2	0.17	<5	13	280	<20	0.61	<10
H741245		20	16.05	1400	<1	0.51	1355	540	<2	0.20	<5	13	290	<20	0.62	<10
H741246		20	15.30	1390	<1	0.49	1215	560	6	0.39	<5	13	317	<20	0.63	<10
H741247		20	14.95	1395	<1	0.65	1180	600	3	0.10	<5	14	333	<20	0.71	<10
H741248		20	14.15	1400	<1	0.55	1150	630	3	0.38	<5	15	300	<20	0.75	<10
H741249		20	12.95	1420	<1	0.50	985	710	2	0.48	<5	16	254	<20	0.83	<10
H741250		10	0.92	404	26	1.57	2540	330	8	2.31	<5	3	446	<20	0.10	<10
H741251		30	11.65	1740	1	0.83	841	820	2	0.56	<5	19	239	<20	0.95	<10
H741252		30	8.08	1415	<1	1.79	575	1140	<2	1.23	<5	19	145	<20	1.22	<10
H741253		20	2.53	549	1	2.77	72	1030	5	1.91	<5	13	145	<20	0.68	<10
H741254		20	1.73	457	1	2.41	67	730	3	0.59	<5	12	165	<20	0.27	<10

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

Finalized Date: 30-JUL-2009
Account: MGMAM

Project: SD09-131 BL

CERTIFICATE OF ANALYSIS TB09072208

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741235		<10	100	<10	106	0.013	0.195	0.167
H741236		<10	99	<10	98	0.011	0.141	0.118
H741237		<10	101	<10	98	0.012	0.179	0.152
H741238		<10	105	<10	102	0.013	0.176	0.151
H741239		<10	104	<10	94	0.008	0.101	0.085
H741240		<10	108	<10	96	0.011	0.150	0.127
H741241		<10	119	<10	101	0.010	0.138	0.113
H741242		<10	116	<10	124	0.009	0.108	0.087
H741243		<10	125	<10	101	0.015	0.177	0.150
H741243 CRD		<10	127	<10	103	0.013	0.181	0.154
H741244		<10	139	<10	105	0.009	0.119	0.096
H741245		<10	136	<10	102	0.013	0.183	0.164
H741246		<10	140	<10	119	0.011	0.131	0.111
H741247		<10	154	<10	102	0.009	0.113	0.092
H741248		<10	162	<10	114	0.011	0.153	0.134
H741249		<10	174	<10	101	0.008	0.108	0.092
H741250		<10	40	<10	36	0.016	0.0086	0.011
H741251		<10	202	<10	170	0.009	0.102	0.096
H741252		<10	216	<10	134	0.043	0.411	0.352
H741253		<10	136	<10	37	0.003	0.0056	0.005
H741254		<10	98	<10	31	0.002	0.0027	0.002

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

Finalized Date: 6-AUG-2009
Account: MGMAM

CERTIFICATE TB09074495

Project: SD09-132 BL

P.O. No.:

This report is for 94 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 22-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168203		1.83	<0.5	1.24	<5	60	<0.5	3	1.55	<0.5	149	3440	316	10.30	10	0.13
G168203 CRD		0.02	<0.5	1.24	<5	60	<0.5	<2	1.48	<0.5	148	3310	307	10.20	10	0.13
G168204		1.98	<0.5	2.51	26	110	0.5	5	2.80	<0.5	130	3110	328	10.05	10	0.28
H741255		4.80	<0.5	8.67	8	770	3.8	2	0.35	<0.5	14	99	10	3.34	20	2.84
H741256		1.43	<0.5	7.90	17	360	3.9	3	1.03	<0.5	28	351	143	5.66	20	1.77
H741257		3.85	<0.5	7.12	66	510	2.0	4	0.94	<0.5	30	87	32	6.64	20	1.06
H741258		3.94	<0.5	7.07	33	420	1.7	2	2.65	<0.5	32	135	74	6.69	20	0.89
H741259		3.25	<0.5	3.06	20	30	1.2	<2	4.52	0.5	100	917	283	10.00	10	0.04
H741260		0.10	1.1	6.11	<5	830	0.7	6	1.31	<0.5	82	110	3430	4.74	20	2.53
H741261		4.35	<0.5	2.87	89	40	0.7	3	4.38	0.5	102	1290	134	9.47	10	0.08
H741262		4.55	<0.5	2.18	26	170	0.6	4	3.85	0.6	124	892	199	10.10	10	0.27
H741263		4.29	<0.5	2.32	17	120	0.6	<2	3.11	0.6	123	1115	208	10.05	10	0.33
H741263 CRD		0.02	<0.5	2.34	17	120	0.6	4	3.13	<0.5	125	1135	214	10.05	10	0.34
H741264		4.15	<0.5	2.40	11	120	0.6	6	2.97	0.5	123	1425	188	10.00	10	0.35
H741265		4.31	0.5	2.65	16	120	0.6	<2	3.46	<0.5	113	1315	461	9.53	<10	0.23
H741266		4.29	0.5	2.01	12	110	0.5	<2	3.25	<0.5	125	1625	668	9.87	<10	0.26
H741267		4.45	0.6	2.13	15	100	0.5	<2	3.00	<0.5	122	2080	617	9.57	<10	0.25
H741268		4.44	0.6	2.37	20	110	0.5	2	3.12	<0.5	125	2430	657	9.88	<10	0.27
H741269		4.42	0.7	2.14	7	120	0.5	<2	2.72	<0.5	124	2500	741	9.80	<10	0.28
H741270		0.09	<0.5	6.17	<5	910	1.0	<2	1.34	<0.5	3	29	17	1.57	10	2.11
H741271		4.54	<0.5	2.10	11	110	0.5	<2	2.71	<0.5	128	2590	530	10.10	10	0.29
H741272		4.41	0.5	2.03	21	100	0.5	4	2.71	<0.5	130	2680	599	9.99	10	0.29
H741273		4.43	0.5	1.92	7	100	0.5	<2	2.45	0.9	122	2550	235	9.40	<10	0.25
H741274		4.22	<0.5	1.80	5	80	<0.5	<2	2.55	<0.5	123	2540	382	9.45	<10	0.21
H741275		4.21	<0.5	1.76	<5	80	<0.5	4	2.44	<0.5	125	2430	214	9.66	<10	0.20
H741276		4.01	<0.5	1.65	5	60	<0.5	3	1.82	<0.5	129	2730	187	9.78	<10	0.13
H741277		3.95	<0.5	1.54	<5	60	<0.5	<2	1.76	<0.5	128	2650	180	9.60	<10	0.11
H741278		4.32	<0.5	1.44	12	70	<0.5	<2	2.37	<0.5	128	2980	108	9.72	<10	0.14
H741279		4.16	<0.5	1.37	17	70	<0.5	<2	2.41	<0.5	135	3060	156	10.00	<10	0.13
H741280		0.10	16.8	7.27	240	470	0.7	<2	3.42	3.1	15	119	347	4.34	10	0.87
H741281		4.52	<0.5	1.38	5	70	<0.5	<2	2.01	<0.5	140	3170	176	10.20	<10	0.17
H741282		4.35	<0.5	1.31	27	60	<0.5	3	1.85	<0.5	139	3000	107	10.15	<10	0.14
H741283		4.44	<0.5	1.29	86	60	<0.5	2	2.13	<0.5	136	2870	108	9.97	<10	0.12
H741283 CRD		0.02	<0.5	1.27	80	70	<0.5	<2	2.17	<0.5	139	2930	122	10.05	<10	0.12
H741284		4.42	<0.5	1.32	10	80	<0.5	<2	1.89	<0.5	140	2970	134	10.00	<10	0.14
H741285		4.42	<0.5	1.29	<5	60	<0.5	<2	1.67	<0.5	146	2990	219	10.40	<10	0.14
H741286		4.39	0.5	1.25	14	70	<0.5	<2	1.80	<0.5	142	3090	199	10.10	<10	0.13
H741287		4.29	<0.5	1.23	11	70	<0.5	2	1.71	<0.5	143	3180	137	10.10	<10	0.12
H741288		4.28	<0.5	1.23	7	60	<0.5	2	1.65	<0.5	142	3110	157	9.95	<10	0.12
H741289		4.25	<0.5	1.25	16	50	<0.5	<2	2.00	<0.5	145	3270	184	10.05	<10	0.12

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

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168203		10	19.25	1440	<1	0.12	1440	310	4	0.18	5	9	130	<20	0.34	<10
G168203 CRD		10	19.10	1430	<1	0.12	1390	310	3	0.17	<5	9	131	<20	0.34	<10
G168204		10	16.20	1430	<1	0.54	1230	530	5	0.34	<5	13	285	<20	0.61	<10
H741255		10	1.81	433	2	1.41	53	890	3	0.30	<5	13	88	<20	0.24	<10
H741256		40	3.94	633	1	1.28	192	790	4	0.68	<5	17	92	<20	0.45	<10
H741257		30	3.70	654	1	2.79	35	1020	3	1.54	<5	20	119	<20	0.88	<10
H741258		30	3.68	1275	<1	3.05	39	1190	5	0.76	<5	22	220	<20	1.07	<10
H741259		20	11.85	2720	1	0.16	672	680	16	0.49	<5	24	60	<20	0.83	<10
H741260		10	0.89	395	26	1.58	2480	340	9	2.35	<5	3	449	<20	0.10	<10
H741261		20	12.65	2310	<1	0.14	684	660	100	1.65	<5	20	85	<20	0.77	<10
H741262		10	14.95	1595	<1	0.32	934	550	9	0.66	<5	15	271	<20	0.55	<10
H741263		10	15.25	1445	<1	0.33	919	610	3	0.55	<5	15	283	<20	0.59	<10
H741263 CRD		20	15.30	1455	<1	0.33	925	620	6	0.53	<5	15	284	<20	0.59	<10
H741264		10	15.20	1445	<1	0.35	944	610	3	0.30	<5	14	311	<20	0.62	<10
H741265		20	14.00	1465	<1	0.55	916	570	4	0.56	<5	16	256	<20	0.67	<10
H741266		20	15.25	1460	<1	0.34	1135	530	2	0.28	<5	15	233	<20	0.51	<10
H741267		20	14.80	1455	<1	0.33	1130	520	2	0.31	<5	14	241	<20	0.56	<10
H741268		20	15.25	1450	<1	0.47	1130	500	<2	0.41	<5	14	306	<20	0.59	<10
H741269		20	15.30	1425	<1	0.35	1255	520	3	0.26	<5	13	303	<20	0.55	<10
H741270		10	0.24	584	1	2.66	6	190	5	<0.01	<5	5	177	<20	0.12	<10
H741271		20	16.25	1475	<1	0.34	1205	520	<2	0.20	<5	13	286	<20	0.55	<10
H741272		20	16.35	1475	<1	0.34	1270	480	4	0.39	<5	13	261	<20	0.52	<10
H741273		20	15.90	1440	<1	0.31	1090	500	14	0.14	<5	12	235	<20	0.51	<10
H741274		10	15.90	1450	<1	0.28	1135	420	<2	0.10	<5	12	212	<20	0.49	<10
H741275		20	16.40	1435	<1	0.25	1145	430	<2	0.09	<5	12	192	<20	0.47	<10
H741276		10	16.85	1555	<1	0.13	1155	380	2	0.16	<5	12	124	<20	0.43	<10
H741277		10	16.60	1550	<1	0.10	1150	380	2	0.17	<5	11	83	<20	0.42	<10
H741278		10	16.95	1440	<1	0.17	1205	360	2	0.22	<5	10	163	<20	0.39	<10
H741279		10	17.70	1475	<1	0.16	1250	340	<2	0.32	<5	11	188	<20	0.38	<10
H741280		10	1.57	796	201	2.13	118	560	264	0.27	7	14	278	<20	0.32	<10
H741281		10	18.20	1485	<1	0.23	1295	350	2	0.13	<5	10	169	<20	0.38	<10
H741282		10	18.40	1495	<1	0.21	1250	330	<2	0.31	<5	10	174	<20	0.36	<10
H741283		10	18.00	1620	<1	0.19	1215	330	24	0.84	<5	9	267	<20	0.34	<10
H741283 CRD		10	18.05	1635	<1	0.19	1240	320	20	0.80	<5	9	300	<20	0.34	<10
H741284		10	18.50	1525	<1	0.19	1270	330	7	0.31	<5	9	202	<20	0.34	<10
H741285		10	19.45	1515	<1	0.18	1360	320	<2	0.15	<5	9	157	<20	0.35	<10
H741286		10	18.95	1500	<1	0.16	1335	310	2	0.31	<5	9	265	<20	0.33	<10
H741287		10	19.15	1505	<1	0.13	1350	310	2	0.23	<5	9	203	<20	0.33	<10
H741288		10	19.00	1480	<1	0.12	1345	310	<2	0.19	<5	9	155	<20	0.33	<10
H741289		10	19.15	1495	<1	0.12	1385	310	3	0.42	<5	9	157	<20	0.33	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168203		<10	85	<10	102	0.013	0.176	0.167			
G168203 CRD		<10	83	<10	100	0.014	0.181	0.159			
G168204		<10	137	<10	104	0.010	0.135	0.124			
H741255		10	85	<10	27	0.003	0.0021	0.002			
H741256		<10	132	<10	65	0.003	0.0131	0.014			
H741257		<10	203	<10	82	0.002	0.0032	0.003			
H741258		<10	225	<10	96	0.002	0.0024	0.003			
H741259		<10	175	<10	179	0.009	0.0629	0.050			
H741260		<10	40	<10	39	0.021	0.0098	0.014			
H741261		<10	167	<10	193	0.005	0.0363	0.038			
H741262		<10	115	<10	119	0.007	0.0619	0.068			
H741263		<10	120	<10	107	0.005	0.0506	0.053			
H741263 CRD		<10	122	<10	107	0.006	0.0530	0.060			
H741264		<10	126	<10	101	0.006	0.0672	0.066			
H741265		<10	134	<10	97	0.015	0.210	0.211			
H741266		<10	107	<10	100	0.022	0.341	0.365			
H741267		<10	118	<10	100	0.019	0.273	0.292			
H741268		<10	125	<10	103	0.019	0.287	0.283			
H741269		<10	122	<10	101	0.022	0.340	0.337			
H741270		<10	16	<10	29	0.002	0.0006	<0.001			
H741271		<10	124	<10	104	0.015	0.229	0.227			
H741272		<10	120	<10	104	0.019	0.241	0.237			
H741273		<10	114	<10	149	0.007	0.0930	0.091			
H741274		<10	113	<10	99	0.012	0.167	0.152			
H741275		<10	108	<10	103	0.007	0.0883	0.083			
H741276		<10	104	<10	100	0.006	0.0780	0.071			
H741277		<10	101	<10	101	0.005	0.0784	0.069			
H741278		<10	95	<10	108	0.004	0.0525	0.045			
H741279		<10	96	<10	103	0.006	0.0690	0.055			
H741280		<10	108	<10	399	0.306	0.0983	0.419			
H741281		<10	95	<10	105	0.009	0.102	0.086			
H741282		<10	90	<10	104	0.005	0.0639	0.054			
H741283		<10	83	<10	184	0.004	0.0553	0.051			
H741283 CRD		<10	84	<10	175	0.005	0.0642	0.058			
H741284		<10	84	<10	118	0.007	0.0773	0.069			
H741285		<10	85	<10	104	0.008	0.119	0.104			
H741286		<10	83	<10	113	0.007	0.0896	0.080			
H741287		<10	83	<10	105	0.005	0.0750	0.065			
H741288		<10	81	<10	99	0.006	0.0857	0.083			
H741289		<10	83	<10	102	0.006	0.0967	0.082			

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

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741290		2.25	<0.5	1.23	<5	60	<0.5	<2	1.56	<0.5	144	3250	255	10.10	<10	0.13
H741291		4.48	<0.5	1.22	10	60	<0.5	<2	1.55	<0.5	140	3270	238	9.78	<10	0.14
H741292		4.19	<0.5	1.24	8	50	<0.5	2	1.87	<0.5	137	3230	110	9.71	<10	0.12
H741293		4.22	<0.5	1.25	28	60	<0.5	<2	1.76	<0.5	138	3400	112	9.70	<10	0.12
H741294		4.58	<0.5	1.34	10	60	<0.5	<2	1.67	<0.5	142	3340	176	9.90	<10	0.15
H741295		4.34	<0.5	1.37	6	70	<0.5	2	1.72	<0.5	139	3360	123	9.70	<10	0.15
H741296		4.36	<0.5	1.40	5	70	<0.5	<2	1.68	<0.5	138	3350	106	9.55	<10	0.15
H741297		4.40	<0.5	1.38	<5	70	<0.5	3	1.68	<0.5	137	3450	182	9.66	<10	0.14
H741298		4.35	<0.5	1.35	7	70	<0.5	<2	1.61	<0.5	134	3550	195	9.48	<10	0.14
H741299		4.31	0.5	1.38	<5	70	<0.5	<2	1.62	<0.5	142	4300	565	9.93	<10	0.15
H741300		0.10	1.7	5.69	<5	710	0.7	2	1.29	<0.5	76	104	3290	4.46	10	2.44
H741301		4.08	<0.5	1.28	<5	60	<0.5	<2	1.56	<0.5	132	4200	222	9.40	<10	0.13
H741302		4.58	<0.5	1.41	5	70	<0.5	2	1.62	<0.5	136	3820	248	9.76	<10	0.16
H741303		4.51	<0.5	1.38	5	70	<0.5	2	1.67	<0.5	134	3420	167	9.68	<10	0.15
H741303 CRD		0.02	<0.5	1.36	<5	70	<0.5	<2	1.63	<0.5	132	3380	170	9.54	<10	0.15
H741304		4.77	<0.5	1.43	5	70	<0.5	<2	1.71	<0.5	138	3360	301	9.90	<10	0.16
H741305		4.52	<0.5	1.47	6	70	<0.5	2	1.77	<0.5	137	3330	176	9.77	<10	0.16
H741306		4.36	<0.5	1.48	<5	70	<0.5	<2	1.66	<0.5	130	2920	309	9.22	<10	0.15
H741307		4.29	0.5	1.47	<5	70	<0.5	2	1.72	<0.5	135	2950	441	9.53	<10	0.16
H741308		4.42	<0.5	1.50	<5	70	<0.5	<2	1.75	<0.5	132	3130	218	9.56	<10	0.16
H741309		4.47	<0.5	1.55	7	80	<0.5	2	1.83	<0.5	131	3060	174	9.65	<10	0.16
H741310		0.08	<0.5	6.07	<5	890	1.0	<2	1.32	<0.5	3	40	16	1.55	10	2.05
H741311		4.38	<0.5	1.59	5	80	<0.5	<2	1.76	<0.5	133	3160	193	9.82	<10	0.18
H741312		4.40	<0.5	1.58	<5	80	<0.5	<2	1.80	<0.5	135	2990	267	9.83	<10	0.17
H741313		4.43	<0.5	1.71	<5	80	<0.5	<2	2.01	<0.5	146	3100	296	10.65	<10	0.18
H741314		4.41	<0.5	1.60	<5	80	<0.5	2	1.84	<0.5	134	2810	205	9.75	<10	0.17
H741315		4.32	<0.5	1.56	5	80	<0.5	3	1.85	<0.5	135	2850	433	9.74	<10	0.18
H741316		4.30	<0.5	1.65	<5	80	<0.5	<2	1.83	<0.5	136	2950	378	9.79	<10	0.18
H741317		4.38	0.5	1.63	11	80	<0.5	<2	1.92	<0.5	128	2990	291	9.33	<10	0.18
H741318		4.47	<0.5	1.77	<5	80	<0.5	<2	1.96	<0.5	135	3160	366	9.81	<10	0.19
H741319		4.56	<0.5	1.69	<5	80	<0.5	3	1.92	<0.5	131	3080	231	9.49	<10	0.19
H741320		0.10	18.4	7.03	198	450	0.7	<2	3.33	3.1	15	119	340	4.23	10	0.84
H741321		4.48	<0.5	1.85	10	90	<0.5	2	2.17	<0.5	134	3220	235	9.87	<10	0.20
H741322		4.36	<0.5	1.79	<5	90	<0.5	2	2.06	<0.5	133	3330	298	9.76	<10	0.19
H741323		4.04	0.7	1.82	<5	90	<0.5	3	2.17	<0.5	132	3350	415	9.74	<10	0.18
H741323 CRD		0.02	0.5	1.83	7	90	<0.5	<2	2.14	<0.5	131	3330	415	9.67	10	0.18
H741324		4.14	<0.5	1.91	<5	90	<0.5	2	2.22	<0.5	130	3410	393	9.62	<10	0.20
H741325		4.26	<0.5	1.86	<5	90	<0.5	<2	2.22	<0.5	128	3410	290	9.61	<10	0.21
H741326		4.31	<0.5	1.97	23	100	0.5	2	2.37	<0.5	126	3680	302	9.46	<10	0.23
H741327		4.43	<0.5	2.00	<5	80	<0.5	<2	2.43	<0.5	128	3610	338	9.65	<10	0.18

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Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741290		10	19.35	1465	<1	0.12	1425	310	<2	0.16	<5	9	133	<20	0.33	<10
H741291		10	18.65	1415	<1	0.16	1395	300	<2	0.21	<5	9	156	<20	0.33	<10
H741292		10	18.65	1435	<1	0.15	1345	310	2	0.20	<5	9	145	<20	0.33	<10
H741293		10	18.60	1420	<1	0.16	1350	320	<2	0.61	<5	9	171	<20	0.33	<10
H741294		10	19.15	1440	<1	0.19	1415	340	3	0.16	<5	9	162	<20	0.34	<10
H741295		10	19.10	1405	<1	0.18	1405	340	2	0.10	<5	9	166	<20	0.34	<10
H741296		10	18.85	1380	<1	0.19	1385	340	<2	0.11	<5	9	164	<20	0.34	<10
H741297		10	19.00	1390	<1	0.17	1465	340	<2	0.12	<5	9	164	<20	0.34	<10
H741298		10	18.35	1365	<1	0.19	1375	320	2	0.19	<5	9	161	<20	0.34	<10
H741299		10	18.80	1400	<1	0.20	1735	330	<2	0.23	<5	9	161	<20	0.35	<10
H741300		10	0.88	387	26	1.50	2430	330	7	2.19	<5	3	426	<20	0.09	<10
H741301		10	17.80	1340	<1	0.17	1450	310	4	0.16	<5	9	148	<20	0.32	<10
H741302		10	18.40	1410	<1	0.22	1460	340	<2	0.18	<5	9	169	<20	0.33	<10
H741303		10	18.05	1410	<1	0.20	1355	340	<2	0.15	<5	9	167	<20	0.34	<10
H741303 CRD		10	17.75	1390	<1	0.20	1345	320	2	0.15	<5	9	164	<20	0.34	<10
H741304		10	18.30	1430	<1	0.22	1415	340	<2	0.30	<5	9	177	<20	0.34	<10
H741305		10	18.35	1430	<1	0.21	1335	350	3	0.13	<5	10	167	<20	0.36	<10
H741306		10	17.40	1340	<1	0.20	1300	350	<2	0.18	<5	9	177	<20	0.35	<10
H741307		10	17.85	1375	<1	0.21	1385	390	2	0.16	<5	9	170	<20	0.39	<10
H741308		10	17.80	1390	<1	0.21	1350	370	<2	0.14	<5	10	177	<20	0.39	<10
H741309		10	17.75	1400	<1	0.23	1315	390	<2	0.16	<5	10	200	<20	0.39	<10
H741310		10	0.25	575	1	2.59	7	180	8	<0.01	<5	5	172	<20	0.12	<10
H741311		10	17.80	1430	<1	0.24	1315	400	<2	0.15	<5	9	200	<20	0.40	<10
H741312		10	17.75	1420	<1	0.28	1305	390	2	0.13	<5	10	196	<20	0.39	<10
H741313		20	19.30	1550	<1	0.33	1410	410	<2	0.17	<5	10	223	<20	0.43	<10
H741314		10	17.85	1415	<1	0.34	1275	390	<2	0.10	<5	10	199	<20	0.41	<10
H741315		20	17.65	1400	<1	0.35	1390	400	<2	0.15	<5	10	193	<20	0.41	<10
H741316		20	17.85	1410	<1	0.34	1390	390	2	0.14	<5	10	215	<20	0.42	<10
H741317		10	17.05	1375	<1	0.35	1300	410	2	0.17	<5	10	215	<20	0.41	<10
H741318		20	18.05	1420	<1	0.40	1445	420	2	0.09	<5	10	223	<20	0.43	<10
H741319		20	17.40	1375	<1	0.43	1335	440	<2	0.08	<5	10	209	<20	0.44	<10
H741320		10	1.54	778	193	2.06	119	550	255	0.26	8	14	271	<20	0.31	<10
H741321		20	18.05	1445	<1	0.43	1390	470	<2	0.16	<5	11	231	<20	0.46	<10
H741322		20	17.80	1405	<1	0.44	1410	430	<2	0.11	<5	11	222	<20	0.46	<10
H741323		20	17.60	1400	<1	0.43	1455	460	<2	0.10	<5	11	232	<20	0.47	<10
H741323 CRD		20	17.50	1390	<1	0.43	1435	470	<2	0.10	<5	11	233	<20	0.47	<10
H741324		20	17.30	1385	<1	0.45	1405	420	<2	0.09	<5	11	238	<20	0.48	<10
H741325		20	17.20	1385	<1	0.42	1395	480	<2	0.20	<5	11	224	<20	0.49	<10
H741326		20	16.75	1365	<1	0.44	1415	470	<2	0.33	<5	11	226	<20	0.50	<10
H741327		10	16.85	1385	<1	0.38	1410	420	3	0.19	<5	12	242	<20	0.53	<10

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

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741290		<10	83	<10	101	0.010	0.143	0.138			
H741291		<10	82	<10	98	0.012	0.105	0.102			
H741292		<10	82	<10	98	0.004	0.0658	0.058			
H741293		<10	85	<10	97	0.005	0.0784	0.069			
H741294		<10	88	<10	99	0.008	0.132	0.114			
H741295		<10	88	<10	98	0.007	0.111	0.095			
H741296		<10	89	<10	99	0.006	0.0919	0.081			
H741297		<10	88	<10	97	0.008	0.135	0.109			
H741298		<10	88	<10	96	0.006	0.0903	0.077			
H741299		<10	94	<10	101	0.018	0.194	0.174			
H741300		<10	37	<10	40	0.016	0.0092	0.013			
H741301		<10	92	<10	98	0.008	0.122	0.098			
H741302		<10	91	<10	102	0.010	0.139	0.121			
H741303		<10	88	<10	98	0.006	0.0945	0.078			
H741303 CRD		<10	88	<10	98	0.006	0.0982	0.082			
H741304		<10	91	<10	99	0.011	0.168	0.145			
H741305		<10	94	<10	100	0.007	0.109	0.089			
H741306		<10	86	<10	95	0.011	0.187	0.172			
H741307		<10	91	<10	98	0.013	0.240	0.227			
H741308		<10	92	<10	98	0.008	0.140	0.125			
H741309		<10	93	<10	99	0.006	0.111	0.092			
H741310		<10	16	<10	28	<0.001	<0.0005	<0.001			
H741311		<10	93	<10	99	0.006	0.124	0.107			
H741312		<10	92	<10	99	0.009	0.155	0.134			
H741313		<10	100	<10	110	0.010	0.183	0.160			
H741314		<10	93	<10	100	0.007	0.105	0.092			
H741315		<10	93	<10	98	0.013	0.238	0.226			
H741316		<10	95	<10	99	0.012	0.212	0.193			
H741317		<10	92	<10	95	0.009	0.145	0.131			
H741318		<10	98	<10	98	0.011	0.172	0.153			
H741319		<10	98	<10	98	0.008	0.112	0.094			
H741320		<10	106	<10	387	0.344	0.110	0.439			
H741321		<10	102	<10	102	0.010	0.106	0.093			
H741322		<10	104	<10	100	0.009	0.139	0.124			
H741323		<10	105	<10	100	0.009	0.142	0.128			
H741323 CRD		<10	106	<10	99	0.013	0.199	0.178			
H741324		<10	108	<10	101	0.012	0.180	0.154			
H741325		<10	110	<10	100	0.009	0.157	0.133			
H741326		<10	116	<10	100	0.009	0.134	0.115			
H741327		<10	122	<10	101	0.011	0.183	0.155			

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

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741328		4.21	0.7	2.10	34	100	<0.5	2	2.65	<0.5	121	3380	248	9.54	<10	0.23
H741329		4.52	0.5	2.32	7	130	0.5	3	2.70	<0.5	124	3060	379	9.68	10	0.25
H741330		2.31	0.5	2.46	12	120	0.5	<2	2.77	<0.5	122	2960	306	9.76	10	0.27
H741331		4.41	<0.5	2.64	11	100	0.5	<2	2.97	<0.5	116	2740	270	9.34	10	0.28
H741332		4.48	<0.5	2.59	6	120	0.5	<2	2.91	<0.5	118	2830	376	9.63	10	0.33
H741333		4.58	0.5	2.67	18	110	0.5	3	3.12	<0.5	115	2890	293	9.49	10	0.31
H741334		4.58	<0.5	2.77	5	120	0.6	<2	3.13	<0.5	111	2700	309	9.80	10	0.38
H741335		4.60	<0.5	3.04	8	130	0.6	<2	3.44	<0.5	109	2520	238	9.88	10	0.42
H741336		4.51	<0.5	3.38	7	150	0.7	<2	3.76	<0.5	98	2170	256	9.47	10	0.42
H741337		2.75	<0.5	3.74	<5	230	0.7	<2	4.05	<0.5	92	1825	310	9.28	10	0.46
H741338		2.24	0.5	4.14	8	320	0.9	<2	4.31	<0.5	86	1515	308	9.11	10	0.41
H741339		2.26	6.2	3.32	17	100	0.7	<2	3.50	2.9	210	1260	8510	12.70	10	0.25
H741340		0.10	1.8	5.85	6	740	0.7	<2	1.33	<0.5	80	103	3410	4.75	10	2.53
H741341		3.27	1.1	6.70	12	480	1.1	<2	1.89	<0.5	53	576	1635	6.85	10	1.27

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Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741328		20	16.05	1390	<1	0.41	1280	530	4	0.56	<5	12	271	<20	0.55	<10
H741329		20	15.95	1405	<1	0.44	1290	510	4	0.22	<5	12	289	<20	0.58	<10
H741330		20	15.90	1445	<1	0.52	1240	530	4	0.24	<5	13	287	<20	0.60	<10
H741331		20	15.00	1335	<1	0.48	1165	580	<2	0.22	<5	13	285	<20	0.64	<10
H741332		20	15.05	1380	<1	0.58	1185	560	2	0.24	<5	13	313	<20	0.65	<10
H741333		20	14.55	1360	<1	0.63	1140	560	2	0.36	<5	14	329	<20	0.66	<10
H741334		20	14.35	1360	<1	0.70	1080	610	2	0.25	<5	14	329	<20	0.70	<10
H741335		20	13.95	1425	<1	0.60	1010	670	2	0.49	<5	15	361	<20	0.73	<10
H741336		20	12.35	1345	<1	0.58	881	700	6	0.62	<5	16	375	<20	0.79	<10
H741337		20	11.25	1310	1	0.67	806	790	3	0.22	<5	17	388	<20	0.91	<10
H741338		20	10.40	1705	<1	0.74	711	880	58	0.23	<5	18	295	<20	1.00	<10
H741339		20	10.20	1720	1	0.34	4160	700	51	5.02	<5	16	115	<20	0.78	10
H741340		10	0.91	401	27	1.56	2490	340	267	2.14	<5	3	439	<20	0.10	<10
H741341		20	6.21	1160	1	2.15	551	740	101	2.22	<5	16	138	<20	0.59	<10

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Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741328		<10	125	<10	101	0.007	0.119	0.095			
H741329		<10	128	<10	105	0.010	0.169	0.148			
H741330		<10	133	<10	107	0.009	0.139	0.118			
H741331		<10	133	<10	98	0.008	0.125	0.107			
H741332		<10	141	<10	101	0.009	0.144	0.133			
H741333		<10	145	<10	99	0.008	0.111	0.096			
H741334		<10	150	<10	101	0.008	0.110	0.093			
H741335		<10	158	<10	118	0.005	0.0787	0.063			
H741336		<10	169	<10	101	0.006	0.0947	0.080			
H741337		<10	183	<10	101	0.007	0.104	0.092			
H741338		<10	195	<10	129	0.007	0.102	0.091			
H741339		<10	170	<10	644	0.174	>1.00	>1.00	0.22	3.60	3.31
H741340		<10	39	<10	37	0.018	0.0108	0.014			
H741341		<10	143	<10	80	0.070	0.778	0.715			

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

Finalized Date: 13-AUG-2009
This copy reported on 19-AUG-2009
Account: MGMAM

CERTIFICATE TB09076772

Project: SD09-133 BL

P.O. No.:

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 27-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168205		1.76	0.5	1.70	6	100	<0.5	<2	1.96	<0.5	129	2900	230	9.86	10	0.23
G168206		1.23	<0.5	6.90	<5	640	2.7	<2	0.26	<0.5	2	18	7	1.18	20	4.02
H741342		3.71	<0.5	6.39	<5	550	1.4	<2	0.36	<0.5	3	16	6	0.91	20	3.45
H741343		3.34	<0.5	7.28	<5	190	2.6	2	1.77	<0.5	38	367	88	6.03	20	1.50
H741343 CRD		<0.02	<0.5	7.06	8	180	2.5	5	2.01	0.5	40	399	96	6.31	20	1.38
H741344		4.48	0.5	6.76	<5	670	1.5	<2	0.23	<0.5	5	32	4	0.98	20	3.12
H741345		4.31	0.7	7.16	9	530	2.8	<2	0.70	<0.5	26	196	9	5.27	20	2.18
H741346		3.93	<0.5	7.28	<5	1350	2.3	3	0.28	<0.5	9	66	9	1.62	20	3.90
H741347		4.64	0.5	7.63	8	360	2.2	2	0.34	<0.5	19	94	30	3.45	30	2.56
H741348		4.14	<0.5	6.95	6	660	3.2	<2	1.47	<0.5	25	163	95	5.12	20	2.41
H741349		1.67	<0.5	6.51	5	190	1.9	<2	3.66	<0.5	43	177	67	8.31	20	0.56
H741350		0.09	0.7	6.04	<5	890	1.0	<2	1.29	<0.5	2	22	15	1.50	10	2.05
H741351		4.51	0.5	3.28	<5	770	1.0	<2	4.20	<0.5	93	1000	113	9.67	10	0.59
H741352		4.69	<0.5	3.07	<5	140	0.7	8	3.67	<0.5	104	1730	282	9.93	10	0.38
H741353		1.58	<0.5	7.36	<5	80	1.9	5	3.82	<0.5	30	150	64	6.67	20	0.14
H741354		3.43	<0.5	2.65	11	70	0.7	3	3.58	<0.5	108	1810	289	10.05	10	0.37
H741355		4.47	0.9	2.63	13	120	0.6	<2	3.48	<0.5	120	2040	423	10.50	10	0.45
H741356		4.38	<0.5	2.60	<5	130	0.6	<2	3.31	<0.5	112	2060	132	9.86	10	0.41
H741357		4.31	<0.5	2.40	<5	120	0.5	<2	3.06	<0.5	121	2280	259	10.10	10	0.30
H741358		4.03	<0.5	2.28	<5	110	0.6	6	2.80	<0.5	121	2370	322	9.89	10	0.32
H741359		4.34	<0.5	2.29	<5	120	0.6	4	2.71	<0.5	119	2240	233	9.90	10	0.36
H741360		0.10	17.9	7.10	185	450	0.7	<2	3.31	2.9	15	109	333	4.36	10	0.84
H741361		4.41	<0.5	2.38	<5	130	0.6	6	2.78	<0.5	127	2410	198	10.25	10	0.31
H741362		4.33	<0.5	2.14	<5	100	0.5	<2	2.57	<0.5	127	2500	197	10.25	10	0.24
H741363		4.31	<0.5	2.07	<5	100	0.5	<2	2.55	<0.5	128	2560	219	10.20	10	0.25
H741363 CRD		<0.02	0.5	1.97	<5	100	0.5	<2	2.48	<0.5	125	2460	209	9.96	10	0.23
H741364		4.41	<0.5	1.99	<5	100	0.5	2	2.45	<0.5	133	2660	176	10.15	10	0.21
H741365		4.37	0.5	1.94	<5	100	<0.5	<2	2.30	<0.5	129	2680	150	10.05	10	0.21
H741366		4.31	<0.5	1.75	<5	100	<0.5	<2	2.10	<0.5	122	2650	121	9.48	<10	0.19
H741367		4.24	<0.5	1.81	<5	90	<0.5	<2	2.22	<0.5	129	2840	178	9.98	10	0.18
H741368		4.27	0.5	1.72	<5	80	<0.5	4	2.02	<0.5	124	2890	129	9.54	<10	0.17
H741369		4.17	<0.5	1.80	<5	90	<0.5	<2	2.11	<0.5	129	3070	241	9.99	<10	0.19
H741370		2.26	<0.5	1.72	<5	100	<0.5	3	2.05	<0.5	128	2940	249	9.61	<10	0.23
H741371		4.06	0.5	1.78	<5	80	<0.5	3	1.93	<0.5	126	2950	167	9.41	<10	0.21
H741372		4.18	<0.5	1.76	<5	80	<0.5	2	2.02	<0.5	126	2950	156	9.41	<10	0.18
H741373		4.19	<0.5	1.75	<5	80	<0.5	2	1.98	<0.5	127	3170	217	9.42	<10	0.20
H741374		3.93	0.6	1.76	<5	70	<0.5	<2	1.93	<0.5	131	3570	304	9.64	<10	0.20
H741375		4.25	<0.5	1.71	<5	60	<0.5	<2	1.74	<0.5	128	3900	291	9.46	10	0.21
H741376		4.19	0.5	1.77	5	90	<0.5	3	1.83	<0.5	134	3400	292	9.87	<10	0.21
H741377		4.27	0.6	1.86	<5	80	0.5	<2	2.07	<0.5	143	3370	461	10.55	10	0.25

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
G168205		10	17.20	1390	<1	0.22	1325	440	4	0.35	6	10	214	<20	0.46	<10
G168206		<10	0.34	555	1	2.43	63	320	10	0.22	<5	4	229	<20	0.03	<10
H741342		10	0.33	57	13	2.11	32	280	10	0.55	<5	3	123	<20	0.03	<10
H741343		40	4.97	579	5	1.06	154	1110	23	2.23	<5	22	76	<20	0.94	<10
H741343 CRD		40	5.31	630	5	1.09	176	1130	30	2.21	<5	21	79	<20	1.00	<10
H741344		10	0.48	63	28	2.47	24	360	11	0.55	<5	4	130	<20	0.06	<10
H741345		50	4.49	976	4	1.10	144	2130	6	2.46	<5	17	79	<20	0.34	<10
H741346		20	0.76	145	14	2.28	52	630	7	1.07	<5	7	158	<20	0.12	<10
H741347		30	1.49	257	8	2.46	69	610	3	1.81	<5	14	127	<20	0.22	<10
H741348		20	3.26	665	3	2.44	99	1400	8	1.92	<5	14	181	<20	0.34	<10
H741349		40	4.69	1745	1	3.14	116	1390	14	1.32	<5	22	305	<20	1.54	<10
H741350		10	0.20	557	<1	2.55	3	180	7	0.01	<5	4	163	<20	0.11	<10
H741351		20	12.15	1585	2	0.54	636	670	11	1.15	<5	21	331	<20	0.82	<10
H741352		20	13.30	1395	2	0.33	858	750	<2	0.94	<5	18	202	<20	0.73	<10
H741353		40	3.90	1025	2	4.09	104	1580	11	3.77	<5	19	269	<20	1.47	<10
H741354		20	13.85	1730	1	0.20	876	570	5	0.64	<5	19	133	<20	0.75	<10
H741355		20	14.70	1830	1	0.36	996	620	12	0.83	<5	18	244	<20	0.70	<10
H741356		20	14.75	1415	1	0.41	905	600	2	0.19	<5	16	289	<20	0.67	<10
H741357		20	15.60	1430	1	0.41	1020	570	<2	0.16	<5	15	286	<20	0.64	<10
H741358		20	15.45	1415	1	0.33	1040	550	4	0.20	<5	14	257	<20	0.63	<10
H741359		20	15.85	1420	1	0.38	1000	550	<2	0.16	<5	13	265	<20	0.60	<10
H741360		10	1.60	755	190	2.01	114	540	251	0.25	9	14	257	<20	0.32	<10
H741361		20	16.80	1475	1	0.44	1070	520	<2	0.17	<5	13	283	<20	0.61	<10
H741362		20	17.20	1450	1	0.45	1110	540	<2	0.13	<5	13	255	<20	0.58	<10
H741363		20	17.20	1450	<1	0.36	1150	500	<2	0.23	<5	13	248	<20	0.56	<10
H741363 CRD		20	16.55	1405	1	0.35	1100	480	<2	0.23	<5	12	237	<20	0.54	<10
H741364		20	17.45	1435	1	0.43	1170	470	<2	0.14	<5	12	255	<20	0.54	<10
H741365		20	17.45	1420	1	0.43	1170	490	<2	0.09	<5	12	234	<20	0.53	<10
H741366		20	16.75	1345	<1	0.32	1120	440	<2	0.19	<5	11	210	<20	0.48	<10
H741367		20	17.75	1410	1	0.29	1220	430	<2	0.14	<5	11	223	<20	0.50	<10
H741368		10	17.15	1345	<1	0.23	1170	400	2	0.15	<5	11	199	<20	0.47	<10
H741369		20	17.80	1395	<1	0.27	1270	440	<2	0.16	<5	11	213	<20	0.48	<10
H741370		20	17.50	1420	1	0.21	1250	430	2	0.34	<5	11	211	<20	0.45	<10
H741371		20	17.35	1370	1	0.16	1210	420	<2	0.26	<5	10	157	<20	0.45	<10
H741372		10	17.35	1325	1	0.20	1220	390	<2	0.13	<5	10	182	<20	0.45	<10
H741373		20	17.55	1310	1	0.22	1280	390	2	0.21	5	10	206	<20	0.46	<10
H741374		20	18.00	1345	2	0.17	1390	410	<2	0.27	<5	10	179	<20	0.47	<10
H741375		10	17.70	1355	1	0.14	1420	390	<2	0.22	<5	10	130	<20	0.45	<10
H741376		20	18.30	1390	1	0.15	1410	390	3	0.29	<5	10	145	<20	0.45	<10
H741377		20	19.15	1490	<1	0.19	1500	460	<2	0.32	5	11	187	<20	0.48	<10

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
G168205		<10	100	<10	108	0.009	0.155	0.142
G168206		20	3	<10	<2	0.001	0.0019	0.002
H741342		10	7	<10	<2	<0.001	0.0005	0.001
H741343		10	209	<10	92	0.002	0.0119	0.007
H741343 CRD		<10	217	<10	111	0.002	0.0104	0.006
H741344		10	19	<10	3	<0.001	0.0005	0.001
H741345		<10	122	<10	46	<0.001	0.0021	0.002
H741346		20	47	<10	5	<0.001	0.0009	0.001
H741347		10	101	<10	17	<0.001	0.0017	0.002
H741348		10	126	<10	66	<0.001	0.0022	0.002
H741349		<10	305	<10	102	0.003	0.0048	0.004
H741350		<10	16	<10	24	0.002	<0.0005	<0.001
H741351		<10	178	<10	141	0.005	0.0278	0.029
H741352		<10	171	<10	102	0.010	0.106	0.103
H741353		<10	240	<10	66	0.005	0.0108	0.011
H741354		<10	176	<10	168	0.010	0.134	0.127
H741355		<10	162	<10	178	0.015	0.241	0.231
H741356		<10	145	<10	100	0.006	0.0811	0.076
H741357		<10	139	<10	95	0.008	0.106	0.098
H741358		<10	137	<10	95	0.010	0.151	0.132
H741359		<10	128	<10	96	0.008	0.105	0.094
H741360		10	107	<10	352	0.382	0.122	0.450
H741361		<10	128	<10	101	0.008	0.0773	0.074
H741362		<10	124	<10	97	0.007	0.0807	0.070
H741363		<10	123	<10	99	0.008	0.0956	0.085
H741363 CRD		<10	117	<10	94	0.008	0.0909	0.086
H741364		<10	117	<10	95	0.007	0.0791	0.074
H741365		<10	115	<10	94	0.006	0.0668	0.058
H741366		<10	106	<10	89	0.005	0.0448	0.037
H741367		<10	109	<10	92	0.007	0.0879	0.076
H741368		<10	104	<10	88	0.005	0.0580	0.050
H741369		<10	106	<10	91	0.009	0.135	0.118
H741370		<10	102	<10	102	0.010	0.157	0.141
H741371		<10	99	<10	95	0.006	0.0908	0.082
H741372		<10	96	<10	85	0.007	0.0857	0.075
H741373		<10	100	<10	85	0.010	0.162	0.141
H741374		<10	103	<10	92	0.012	0.188	0.170
H741375		<10	102	<10	88	0.013	0.187	0.157
H741376		<10	104	<10	111	0.012	0.212	0.184
H741377		<10	112	<10	106	0.018	0.288	0.265

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741378		4.30	0.5	1.81	9	90	<0.5	2	1.90	<0.5	134	3160	335	9.90	<10	0.22
H741379		4.30	<0.5	1.78	<5	80	<0.5	<2	1.98	<0.5	131	2890	347	9.61	<10	0.18
H741380		0.10	1.5	5.89	<5	740	0.6	<2	1.27	<0.5	82	112	3500	4.78	10	2.48
H741381		4.71	<0.5	1.97	7	80	<0.5	<2	2.13	<0.5	137	2950	339	10.45	<10	0.26
H741382		4.52	<0.5	2.02	<5	100	<0.5	<2	2.22	<0.5	138	2790	430	10.45	<10	0.23
H741383		4.70	<0.5	2.08	8	90	0.5	<2	2.30	<0.5	134	2890	311	10.35	<10	0.24
H741383 CRD		<0.02	<0.5	2.11	<5	90	0.5	2	2.32	<0.5	134	2850	317	10.35	<10	0.25
H741384		4.83	<0.5	2.05	7	80	<0.5	2	2.41	<0.5	128	2840	272	9.80	<10	0.30
H741385		4.58	0.6	2.22	<5	100	0.5	<2	2.67	<0.5	129	2830	317	10.25	<10	0.28
H741386		4.87	<0.5	2.24	<5	110	0.5	3	2.85	<0.5	123	2620	246	9.92	<10	0.29
H741387		4.67	<0.5	2.40	<5	120	0.5	3	3.07	<0.5	117	2320	470	9.89	<10	0.30
H741388		4.70	0.8	2.58	<5	120	0.5	<2	3.33	<0.5	120	2530	522	10.25	10	0.30
H741389		2.29	<0.5	2.17	<5	80	<0.5	<2	3.37	<0.5	124	2200	677	10.25	<10	0.18
H741390		0.09	<0.5	6.15	<5	850	0.9	<2	1.24	<0.5	3	28	17	1.56	10	2.04
H741391		5.10	<0.5	2.88	10	60	<0.5	<2	4.03	<0.5	110	2420	362	10.20	<10	0.25
H741392		3.61	<0.5	6.54	8	150	1.2	<2	3.78	0.5	47	447	694	7.32	10	0.80
H741393		2.37	<0.5	6.83	5	260	1.4	<2	0.75	<0.5	21	115	32	4.76	20	1.23
H741394		6.15	<0.5	6.84	6	60	1.6	2	0.66	<0.5	22	116	57	5.35	20	0.67
H741395		3.68	<0.5	7.26	5	200	2.7	<2	0.76	<0.5	27	183	48	4.79	20	1.58
H741396		1.75	<0.5	4.36	8	110	1.6	<2	2.98	<0.5	110	1740	268	9.25	10	0.41
H741397		2.78	<0.5	6.70	13	260	2.1	7	0.57	<0.5	33	115	429	3.92	30	2.21
H741398		3.25	<0.5	6.82	<5	260	2.3	4	0.37	<0.5	6	26	114	1.32	20	2.74
H741399		3.38	<0.5	3.50	<5	80	0.7	2	2.41	<0.5	125	1980	315	9.98	10	0.27
H741400		0.10	18.2	7.16	207	450	0.7	<2	3.29	2.9	15	108	351	4.52	10	0.84
H741401		4.45	<0.5	2.75	<5	110	0.5	3	2.40	<0.5	137	2410	139	11.15	<10	0.24
H741402		2.25	<0.5	2.50	<5	90	0.5	2	2.31	<0.5	137	2550	94	10.70	10	0.23
H741403		2.19	<0.5	2.38	<5	90	0.5	<2	2.34	<0.5	138	2810	132	10.90	<10	0.22
H741403 CRD		0.02	<0.5	2.37	6	90	0.5	2	2.36	<0.5	140	2880	127	10.80	<10	0.23
H741404		4.39	<0.5	2.39	<5	90	<0.5	<2	2.19	<0.5	133	3020	141	10.50	<10	0.22
H741405		4.43	<0.5	2.41	<5	100	0.8	<2	2.15	<0.5	134	3120	145	10.85	<10	0.38
H741406		4.54	<0.5	2.89	<5	110	0.8	<2	2.79	<0.5	125	2720	216	10.35	10	0.38
H741407		4.60	<0.5	3.39	<5	130	0.8	<2	2.56	<0.5	123	2500	175	10.80	10	0.38
H741408		4.84	<0.5	4.32	<5	500	1.1	<2	2.23	<0.5	122	1210	120	12.50	10	0.64
H741409		3.24	<0.5	7.58	<5	460	2.1	<2	1.69	<0.5	40	87	55	7.35	20	1.91
H741410		0.99	<0.5	6.57	<5	640	2.5	<2	0.35	<0.5	2	12	4	1.25	20	4.00
H741411		3.68	<0.5	7.75	8	270	2.3	<2	2.81	<0.5	40	8	30	8.07	20	0.51
H741412		3.59	<0.5	8.23	<5	480	2.7	<2	0.66	<0.5	16	93	13	3.94	20	2.17
H741413		4.85	<0.5	8.42	<5	640	2.3	4	0.76	<0.5	18	86	44	3.98	20	2.12

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741378		10	17.05	1395	1	0.22	1320	440	5	0.38	<5	10	227	<20	0.45	<10
H741379		10	16.40	1325	<1	0.28	1250	430	3	0.17	<5	10	241	<20	0.44	<10
H741380		10	0.90	392	27	1.57	2570	340	8	2.32	<5	3	453	<20	0.09	<10
H741381		10	17.50	1480	<1	0.29	1340	500	3	0.34	<5	11	235	<20	0.49	<10
H741382		10	17.50	1450	<1	0.37	1360	520	<2	0.21	<5	12	251	<20	0.50	<10
H741383		10	17.25	1450	1	0.37	1320	490	4	0.19	<5	12	245	<20	0.52	<10
H741383 CRD		10	17.25	1455	<1	0.37	1310	500	4	0.20	<5	12	250	<20	0.52	<10
H741384		10	16.20	1395	<1	0.33	1220	490	5	0.31	<5	12	251	<20	0.51	<10
H741385		10	16.45	1430	<1	0.43	1280	530	3	0.24	<5	13	282	<20	0.56	<10
H741386		20	15.50	1395	1	0.40	1150	580	4	0.25	<5	14	285	<20	0.59	<10
H741387		20	14.55	1375	<1	0.45	1130	590	4	0.41	<5	15	305	<20	0.60	<10
H741388		20	14.75	1415	<1	0.48	1180	540	6	0.50	<5	17	291	<20	0.67	<10
H741389		10	14.20	1405	<1	0.33	1160	440	4	0.37	<5	18	203	<20	0.61	<10
H741390		10	0.24	557	<1	2.64	6	190	7	<0.01	<5	5	182	<20	0.11	<10
H741391		10	13.30	1440	<1	0.29	990	470	5	1.05	<5	23	174	<20	0.70	<10
H741392		20	5.75	1395	1	2.16	430	970	32	1.79	<5	24	227	<20	0.95	<10
H741393		20	2.23	398	<1	3.19	103	770	5	1.56	<5	11	125	<20	0.34	<10
H741394		10	2.20	382	1	3.34	75	830	17	1.98	<5	11	102	<20	0.36	<10
H741395		20	2.56	467	1	2.32	98	750	3	1.28	<5	12	111	<20	0.34	<10
H741396		10	10.85	1255	1	0.69	984	890	28	0.43	<5	18	306	<20	1.04	10
H741397		20	2.05	352	1	2.37	334	600	46	1.21	<5	8	135	<20	0.19	<10
H741398		<10	0.91	221	<1	3.01	106	440	6	0.38	<5	3	137	<20	0.11	<10
H741399		10	13.90	1420	1	0.63	1250	830	6	0.46	<5	13	287	<20	0.82	<10
H741400		10	1.57	774	193	2.09	120	580	259	0.27	10	14	277	<20	0.31	<10
H741401		20	15.90	1555	1	0.47	1300	610	4	0.62	<5	12	251	<20	0.69	<10
H741402		10	16.00	1400	1	0.43	1290	600	5	0.56	<5	11	257	<20	0.62	<10
H741403		10	16.45	1420	1	0.37	1320	570	3	0.54	<5	11	250	<20	0.60	<10
H741403 CRD		10	16.35	1425	<1	0.38	1330	560	3	0.55	<5	11	252	<20	0.60	<10
H741404		10	16.05	1365	<1	0.40	1300	520	3	0.34	<5	11	250	<20	0.61	<10
H741405		10	15.90	1510	1	0.47	1280	390	4	0.66	<5	14	213	<20	0.64	<10
H741406		20	14.50	1420	1	0.72	1240	530	7	1.18	<5	13	335	<20	0.76	<10
H741407		20	13.05	1430	1	0.74	1020	820	3	0.76	<5	13	355	<20	0.91	<10
H741408		30	10.85	1625	<1	1.00	692	1020	9	1.32	<5	12	481	<20	1.27	<10
H741409		30	2.71	951	1	2.87	70	1300	10	1.06	<5	11	354	<20	1.15	<10
H741410		<10	0.34	477	<1	2.10	7	340	12	0.19	<5	5	218	<20	0.04	<10
H741411		50	3.59	1000	1	3.51	20	2010	14	2.14	<5	16	325	<20	1.66	<10
H741412		20	1.89	369	<1	3.38	60	760	10	1.00	<5	13	279	<20	0.35	<10
H741413		20	1.88	357	<1	3.00	58	700	2	0.73	<5	12	287	<20	0.32	<10

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741378		<10	103	<10	110	0.013	0.198	0.178
H741379		<10	100	<10	99	0.012	0.179	0.164
H741380		<10	39	<10	39	0.014	0.0101	0.013
H741381		<10	109	<10	114	0.010	0.163	0.160
H741382		<10	112	<10	107	0.013	0.188	0.191
H741383		<10	115	<10	112	0.011	0.157	0.152
H741383 CRD		<10	115	<10	112	0.011	0.155	0.153
H741384		<10	114	<10	109	0.010	0.133	0.128
H741385		<10	125	<10	108	0.011	0.145	0.131
H741386		<10	134	<10	106	0.009	0.116	0.103
H741387		<10	139	<10	103	0.015	0.192	0.181
H741388		<10	158	<10	109	0.016	0.186	0.181
H741389		<10	145	<10	102	0.014	0.157	0.145
H741390		10	15	<10	29	0.001	0.0015	0.001
H741391		<10	181	<10	110	0.007	0.0609	0.053
H741392		<10	199	<10	173	0.016	0.212	0.198
H741393		10	96	<10	34	0.004	0.0429	0.040
H741394		10	106	<10	42	0.003	0.0020	0.002
H741395		10	111	<10	46	0.002	0.0041	0.004
H741396		<10	201	<10	141	0.008	0.0710	0.065
H741397		10	58	<10	81	0.009	0.133	0.110
H741398		20	13	<10	54	0.005	0.0293	0.034
H741399		<10	150	<10	114	0.008	0.0867	0.084
H741400		<10	107	<10	391	0.356	0.0960	0.420
H741401		<10	142	<10	118	0.007	0.0361	0.034
H741402		<10	134	<10	116	0.003	0.0218	0.018
H741403		<10	131	<10	119	0.004	0.0286	0.024
H741403 CRD		<10	133	<10	124	0.004	0.0282	0.025
H741404		<10	132	<10	108	0.004	0.0310	0.028
H741405		<10	139	<10	137	0.003	0.0286	0.025
H741406		<10	156	<10	121	0.004	0.0414	0.036
H741407		<10	178	<10	118	0.004	0.0268	0.024
H741408		<10	250	<10	157	0.003	0.0066	0.006
H741409		<10	208	<10	94	0.003	0.0009	0.001
H741410		20	4	<10	7	0.002	<0.0005	<0.001
H741411		<10	220	<10	122	0.002	<0.0005	<0.001
H741412		10	100	<10	94	0.002	0.0011	0.001
H741413		<10	101	<10	41	0.002	0.0013	0.001

Comments: **CORRECTED COPY for sample description H741345**

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **MAGMA METALS (CANADA) LIMITED**
P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 6-AUG-2009
Account: MGMAM

CERTIFICATE TB09074495

Project: SD09-132 BL

P.O. No.:

This report is for 94 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 22-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168203		1.83	<0.5	1.24	<5	60	<0.5	3	1.55	<0.5	149	3440	316	10.30	10	0.13
G168203 CRD		0.02	<0.5	1.24	<5	60	<0.5	<2	1.48	<0.5	148	3310	307	10.20	10	0.13
G168204		1.98	<0.5	2.51	26	110	0.5	5	2.80	<0.5	130	3110	328	10.05	10	0.28
H741255		4.80	<0.5	8.67	8	770	3.8	2	0.35	<0.5	14	99	10	3.34	20	2.84
H741256		1.43	<0.5	7.90	17	360	3.9	3	1.03	<0.5	28	351	143	5.66	20	1.77
H741257		3.85	<0.5	7.12	66	510	2.0	4	0.94	<0.5	30	87	32	6.64	20	1.06
H741258		3.94	<0.5	7.07	33	420	1.7	2	2.65	<0.5	32	135	74	6.69	20	0.89
H741259		3.25	<0.5	3.06	20	30	1.2	<2	4.52	0.5	100	917	283	10.00	10	0.04
H741260		0.10	1.1	6.11	<5	830	0.7	6	1.31	<0.5	82	110	3430	4.74	20	2.53
H741261		4.35	<0.5	2.87	89	40	0.7	3	4.38	0.5	102	1290	134	9.47	10	0.08
H741262		4.55	<0.5	2.18	26	170	0.6	4	3.85	0.6	124	892	199	10.10	10	0.27
H741263		4.29	<0.5	2.32	17	120	0.6	<2	3.11	0.6	123	1115	208	10.05	10	0.33
H741263 CRD		0.02	<0.5	2.34	17	120	0.6	4	3.13	<0.5	125	1135	214	10.05	10	0.34
H741264		4.15	<0.5	2.40	11	120	0.6	6	2.97	0.5	123	1425	188	10.00	10	0.35
H741265		4.31	0.5	2.65	16	120	0.6	<2	3.46	<0.5	113	1315	461	9.53	<10	0.23
H741266		4.29	0.5	2.01	12	110	0.5	<2	3.25	<0.5	125	1625	668	9.87	<10	0.26
H741267		4.45	0.6	2.13	15	100	0.5	<2	3.00	<0.5	122	2080	617	9.57	<10	0.25
H741268		4.44	0.6	2.37	20	110	0.5	2	3.12	<0.5	125	2430	657	9.88	<10	0.27
H741269		4.42	0.7	2.14	7	120	0.5	<2	2.72	<0.5	124	2500	741	9.80	<10	0.28
H741270		0.09	<0.5	6.17	<5	910	1.0	<2	1.34	<0.5	3	29	17	1.57	10	2.11
H741271		4.54	<0.5	2.10	11	110	0.5	<2	2.71	<0.5	128	2590	530	10.10	10	0.29
H741272		4.41	0.5	2.03	21	100	0.5	4	2.71	<0.5	130	2680	599	9.99	10	0.29
H741273		4.43	0.5	1.92	7	100	0.5	<2	2.45	0.9	122	2550	235	9.40	<10	0.25
H741274		4.22	<0.5	1.80	5	80	<0.5	<2	2.55	<0.5	123	2540	382	9.45	<10	0.21
H741275		4.21	<0.5	1.76	<5	80	<0.5	4	2.44	<0.5	125	2430	214	9.66	<10	0.20
H741276		4.01	<0.5	1.65	5	60	<0.5	3	1.82	<0.5	129	2730	187	9.78	<10	0.13
H741277		3.95	<0.5	1.54	<5	60	<0.5	<2	1.76	<0.5	128	2650	180	9.60	<10	0.11
H741278		4.32	<0.5	1.44	12	70	<0.5	<2	2.37	<0.5	128	2980	108	9.72	<10	0.14
H741279		4.16	<0.5	1.37	17	70	<0.5	<2	2.41	<0.5	135	3060	156	10.00	<10	0.13
H741280		0.10	16.8	7.27	240	470	0.7	<2	3.42	3.1	15	119	347	4.34	10	0.87
H741281		4.52	<0.5	1.38	5	70	<0.5	<2	2.01	<0.5	140	3170	176	10.20	<10	0.17
H741282		4.35	<0.5	1.31	27	60	<0.5	3	1.85	<0.5	139	3000	107	10.15	<10	0.14
H741283		4.44	<0.5	1.29	86	60	<0.5	2	2.13	<0.5	136	2870	108	9.97	<10	0.12
H741283 CRD		0.02	<0.5	1.27	80	70	<0.5	<2	2.17	<0.5	139	2930	122	10.05	<10	0.12
H741284		4.42	<0.5	1.32	10	80	<0.5	<2	1.89	<0.5	140	2970	134	10.00	<10	0.14
H741285		4.42	<0.5	1.29	<5	60	<0.5	<2	1.67	<0.5	146	2990	219	10.40	<10	0.14
H741286		4.39	0.5	1.25	14	70	<0.5	<2	1.80	<0.5	142	3090	199	10.10	<10	0.13
H741287		4.29	<0.5	1.23	11	70	<0.5	2	1.71	<0.5	143	3180	137	10.10	<10	0.12
H741288		4.28	<0.5	1.23	7	60	<0.5	2	1.65	<0.5	142	3110	157	9.95	<10	0.12
H741289		4.25	<0.5	1.25	16	50	<0.5	<2	2.00	<0.5	145	3270	184	10.05	<10	0.12

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P.O. BOX 10628
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Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168203		10	19.25	1440	<1	0.12	1440	310	4	0.18	5	9	130	<20	0.34	<10
G168203 CRD		10	19.10	1430	<1	0.12	1390	310	3	0.17	<5	9	131	<20	0.34	<10
G168204		10	16.20	1430	<1	0.54	1230	530	5	0.34	<5	13	285	<20	0.61	<10
H741255		10	1.81	433	2	1.41	53	890	3	0.30	<5	13	88	<20	0.24	<10
H741256		40	3.94	633	1	1.28	192	790	4	0.68	<5	17	92	<20	0.45	<10
H741257		30	3.70	654	1	2.79	35	1020	3	1.54	<5	20	119	<20	0.88	<10
H741258		30	3.68	1275	<1	3.05	39	1190	5	0.76	<5	22	220	<20	1.07	<10
H741259		20	11.85	2720	1	0.16	672	680	16	0.49	<5	24	60	<20	0.83	<10
H741260		10	0.89	395	26	1.58	2480	340	9	2.35	<5	3	449	<20	0.10	<10
H741261		20	12.65	2310	<1	0.14	684	660	100	1.65	<5	20	85	<20	0.77	<10
H741262		10	14.95	1595	<1	0.32	934	550	9	0.66	<5	15	271	<20	0.55	<10
H741263		10	15.25	1445	<1	0.33	919	610	3	0.55	<5	15	283	<20	0.59	<10
H741263 CRD		20	15.30	1455	<1	0.33	925	620	6	0.53	<5	15	284	<20	0.59	<10
H741264		10	15.20	1445	<1	0.35	944	610	3	0.30	<5	14	311	<20	0.62	<10
H741265		20	14.00	1465	<1	0.55	916	570	4	0.56	<5	16	256	<20	0.67	<10
H741266		20	15.25	1460	<1	0.34	1135	530	2	0.28	<5	15	233	<20	0.51	<10
H741267		20	14.80	1455	<1	0.33	1130	520	2	0.31	<5	14	241	<20	0.56	<10
H741268		20	15.25	1450	<1	0.47	1130	500	<2	0.41	<5	14	306	<20	0.59	<10
H741269		20	15.30	1425	<1	0.35	1255	520	3	0.26	<5	13	303	<20	0.55	<10
H741270		10	0.24	584	1	2.66	6	190	5	<0.01	<5	5	177	<20	0.12	<10
H741271		20	16.25	1475	<1	0.34	1205	520	<2	0.20	<5	13	286	<20	0.55	<10
H741272		20	16.35	1475	<1	0.34	1270	480	4	0.39	<5	13	261	<20	0.52	<10
H741273		20	15.90	1440	<1	0.31	1090	500	14	0.14	<5	12	235	<20	0.51	<10
H741274		10	15.90	1450	<1	0.28	1135	420	<2	0.10	<5	12	212	<20	0.49	<10
H741275		20	16.40	1435	<1	0.25	1145	430	<2	0.09	<5	12	192	<20	0.47	<10
H741276		10	16.85	1555	<1	0.13	1155	380	2	0.16	<5	12	124	<20	0.43	<10
H741277		10	16.60	1550	<1	0.10	1150	380	2	0.17	<5	11	83	<20	0.42	<10
H741278		10	16.95	1440	<1	0.17	1205	360	2	0.22	<5	10	163	<20	0.39	<10
H741279		10	17.70	1475	<1	0.16	1250	340	<2	0.32	<5	11	188	<20	0.38	<10
H741280		10	1.57	796	201	2.13	118	560	264	0.27	7	14	278	<20	0.32	<10
H741281		10	18.20	1485	<1	0.23	1295	350	2	0.13	<5	10	169	<20	0.38	<10
H741282		10	18.40	1495	<1	0.21	1250	330	<2	0.31	<5	10	174	<20	0.36	<10
H741283		10	18.00	1620	<1	0.19	1215	330	24	0.84	<5	9	267	<20	0.34	<10
H741283 CRD		10	18.05	1635	<1	0.19	1240	320	20	0.80	<5	9	300	<20	0.34	<10
H741284		10	18.50	1525	<1	0.19	1270	330	7	0.31	<5	9	202	<20	0.34	<10
H741285		10	19.45	1515	<1	0.18	1360	320	<2	0.15	<5	9	157	<20	0.35	<10
H741286		10	18.95	1500	<1	0.16	1335	310	2	0.31	<5	9	265	<20	0.33	<10
H741287		10	19.15	1505	<1	0.13	1350	310	2	0.23	<5	9	203	<20	0.33	<10
H741288		10	19.00	1480	<1	0.12	1345	310	<2	0.19	<5	9	155	<20	0.33	<10
H741289		10	19.15	1495	<1	0.12	1385	310	3	0.42	<5	9	157	<20	0.33	<10

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

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168203		<10	85	<10	102	0.013	0.176	0.167			
G168203 CRD		<10	83	<10	100	0.014	0.181	0.159			
G168204		<10	137	<10	104	0.010	0.135	0.124			
H741255		10	85	<10	27	0.003	0.0021	0.002			
H741256		<10	132	<10	65	0.003	0.0131	0.014			
H741257		<10	203	<10	82	0.002	0.0032	0.003			
H741258		<10	225	<10	96	0.002	0.0024	0.003			
H741259		<10	175	<10	179	0.009	0.0629	0.050			
H741260		<10	40	<10	39	0.021	0.0098	0.014			
H741261		<10	167	<10	193	0.005	0.0363	0.038			
H741262		<10	115	<10	119	0.007	0.0619	0.068			
H741263		<10	120	<10	107	0.005	0.0506	0.053			
H741263 CRD		<10	122	<10	107	0.006	0.0530	0.060			
H741264		<10	126	<10	101	0.006	0.0672	0.066			
H741265		<10	134	<10	97	0.015	0.210	0.211			
H741266		<10	107	<10	100	0.022	0.341	0.365			
H741267		<10	118	<10	100	0.019	0.273	0.292			
H741268		<10	125	<10	103	0.019	0.287	0.283			
H741269		<10	122	<10	101	0.022	0.340	0.337			
H741270		<10	16	<10	29	0.002	0.0006	<0.001			
H741271		<10	124	<10	104	0.015	0.229	0.227			
H741272		<10	120	<10	104	0.019	0.241	0.237			
H741273		<10	114	<10	149	0.007	0.0930	0.091			
H741274		<10	113	<10	99	0.012	0.167	0.152			
H741275		<10	108	<10	103	0.007	0.0883	0.083			
H741276		<10	104	<10	100	0.006	0.0780	0.071			
H741277		<10	101	<10	101	0.005	0.0784	0.069			
H741278		<10	95	<10	108	0.004	0.0525	0.045			
H741279		<10	96	<10	103	0.006	0.0690	0.055			
H741280		<10	108	<10	399	0.306	0.0983	0.419			
H741281		<10	95	<10	105	0.009	0.102	0.086			
H741282		<10	90	<10	104	0.005	0.0639	0.054			
H741283		<10	83	<10	184	0.004	0.0553	0.051			
H741283 CRD		<10	84	<10	175	0.005	0.0642	0.058			
H741284		<10	84	<10	118	0.007	0.0773	0.069			
H741285		<10	85	<10	104	0.008	0.119	0.104			
H741286		<10	83	<10	113	0.007	0.0896	0.080			
H741287		<10	83	<10	105	0.005	0.0750	0.065			
H741288		<10	81	<10	99	0.006	0.0857	0.083			
H741289		<10	83	<10	102	0.006	0.0967	0.082			

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

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741290		2.25	<0.5	1.23	<5	60	<0.5	<2	1.56	<0.5	144	3250	255	10.10	<10	0.13
H741291		4.48	<0.5	1.22	10	60	<0.5	<2	1.55	<0.5	140	3270	238	9.78	<10	0.14
H741292		4.19	<0.5	1.24	8	50	<0.5	2	1.87	<0.5	137	3230	110	9.71	<10	0.12
H741293		4.22	<0.5	1.25	28	60	<0.5	<2	1.76	<0.5	138	3400	112	9.70	<10	0.12
H741294		4.58	<0.5	1.34	10	60	<0.5	<2	1.67	<0.5	142	3340	176	9.90	<10	0.15
H741295		4.34	<0.5	1.37	6	70	<0.5	2	1.72	<0.5	139	3360	123	9.70	<10	0.15
H741296		4.36	<0.5	1.40	5	70	<0.5	<2	1.68	<0.5	138	3350	106	9.55	<10	0.15
H741297		4.40	<0.5	1.38	<5	70	<0.5	3	1.68	<0.5	137	3450	182	9.66	<10	0.14
H741298		4.35	<0.5	1.35	7	70	<0.5	<2	1.61	<0.5	134	3550	195	9.48	<10	0.14
H741299		4.31	0.5	1.38	<5	70	<0.5	<2	1.62	<0.5	142	4300	565	9.93	<10	0.15
H741300		0.10	1.7	5.69	<5	710	0.7	2	1.29	<0.5	76	104	3290	4.46	10	2.44
H741301		4.08	<0.5	1.28	<5	60	<0.5	<2	1.56	<0.5	132	4200	222	9.40	<10	0.13
H741302		4.58	<0.5	1.41	5	70	<0.5	2	1.62	<0.5	136	3820	248	9.76	<10	0.16
H741303		4.51	<0.5	1.38	5	70	<0.5	2	1.67	<0.5	134	3420	167	9.68	<10	0.15
H741303 CRD		0.02	<0.5	1.36	<5	70	<0.5	<2	1.63	<0.5	132	3380	170	9.54	<10	0.15
H741304		4.77	<0.5	1.43	5	70	<0.5	<2	1.71	<0.5	138	3360	301	9.90	<10	0.16
H741305		4.52	<0.5	1.47	6	70	<0.5	2	1.77	<0.5	137	3330	176	9.77	<10	0.16
H741306		4.36	<0.5	1.48	<5	70	<0.5	<2	1.66	<0.5	130	2920	309	9.22	<10	0.15
H741307		4.29	0.5	1.47	<5	70	<0.5	2	1.72	<0.5	135	2950	441	9.53	<10	0.16
H741308		4.42	<0.5	1.50	<5	70	<0.5	<2	1.75	<0.5	132	3130	218	9.56	<10	0.16
H741309		4.47	<0.5	1.55	7	80	<0.5	2	1.83	<0.5	131	3060	174	9.65	<10	0.16
H741310		0.08	<0.5	6.07	<5	890	1.0	<2	1.32	<0.5	3	40	16	1.55	10	2.05
H741311		4.38	<0.5	1.59	5	80	<0.5	<2	1.76	<0.5	133	3160	193	9.82	<10	0.18
H741312		4.40	<0.5	1.58	<5	80	<0.5	<2	1.80	<0.5	135	2990	267	9.83	<10	0.17
H741313		4.43	<0.5	1.71	<5	80	<0.5	<2	2.01	<0.5	146	3100	296	10.65	<10	0.18
H741314		4.41	<0.5	1.60	<5	80	<0.5	2	1.84	<0.5	134	2810	205	9.75	<10	0.17
H741315		4.32	<0.5	1.56	5	80	<0.5	3	1.85	<0.5	135	2850	433	9.74	<10	0.18
H741316		4.30	<0.5	1.65	<5	80	<0.5	<2	1.83	<0.5	136	2950	378	9.79	<10	0.18
H741317		4.38	0.5	1.63	11	80	<0.5	<2	1.92	<0.5	128	2990	291	9.33	<10	0.18
H741318		4.47	<0.5	1.77	<5	80	<0.5	<2	1.96	<0.5	135	3160	366	9.81	<10	0.19
H741319		4.56	<0.5	1.69	<5	80	<0.5	3	1.92	<0.5	131	3080	231	9.49	<10	0.19
H741320		0.10	18.4	7.03	198	450	0.7	<2	3.33	3.1	15	119	340	4.23	10	0.84
H741321		4.48	<0.5	1.85	10	90	<0.5	2	2.17	<0.5	134	3220	235	9.87	<10	0.20
H741322		4.36	<0.5	1.79	<5	90	<0.5	2	2.06	<0.5	133	3330	298	9.76	<10	0.19
H741323		4.04	0.7	1.82	<5	90	<0.5	3	2.17	<0.5	132	3350	415	9.74	<10	0.18
H741323 CRD		0.02	0.5	1.83	7	90	<0.5	<2	2.14	<0.5	131	3330	415	9.67	10	0.18
H741324		4.14	<0.5	1.91	<5	90	<0.5	2	2.22	<0.5	130	3410	393	9.62	<10	0.20
H741325		4.26	<0.5	1.86	<5	90	<0.5	<2	2.22	<0.5	128	3410	290	9.61	<10	0.21
H741326		4.31	<0.5	1.97	23	100	0.5	2	2.37	<0.5	126	3680	302	9.46	<10	0.23
H741327		4.43	<0.5	2.00	<5	80	<0.5	<2	2.43	<0.5	128	3610	338	9.65	<10	0.18

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Finalized Date: 6-AUG-2009
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Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741290		10	19.35	1465	<1	0.12	1425	310	<2	0.16	<5	9	133	<20	0.33	<10
H741291		10	18.65	1415	<1	0.16	1395	300	<2	0.21	<5	9	156	<20	0.33	<10
H741292		10	18.65	1435	<1	0.15	1345	310	2	0.20	<5	9	145	<20	0.33	<10
H741293		10	18.60	1420	<1	0.16	1350	320	<2	0.61	<5	9	171	<20	0.33	<10
H741294		10	19.15	1440	<1	0.19	1415	340	3	0.16	<5	9	162	<20	0.34	<10
H741295		10	19.10	1405	<1	0.18	1405	340	2	0.10	<5	9	166	<20	0.34	<10
H741296		10	18.85	1380	<1	0.19	1385	340	<2	0.11	<5	9	164	<20	0.34	<10
H741297		10	19.00	1390	<1	0.17	1465	340	<2	0.12	<5	9	164	<20	0.34	<10
H741298		10	18.35	1365	<1	0.19	1375	320	2	0.19	<5	9	161	<20	0.34	<10
H741299		10	18.80	1400	<1	0.20	1735	330	<2	0.23	<5	9	161	<20	0.35	<10
H741300		10	0.88	387	26	1.50	2430	330	7	2.19	<5	3	426	<20	0.09	<10
H741301		10	17.80	1340	<1	0.17	1450	310	4	0.16	<5	9	148	<20	0.32	<10
H741302		10	18.40	1410	<1	0.22	1460	340	<2	0.18	<5	9	169	<20	0.33	<10
H741303		10	18.05	1410	<1	0.20	1355	340	<2	0.15	<5	9	167	<20	0.34	<10
H741303 CRD		10	17.75	1390	<1	0.20	1345	320	2	0.15	<5	9	164	<20	0.34	<10
H741304		10	18.30	1430	<1	0.22	1415	340	<2	0.30	<5	9	177	<20	0.34	<10
H741305		10	18.35	1430	<1	0.21	1335	350	3	0.13	<5	10	167	<20	0.36	<10
H741306		10	17.40	1340	<1	0.20	1300	350	<2	0.18	<5	9	177	<20	0.35	<10
H741307		10	17.85	1375	<1	0.21	1385	390	2	0.16	<5	9	170	<20	0.39	<10
H741308		10	17.80	1390	<1	0.21	1350	370	<2	0.14	<5	10	177	<20	0.39	<10
H741309		10	17.75	1400	<1	0.23	1315	390	<2	0.16	<5	10	200	<20	0.39	<10
H741310		10	0.25	575	1	2.59	7	180	8	<0.01	<5	5	172	<20	0.12	<10
H741311		10	17.80	1430	<1	0.24	1315	400	<2	0.15	<5	9	200	<20	0.40	<10
H741312		10	17.75	1420	<1	0.28	1305	390	2	0.13	<5	10	196	<20	0.39	<10
H741313		20	19.30	1550	<1	0.33	1410	410	<2	0.17	<5	10	223	<20	0.43	<10
H741314		10	17.85	1415	<1	0.34	1275	390	<2	0.10	<5	10	199	<20	0.41	<10
H741315		20	17.65	1400	<1	0.35	1390	400	<2	0.15	<5	10	193	<20	0.41	<10
H741316		20	17.85	1410	<1	0.34	1390	390	2	0.14	<5	10	215	<20	0.42	<10
H741317		10	17.05	1375	<1	0.35	1300	410	2	0.17	<5	10	215	<20	0.41	<10
H741318		20	18.05	1420	<1	0.40	1445	420	2	0.09	<5	10	223	<20	0.43	<10
H741319		20	17.40	1375	<1	0.43	1335	440	<2	0.08	<5	10	209	<20	0.44	<10
H741320		10	1.54	778	193	2.06	119	550	255	0.26	8	14	271	<20	0.31	<10
H741321		20	18.05	1445	<1	0.43	1390	470	<2	0.16	<5	11	231	<20	0.46	<10
H741322		20	17.80	1405	<1	0.44	1410	430	<2	0.11	<5	11	222	<20	0.46	<10
H741323		20	17.60	1400	<1	0.43	1455	460	<2	0.10	<5	11	232	<20	0.47	<10
H741323 CRD		20	17.50	1390	<1	0.43	1435	470	<2	0.10	<5	11	233	<20	0.47	<10
H741324		20	17.30	1385	<1	0.45	1405	420	<2	0.09	<5	11	238	<20	0.48	<10
H741325		20	17.20	1385	<1	0.42	1395	480	<2	0.20	<5	11	224	<20	0.49	<10
H741326		20	16.75	1365	<1	0.44	1415	470	<2	0.33	<5	11	226	<20	0.50	<10
H741327		10	16.85	1385	<1	0.38	1410	420	3	0.19	<5	12	242	<20	0.53	<10

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CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741290		<10	83	<10	101	0.010	0.143	0.138			
H741291		<10	82	<10	98	0.012	0.105	0.102			
H741292		<10	82	<10	98	0.004	0.0658	0.058			
H741293		<10	85	<10	97	0.005	0.0784	0.069			
H741294		<10	88	<10	99	0.008	0.132	0.114			
H741295		<10	88	<10	98	0.007	0.111	0.095			
H741296		<10	89	<10	99	0.006	0.0919	0.081			
H741297		<10	88	<10	97	0.008	0.135	0.109			
H741298		<10	88	<10	96	0.006	0.0903	0.077			
H741299		<10	94	<10	101	0.018	0.194	0.174			
H741300		<10	37	<10	40	0.016	0.0092	0.013			
H741301		<10	92	<10	98	0.008	0.122	0.098			
H741302		<10	91	<10	102	0.010	0.139	0.121			
H741303		<10	88	<10	98	0.006	0.0945	0.078			
H741303 CRD		<10	88	<10	98	0.006	0.0982	0.082			
H741304		<10	91	<10	99	0.011	0.168	0.145			
H741305		<10	94	<10	100	0.007	0.109	0.089			
H741306		<10	86	<10	95	0.011	0.187	0.172			
H741307		<10	91	<10	98	0.013	0.240	0.227			
H741308		<10	92	<10	98	0.008	0.140	0.125			
H741309		<10	93	<10	99	0.006	0.111	0.092			
H741310		<10	16	<10	28	<0.001	<0.0005	<0.001			
H741311		<10	93	<10	99	0.006	0.124	0.107			
H741312		<10	92	<10	99	0.009	0.155	0.134			
H741313		<10	100	<10	110	0.010	0.183	0.160			
H741314		<10	93	<10	100	0.007	0.105	0.092			
H741315		<10	93	<10	98	0.013	0.238	0.226			
H741316		<10	95	<10	99	0.012	0.212	0.193			
H741317		<10	92	<10	95	0.009	0.145	0.131			
H741318		<10	98	<10	98	0.011	0.172	0.153			
H741319		<10	98	<10	98	0.008	0.112	0.094			
H741320		<10	106	<10	387	0.344	0.110	0.439			
H741321		<10	102	<10	102	0.010	0.106	0.093			
H741322		<10	104	<10	100	0.009	0.139	0.124			
H741323		<10	105	<10	100	0.009	0.142	0.128			
H741323 CRD		<10	106	<10	99	0.013	0.199	0.178			
H741324		<10	108	<10	101	0.012	0.180	0.154			
H741325		<10	110	<10	100	0.009	0.157	0.133			
H741326		<10	116	<10	100	0.009	0.134	0.115			
H741327		<10	122	<10	101	0.011	0.183	0.155			

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

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741328		4.21	0.7	2.10	34	100	<0.5	2	2.65	<0.5	121	3380	248	9.54	<10	0.23
H741329		4.52	0.5	2.32	7	130	0.5	3	2.70	<0.5	124	3060	379	9.68	10	0.25
H741330		2.31	0.5	2.46	12	120	0.5	<2	2.77	<0.5	122	2960	306	9.76	10	0.27
H741331		4.41	<0.5	2.64	11	100	0.5	<2	2.97	<0.5	116	2740	270	9.34	10	0.28
H741332		4.48	<0.5	2.59	6	120	0.5	<2	2.91	<0.5	118	2830	376	9.63	10	0.33
H741333		4.58	0.5	2.67	18	110	0.5	3	3.12	<0.5	115	2890	293	9.49	10	0.31
H741334		4.58	<0.5	2.77	5	120	0.6	<2	3.13	<0.5	111	2700	309	9.80	10	0.38
H741335		4.60	<0.5	3.04	8	130	0.6	<2	3.44	<0.5	109	2520	238	9.88	10	0.42
H741336		4.51	<0.5	3.38	7	150	0.7	<2	3.76	<0.5	98	2170	256	9.47	10	0.42
H741337		2.75	<0.5	3.74	<5	230	0.7	<2	4.05	<0.5	92	1825	310	9.28	10	0.46
H741338		2.24	0.5	4.14	8	320	0.9	<2	4.31	<0.5	86	1515	308	9.11	10	0.41
H741339		2.26	6.2	3.32	17	100	0.7	<2	3.50	2.9	210	1260	8510	12.70	10	0.25
H741340		0.10	1.8	5.85	6	740	0.7	<2	1.33	<0.5	80	103	3410	4.75	10	2.53
H741341		3.27	1.1	6.70	12	480	1.1	<2	1.89	<0.5	53	576	1635	6.85	10	1.27

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CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741328		20	16.05	1390	<1	0.41	1280	530	4	0.56	<5	12	271	<20	0.55	<10
H741329		20	15.95	1405	<1	0.44	1290	510	4	0.22	<5	12	289	<20	0.58	<10
H741330		20	15.90	1445	<1	0.52	1240	530	4	0.24	<5	13	287	<20	0.60	<10
H741331		20	15.00	1335	<1	0.48	1165	580	<2	0.22	<5	13	285	<20	0.64	<10
H741332		20	15.05	1380	<1	0.58	1185	560	2	0.24	<5	13	313	<20	0.65	<10
H741333		20	14.55	1360	<1	0.63	1140	560	2	0.36	<5	14	329	<20	0.66	<10
H741334		20	14.35	1360	<1	0.70	1080	610	2	0.25	<5	14	329	<20	0.70	<10
H741335		20	13.95	1425	<1	0.60	1010	670	2	0.49	<5	15	361	<20	0.73	<10
H741336		20	12.35	1345	<1	0.58	881	700	6	0.62	<5	16	375	<20	0.79	<10
H741337		20	11.25	1310	1	0.67	806	790	3	0.22	<5	17	388	<20	0.91	<10
H741338		20	10.40	1705	<1	0.74	711	880	58	0.23	<5	18	295	<20	1.00	<10
H741339		20	10.20	1720	1	0.34	4160	700	51	5.02	<5	16	115	<20	0.78	10
H741340		10	0.91	401	27	1.56	2490	340	267	2.14	<5	3	439	<20	0.10	<10
H741341		20	6.21	1160	1	2.15	551	740	101	2.22	<5	16	138	<20	0.59	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 6-AUG-2009
Account: MGMAM

Project: SD09-132 BL

CERTIFICATE OF ANALYSIS TB09074495

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741328		<10	125	<10	101	0.007	0.119	0.095			
H741329		<10	128	<10	105	0.010	0.169	0.148			
H741330		<10	133	<10	107	0.009	0.139	0.118			
H741331		<10	133	<10	98	0.008	0.125	0.107			
H741332		<10	141	<10	101	0.009	0.144	0.133			
H741333		<10	145	<10	99	0.008	0.111	0.096			
H741334		<10	150	<10	101	0.008	0.110	0.093			
H741335		<10	158	<10	118	0.005	0.0787	0.063			
H741336		<10	169	<10	101	0.006	0.0947	0.080			
H741337		<10	183	<10	101	0.007	0.104	0.092			
H741338		<10	195	<10	129	0.007	0.102	0.091			
H741339		<10	170	<10	644	0.174	>1.00	>1.00	0.22	3.60	3.31
H741340		<10	39	<10	37	0.018	0.0108	0.014			
H741341		<10	143	<10	80	0.070	0.778	0.715			

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

Finalized Date: 13-AUG-2009
This copy reported on 19-AUG-2009
Account: MGMAM

CERTIFICATE TB09076772

Project: SD09-133 BL

P.O. No.:

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 27-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: JUSTIN JOHNSON
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168205		1.76	0.5	1.70	6	100	<0.5	<2	1.96	<0.5	129	2900	230	9.86	10	0.23
G168206		1.23	<0.5	6.90	<5	640	2.7	<2	0.26	<0.5	2	18	7	1.18	20	4.02
H741342		3.71	<0.5	6.39	<5	550	1.4	<2	0.36	<0.5	3	16	6	0.91	20	3.45
H741343		3.34	<0.5	7.28	<5	190	2.6	2	1.77	<0.5	38	367	88	6.03	20	1.50
H741343 CRD		<0.02	<0.5	7.06	8	180	2.5	5	2.01	0.5	40	399	96	6.31	20	1.38
H741344		4.48	0.5	6.76	<5	670	1.5	<2	0.23	<0.5	5	32	4	0.98	20	3.12
H741345		4.31	0.7	7.16	9	530	2.8	<2	0.70	<0.5	26	196	9	5.27	20	2.18
H741346		3.93	<0.5	7.28	<5	1350	2.3	3	0.28	<0.5	9	66	9	1.62	20	3.90
H741347		4.64	0.5	7.63	8	360	2.2	2	0.34	<0.5	19	94	30	3.45	30	2.56
H741348		4.14	<0.5	6.95	6	660	3.2	<2	1.47	<0.5	25	163	95	5.12	20	2.41
H741349		1.67	<0.5	6.51	5	190	1.9	<2	3.66	<0.5	43	177	67	8.31	20	0.56
H741350		0.09	0.7	6.04	<5	890	1.0	<2	1.29	<0.5	2	22	15	1.50	10	2.05
H741351		4.51	0.5	3.28	<5	770	1.0	<2	4.20	<0.5	93	1000	113	9.67	10	0.59
H741352		4.69	<0.5	3.07	<5	140	0.7	8	3.67	<0.5	104	1730	282	9.93	10	0.38
H741353		1.58	<0.5	7.36	<5	80	1.9	5	3.82	<0.5	30	150	64	6.67	20	0.14
H741354		3.43	<0.5	2.65	11	70	0.7	3	3.58	<0.5	108	1810	289	10.05	10	0.37
H741355		4.47	0.9	2.63	13	120	0.6	<2	3.48	<0.5	120	2040	423	10.50	10	0.45
H741356		4.38	<0.5	2.60	<5	130	0.6	<2	3.31	<0.5	112	2060	132	9.86	10	0.41
H741357		4.31	<0.5	2.40	<5	120	0.5	<2	3.06	<0.5	121	2280	259	10.10	10	0.30
H741358		4.03	<0.5	2.28	<5	110	0.6	6	2.80	<0.5	121	2370	322	9.89	10	0.32
H741359		4.34	<0.5	2.29	<5	120	0.6	4	2.71	<0.5	119	2240	233	9.90	10	0.36
H741360		0.10	17.9	7.10	185	450	0.7	<2	3.31	2.9	15	109	333	4.36	10	0.84
H741361		4.41	<0.5	2.38	<5	130	0.6	6	2.78	<0.5	127	2410	198	10.25	10	0.31
H741362		4.33	<0.5	2.14	<5	100	0.5	<2	2.57	<0.5	127	2500	197	10.25	10	0.24
H741363		4.31	<0.5	2.07	<5	100	0.5	<2	2.55	<0.5	128	2560	219	10.20	10	0.25
H741363 CRD		<0.02	0.5	1.97	<5	100	0.5	<2	2.48	<0.5	125	2460	209	9.96	10	0.23
H741364		4.41	<0.5	1.99	<5	100	0.5	2	2.45	<0.5	133	2660	176	10.15	10	0.21
H741365		4.37	0.5	1.94	<5	100	<0.5	<2	2.30	<0.5	129	2680	150	10.05	10	0.21
H741366		4.31	<0.5	1.75	<5	100	<0.5	<2	2.10	<0.5	122	2650	121	9.48	<10	0.19
H741367		4.24	<0.5	1.81	<5	90	<0.5	<2	2.22	<0.5	129	2840	178	9.98	10	0.18
H741368		4.27	0.5	1.72	<5	80	<0.5	4	2.02	<0.5	124	2890	129	9.54	<10	0.17
H741369		4.17	<0.5	1.80	<5	90	<0.5	<2	2.11	<0.5	129	3070	241	9.99	<10	0.19
H741370		2.26	<0.5	1.72	<5	100	<0.5	3	2.05	<0.5	128	2940	249	9.61	<10	0.23
H741371		4.06	0.5	1.78	<5	80	<0.5	3	1.93	<0.5	126	2950	167	9.41	<10	0.21
H741372		4.18	<0.5	1.76	<5	80	<0.5	2	2.02	<0.5	126	2950	156	9.41	<10	0.18
H741373		4.19	<0.5	1.75	<5	80	<0.5	2	1.98	<0.5	127	3170	217	9.42	<10	0.20
H741374		3.93	0.6	1.76	<5	70	<0.5	<2	1.93	<0.5	131	3570	304	9.64	<10	0.20
H741375		4.25	<0.5	1.71	<5	60	<0.5	<2	1.74	<0.5	128	3900	291	9.46	10	0.21
H741376		4.19	0.5	1.77	5	90	<0.5	3	1.83	<0.5	134	3400	292	9.87	<10	0.21
H741377		4.27	0.6	1.86	<5	80	0.5	<2	2.07	<0.5	143	3370	461	10.55	10	0.25

Comments: **CORRECTED COPY for sample description H741345**

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Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
G168205		10	17.20	1390	<1	0.22	1325	440	4	0.35	6	10	214	<20	0.46	<10
G168206		<10	0.34	555	1	2.43	63	320	10	0.22	<5	4	229	<20	0.03	<10
H741342		10	0.33	57	13	2.11	32	280	10	0.55	<5	3	123	<20	0.03	<10
H741343		40	4.97	579	5	1.06	154	1110	23	2.23	<5	22	76	<20	0.94	<10
H741343 CRD		40	5.31	630	5	1.09	176	1130	30	2.21	<5	21	79	<20	1.00	<10
H741344		10	0.48	63	28	2.47	24	360	11	0.55	<5	4	130	<20	0.06	<10
H741345		50	4.49	976	4	1.10	144	2130	6	2.46	<5	17	79	<20	0.34	<10
H741346		20	0.76	145	14	2.28	52	630	7	1.07	<5	7	158	<20	0.12	<10
H741347		30	1.49	257	8	2.46	69	610	3	1.81	<5	14	127	<20	0.22	<10
H741348		20	3.26	665	3	2.44	99	1400	8	1.92	<5	14	181	<20	0.34	<10
H741349		40	4.69	1745	1	3.14	116	1390	14	1.32	<5	22	305	<20	1.54	<10
H741350		10	0.20	557	<1	2.55	3	180	7	0.01	<5	4	163	<20	0.11	<10
H741351		20	12.15	1585	2	0.54	636	670	11	1.15	<5	21	331	<20	0.82	<10
H741352		20	13.30	1395	2	0.33	858	750	<2	0.94	<5	18	202	<20	0.73	<10
H741353		40	3.90	1025	2	4.09	104	1580	11	3.77	<5	19	269	<20	1.47	<10
H741354		20	13.85	1730	1	0.20	876	570	5	0.64	<5	19	133	<20	0.75	<10
H741355		20	14.70	1830	1	0.36	996	620	12	0.83	<5	18	244	<20	0.70	<10
H741356		20	14.75	1415	1	0.41	905	600	2	0.19	<5	16	289	<20	0.67	<10
H741357		20	15.60	1430	1	0.41	1020	570	<2	0.16	<5	15	286	<20	0.64	<10
H741358		20	15.45	1415	1	0.33	1040	550	4	0.20	<5	14	257	<20	0.63	<10
H741359		20	15.85	1420	1	0.38	1000	550	<2	0.16	<5	13	265	<20	0.60	<10
H741360		10	1.60	755	190	2.01	114	540	251	0.25	9	14	257	<20	0.32	<10
H741361		20	16.80	1475	1	0.44	1070	520	<2	0.17	<5	13	283	<20	0.61	<10
H741362		20	17.20	1450	1	0.45	1110	540	<2	0.13	<5	13	255	<20	0.58	<10
H741363		20	17.20	1450	<1	0.36	1150	500	<2	0.23	<5	13	248	<20	0.56	<10
H741363 CRD		20	16.55	1405	1	0.35	1100	480	<2	0.23	<5	12	237	<20	0.54	<10
H741364		20	17.45	1435	1	0.43	1170	470	<2	0.14	<5	12	255	<20	0.54	<10
H741365		20	17.45	1420	1	0.43	1170	490	<2	0.09	<5	12	234	<20	0.53	<10
H741366		20	16.75	1345	<1	0.32	1120	440	<2	0.19	<5	11	210	<20	0.48	<10
H741367		20	17.75	1410	1	0.29	1220	430	<2	0.14	<5	11	223	<20	0.50	<10
H741368		10	17.15	1345	<1	0.23	1170	400	2	0.15	<5	11	199	<20	0.47	<10
H741369		20	17.80	1395	<1	0.27	1270	440	<2	0.16	<5	11	213	<20	0.48	<10
H741370		20	17.50	1420	1	0.21	1250	430	2	0.34	<5	11	211	<20	0.45	<10
H741371		20	17.35	1370	1	0.16	1210	420	<2	0.26	<5	10	157	<20	0.45	<10
H741372		10	17.35	1325	1	0.20	1220	390	<2	0.13	<5	10	182	<20	0.45	<10
H741373		20	17.55	1310	1	0.22	1280	390	2	0.21	5	10	206	<20	0.46	<10
H741374		20	18.00	1345	2	0.17	1390	410	<2	0.27	<5	10	179	<20	0.47	<10
H741375		10	17.70	1355	1	0.14	1420	390	<2	0.22	<5	10	130	<20	0.45	<10
H741376		20	18.30	1390	1	0.15	1410	390	3	0.29	<5	10	145	<20	0.45	<10
H741377		20	19.15	1490	<1	0.19	1500	460	<2	0.32	5	11	187	<20	0.48	<10

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
G168205		<10	100	<10	108	0.009	0.155	0.142
G168206		20	3	<10	<2	0.001	0.0019	0.002
H741342		10	7	<10	<2	<0.001	0.0005	0.001
H741343		10	209	<10	92	0.002	0.0119	0.007
H741343 CRD		<10	217	<10	111	0.002	0.0104	0.006
H741344		10	19	<10	3	<0.001	0.0005	0.001
H741345		<10	122	<10	46	<0.001	0.0021	0.002
H741346		20	47	<10	5	<0.001	0.0009	0.001
H741347		10	101	<10	17	<0.001	0.0017	0.002
H741348		10	126	<10	66	<0.001	0.0022	0.002
H741349		<10	305	<10	102	0.003	0.0048	0.004
H741350		<10	16	<10	24	0.002	<0.0005	<0.001
H741351		<10	178	<10	141	0.005	0.0278	0.029
H741352		<10	171	<10	102	0.010	0.106	0.103
H741353		<10	240	<10	66	0.005	0.0108	0.011
H741354		<10	176	<10	168	0.010	0.134	0.127
H741355		<10	162	<10	178	0.015	0.241	0.231
H741356		<10	145	<10	100	0.006	0.0811	0.076
H741357		<10	139	<10	95	0.008	0.106	0.098
H741358		<10	137	<10	95	0.010	0.151	0.132
H741359		<10	128	<10	96	0.008	0.105	0.094
H741360		10	107	<10	352	0.382	0.122	0.450
H741361		<10	128	<10	101	0.008	0.0773	0.074
H741362		<10	124	<10	97	0.007	0.0807	0.070
H741363		<10	123	<10	99	0.008	0.0956	0.085
H741363 CRD		<10	117	<10	94	0.008	0.0909	0.086
H741364		<10	117	<10	95	0.007	0.0791	0.074
H741365		<10	115	<10	94	0.006	0.0668	0.058
H741366		<10	106	<10	89	0.005	0.0448	0.037
H741367		<10	109	<10	92	0.007	0.0879	0.076
H741368		<10	104	<10	88	0.005	0.0580	0.050
H741369		<10	106	<10	91	0.009	0.135	0.118
H741370		<10	102	<10	102	0.010	0.157	0.141
H741371		<10	99	<10	95	0.006	0.0908	0.082
H741372		<10	96	<10	85	0.007	0.0857	0.075
H741373		<10	100	<10	85	0.010	0.162	0.141
H741374		<10	103	<10	92	0.012	0.188	0.170
H741375		<10	102	<10	88	0.013	0.187	0.157
H741376		<10	104	<10	111	0.012	0.212	0.184
H741377		<10	112	<10	106	0.018	0.288	0.265

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741378		4.30	0.5	1.81	9	90	<0.5	2	1.90	<0.5	134	3160	335	9.90	<10	0.22
H741379		4.30	<0.5	1.78	<5	80	<0.5	<2	1.98	<0.5	131	2890	347	9.61	<10	0.18
H741380		0.10	1.5	5.89	<5	740	0.6	<2	1.27	<0.5	82	112	3500	4.78	10	2.48
H741381		4.71	<0.5	1.97	7	80	<0.5	<2	2.13	<0.5	137	2950	339	10.45	<10	0.26
H741382		4.52	<0.5	2.02	<5	100	<0.5	<2	2.22	<0.5	138	2790	430	10.45	<10	0.23
H741383		4.70	<0.5	2.08	8	90	0.5	<2	2.30	<0.5	134	2890	311	10.35	<10	0.24
H741383 CRD		<0.02	<0.5	2.11	<5	90	0.5	2	2.32	<0.5	134	2850	317	10.35	<10	0.25
H741384		4.83	<0.5	2.05	7	80	<0.5	2	2.41	<0.5	128	2840	272	9.80	<10	0.30
H741385		4.58	0.6	2.22	<5	100	0.5	<2	2.67	<0.5	129	2830	317	10.25	<10	0.28
H741386		4.87	<0.5	2.24	<5	110	0.5	3	2.85	<0.5	123	2620	246	9.92	<10	0.29
H741387		4.67	<0.5	2.40	<5	120	0.5	3	3.07	<0.5	117	2320	470	9.89	<10	0.30
H741388		4.70	0.8	2.58	<5	120	0.5	<2	3.33	<0.5	120	2530	522	10.25	10	0.30
H741389		2.29	<0.5	2.17	<5	80	<0.5	<2	3.37	<0.5	124	2200	677	10.25	<10	0.18
H741390		0.09	<0.5	6.15	<5	850	0.9	<2	1.24	<0.5	3	28	17	1.56	10	2.04
H741391		5.10	<0.5	2.88	10	60	<0.5	<2	4.03	<0.5	110	2420	362	10.20	<10	0.25
H741392		3.61	<0.5	6.54	8	150	1.2	<2	3.78	0.5	47	447	694	7.32	10	0.80
H741393		2.37	<0.5	6.83	5	260	1.4	<2	0.75	<0.5	21	115	32	4.76	20	1.23
H741394		6.15	<0.5	6.84	6	60	1.6	2	0.66	<0.5	22	116	57	5.35	20	0.67
H741395		3.68	<0.5	7.26	5	200	2.7	<2	0.76	<0.5	27	183	48	4.79	20	1.58
H741396		1.75	<0.5	4.36	8	110	1.6	<2	2.98	<0.5	110	1740	268	9.25	10	0.41
H741397		2.78	<0.5	6.70	13	260	2.1	7	0.57	<0.5	33	115	429	3.92	30	2.21
H741398		3.25	<0.5	6.82	<5	260	2.3	4	0.37	<0.5	6	26	114	1.32	20	2.74
H741399		3.38	<0.5	3.50	<5	80	0.7	2	2.41	<0.5	125	1980	315	9.98	10	0.27
H741400		0.10	18.2	7.16	207	450	0.7	<2	3.29	2.9	15	108	351	4.52	10	0.84
H741401		4.45	<0.5	2.75	<5	110	0.5	3	2.40	<0.5	137	2410	139	11.15	<10	0.24
H741402		2.25	<0.5	2.50	<5	90	0.5	2	2.31	<0.5	137	2550	94	10.70	10	0.23
H741403		2.19	<0.5	2.38	<5	90	0.5	<2	2.34	<0.5	138	2810	132	10.90	<10	0.22
H741403 CRD		0.02	<0.5	2.37	6	90	0.5	2	2.36	<0.5	140	2880	127	10.80	<10	0.23
H741404		4.39	<0.5	2.39	<5	90	<0.5	<2	2.19	<0.5	133	3020	141	10.50	<10	0.22
H741405		4.43	<0.5	2.41	<5	100	0.8	<2	2.15	<0.5	134	3120	145	10.85	<10	0.38
H741406		4.54	<0.5	2.89	<5	110	0.8	<2	2.79	<0.5	125	2720	216	10.35	10	0.38
H741407		4.60	<0.5	3.39	<5	130	0.8	<2	2.56	<0.5	123	2500	175	10.80	10	0.38
H741408		4.84	<0.5	4.32	<5	500	1.1	<2	2.23	<0.5	122	1210	120	12.50	10	0.64
H741409		3.24	<0.5	7.58	<5	460	2.1	<2	1.69	<0.5	40	87	55	7.35	20	1.91
H741410		0.99	<0.5	6.57	<5	640	2.5	<2	0.35	<0.5	2	12	4	1.25	20	4.00
H741411		3.68	<0.5	7.75	8	270	2.3	<2	2.81	<0.5	40	8	30	8.07	20	0.51
H741412		3.59	<0.5	8.23	<5	480	2.7	<2	0.66	<0.5	16	93	13	3.94	20	2.17
H741413		4.85	<0.5	8.42	<5	640	2.3	4	0.76	<0.5	18	86	44	3.98	20	2.12

Comments: **CORRECTED COPY for sample description H741345**

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

Finalized Date: 13-AUG-2009
Account: MGMAM

Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741378		10	17.05	1395	1	0.22	1320	440	5	0.38	<5	10	227	<20	0.45	<10
H741379		10	16.40	1325	<1	0.28	1250	430	3	0.17	<5	10	241	<20	0.44	<10
H741380		10	0.90	392	27	1.57	2570	340	8	2.32	<5	3	453	<20	0.09	<10
H741381		10	17.50	1480	<1	0.29	1340	500	3	0.34	<5	11	235	<20	0.49	<10
H741382		10	17.50	1450	<1	0.37	1360	520	<2	0.21	<5	12	251	<20	0.50	<10
H741383		10	17.25	1450	1	0.37	1320	490	4	0.19	<5	12	245	<20	0.52	<10
H741383 CRD		10	17.25	1455	<1	0.37	1310	500	4	0.20	<5	12	250	<20	0.52	<10
H741384		10	16.20	1395	<1	0.33	1220	490	5	0.31	<5	12	251	<20	0.51	<10
H741385		10	16.45	1430	<1	0.43	1280	530	3	0.24	<5	13	282	<20	0.56	<10
H741386		20	15.50	1395	1	0.40	1150	580	4	0.25	<5	14	285	<20	0.59	<10
H741387		20	14.55	1375	<1	0.45	1130	590	4	0.41	<5	15	305	<20	0.60	<10
H741388		20	14.75	1415	<1	0.48	1180	540	6	0.50	<5	17	291	<20	0.67	<10
H741389		10	14.20	1405	<1	0.33	1160	440	4	0.37	<5	18	203	<20	0.61	<10
H741390		10	0.24	557	<1	2.64	6	190	7	<0.01	<5	5	182	<20	0.11	<10
H741391		10	13.30	1440	<1	0.29	990	470	5	1.05	<5	23	174	<20	0.70	<10
H741392		20	5.75	1395	1	2.16	430	970	32	1.79	<5	24	227	<20	0.95	<10
H741393		20	2.23	398	<1	3.19	103	770	5	1.56	<5	11	125	<20	0.34	<10
H741394		10	2.20	382	1	3.34	75	830	17	1.98	<5	11	102	<20	0.36	<10
H741395		20	2.56	467	1	2.32	98	750	3	1.28	<5	12	111	<20	0.34	<10
H741396		10	10.85	1255	1	0.69	984	890	28	0.43	<5	18	306	<20	1.04	10
H741397		20	2.05	352	1	2.37	334	600	46	1.21	<5	8	135	<20	0.19	<10
H741398		<10	0.91	221	<1	3.01	106	440	6	0.38	<5	3	137	<20	0.11	<10
H741399		10	13.90	1420	1	0.63	1250	830	6	0.46	<5	13	287	<20	0.82	<10
H741400		10	1.57	774	193	2.09	120	580	259	0.27	10	14	277	<20	0.31	<10
H741401		20	15.90	1555	1	0.47	1300	610	4	0.62	<5	12	251	<20	0.69	<10
H741402		10	16.00	1400	1	0.43	1290	600	5	0.56	<5	11	257	<20	0.62	<10
H741403		10	16.45	1420	1	0.37	1320	570	3	0.54	<5	11	250	<20	0.60	<10
H741403 CRD		10	16.35	1425	<1	0.38	1330	560	3	0.55	<5	11	252	<20	0.60	<10
H741404		10	16.05	1365	<1	0.40	1300	520	3	0.34	<5	11	250	<20	0.61	<10
H741405		10	15.90	1510	1	0.47	1280	390	4	0.66	<5	14	213	<20	0.64	<10
H741406		20	14.50	1420	1	0.72	1240	530	7	1.18	<5	13	335	<20	0.76	<10
H741407		20	13.05	1430	1	0.74	1020	820	3	0.76	<5	13	355	<20	0.91	<10
H741408		30	10.85	1625	<1	1.00	692	1020	9	1.32	<5	12	481	<20	1.27	<10
H741409		30	2.71	951	1	2.87	70	1300	10	1.06	<5	11	354	<20	1.15	<10
H741410		<10	0.34	477	<1	2.10	7	340	12	0.19	<5	5	218	<20	0.04	<10
H741411		50	3.59	1000	1	3.51	20	2010	14	2.14	<5	16	325	<20	1.66	<10
H741412		20	1.89	369	<1	3.38	60	760	10	1.00	<5	13	279	<20	0.35	<10
H741413		20	1.88	357	<1	3.00	58	700	2	0.73	<5	12	287	<20	0.32	<10

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Project: SD09-133 BL

CERTIFICATE OF ANALYSIS TB09076772

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741378		<10	103	<10	110	0.013	0.198	0.178
H741379		<10	100	<10	99	0.012	0.179	0.164
H741380		<10	39	<10	39	0.014	0.0101	0.013
H741381		<10	109	<10	114	0.010	0.163	0.160
H741382		<10	112	<10	107	0.013	0.188	0.191
H741383		<10	115	<10	112	0.011	0.157	0.152
H741383 CRD		<10	115	<10	112	0.011	0.155	0.153
H741384		<10	114	<10	109	0.010	0.133	0.128
H741385		<10	125	<10	108	0.011	0.145	0.131
H741386		<10	134	<10	106	0.009	0.116	0.103
H741387		<10	139	<10	103	0.015	0.192	0.181
H741388		<10	158	<10	109	0.016	0.186	0.181
H741389		<10	145	<10	102	0.014	0.157	0.145
H741390		10	15	<10	29	0.001	0.0015	0.001
H741391		<10	181	<10	110	0.007	0.0609	0.053
H741392		<10	199	<10	173	0.016	0.212	0.198
H741393		10	96	<10	34	0.004	0.0429	0.040
H741394		10	106	<10	42	0.003	0.0020	0.002
H741395		10	111	<10	46	0.002	0.0041	0.004
H741396		<10	201	<10	141	0.008	0.0710	0.065
H741397		10	58	<10	81	0.009	0.133	0.110
H741398		20	13	<10	54	0.005	0.0293	0.034
H741399		<10	150	<10	114	0.008	0.0867	0.084
H741400		<10	107	<10	391	0.356	0.0960	0.420
H741401		<10	142	<10	118	0.007	0.0361	0.034
H741402		<10	134	<10	116	0.003	0.0218	0.018
H741403		<10	131	<10	119	0.004	0.0286	0.024
H741403 CRD		<10	133	<10	124	0.004	0.0282	0.025
H741404		<10	132	<10	108	0.004	0.0310	0.028
H741405		<10	139	<10	137	0.003	0.0286	0.025
H741406		<10	156	<10	121	0.004	0.0414	0.036
H741407		<10	178	<10	118	0.004	0.0268	0.024
H741408		<10	250	<10	157	0.003	0.0066	0.006
H741409		<10	208	<10	94	0.003	0.0009	0.001
H741410		20	4	<10	7	0.002	<0.0005	<0.001
H741411		<10	220	<10	122	0.002	<0.0005	<0.001
H741412		10	100	<10	94	0.002	0.0011	0.001
H741413		<10	101	<10	41	0.002	0.0013	0.001

Comments: **CORRECTED COPY for sample description H741345**

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 15-AUG-2009
Account: MGMAM

CERTIFICATE TB09077195

Project: SD09-134 BL

P.O. No.:

This report is for 99 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 30-JUL-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15-AUG-2009
Account: MGMAM

Project: SD09-134 BL

CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168207		1.80	<0.5	1.25	11	60	<0.5	<2	1.58	<0.5	142	3180	136	10.05	<10	0.17
G168208		1.87	<0.5	2.03	10	90	<0.5	<2	2.37	<0.5	129	3020	351	9.82	10	0.22
H065451		2.31	1.5	3.54	10	220	0.8	<2	3.68	0.5	130	1680	2590	10.45	10	0.56
H065452		2.50	0.6	3.73	9	300	1.0	<2	2.93	<0.5	122	1570	1675	9.42	20	0.54
H065453		1.10	0.5	3.62	13	50	1.2	<2	5.16	<0.5	69	1270	2040	8.56	10	0.22
H065454		0.93	<0.5	6.43	36	470	2.1	<2	3.53	<0.5	22	142	132	4.42	10	1.71
H065455		4.38	<0.5	6.89	21	780	2.5	<2	0.75	<0.5	20	117	59	3.34	10	3.36
H065456		4.03	<0.5	6.90	22	610	2.5	<2	1.08	<0.5	16	96	66	3.18	20	2.97
H741414		4.09	<0.5	7.68	18	610	2.0	<2	0.49	<0.5	21	115	76	3.98	20	2.42
H741415		3.98	<0.5	7.74	12	370	1.8	<2	0.43	<0.5	18	122	6	3.87	30	1.88
H741416		2.04	<0.5	5.79	7	530	1.6	<2	0.40	<0.5	17	99	12	3.69	10	1.44
H741417		4.58	<0.5	6.76	11	420	1.6	<2	2.00	<0.5	24	78	15	6.54	20	1.06
H741418		4.24	<0.5	7.01	<5	520	1.7	<2	1.77	<0.5	27	90	69	6.33	20	1.34
H741419		2.82	<0.5	5.23	8	130	1.7	<2	6.33	<0.5	45	114	216	7.36	20	0.37
H741420		0.10	1.2	6.08	6	690	0.7	<2	1.42	<0.5	84	112	3450	4.80	20	2.58
H741421		2.41	<0.5	3.16	15	20	1.0	<2	5.89	<0.5	79	783	298	9.10	10	0.05
H741422		3.99	<0.5	4.11	<5	70	1.1	<2	5.82	<0.5	52	489	117	7.37	20	0.19
H741423		3.83	<0.5	2.10	25	140	0.5	<2	4.15	<0.5	119	1570	136	9.43	10	0.21
H741423 CRD		0.02	<0.5	2.05	28	140	0.5	<2	4.07	<0.5	119	1540	126	9.54	10	0.21
H741424		2.02	<0.5	5.79	16	90	1.2	<2	6.61	<0.5	32	208	56	7.43	20	0.28
H741425		5.22	<0.5	2.25	6	120	0.6	<2	3.84	<0.5	117	1610	278	9.65	10	0.24
H741426		4.69	<0.5	2.38	16	180	0.6	<2	3.68	<0.5	117	1670	228	9.86	10	0.32
H741427		4.81	<0.5	2.34	<5	120	0.5	<2	3.24	<0.5	125	2000	184	10.15	10	0.38
H741428		4.98	<0.5	2.37	9	120	0.5	<2	3.09	<0.5	129	2060	220	10.35	10	0.37
H741429		4.64	<0.5	2.28	<5	130	0.5	<2	2.75	<0.5	127	2140	514	9.92	10	0.35
H741430		0.09	<0.5	1.33	<5	90	<0.5	<2	1.82	<0.5	17	421	99	6.54	10	0.06
H741431		4.47	<0.5	2.21	34	110	0.5	<2	3.14	<0.5	126	2290	736	10.10	10	0.25
H741432		4.59	<0.5	1.78	<5	110	<0.5	<2	3.02	<0.5	126	2380	382	9.98	10	0.23
H741433		4.59	<0.5	1.96	27	160	0.5	<2	3.10	<0.5	128	2390	302	10.00	10	0.24
H741434		4.57	<0.5	1.74	12	100	<0.5	<2	2.57	<0.5	135	2630	275	10.15	10	0.24
H741435		4.43	<0.5	1.69	7	280	<0.5	<2	2.85	<0.5	126	2480	297	9.62	20	0.20
H741436		4.62	<0.5	1.54	<5	140	<0.5	<2	2.24	<0.5	138	2790	385	10.20	10	0.21
H741437		4.49	<0.5	1.42	7	110	<0.5	<2	2.04	<0.5	141	2900	241	10.15	<10	0.18
H741438		4.61	<0.5	1.41	6	110	<0.5	<2	1.91	<0.5	144	2970	291	10.50	10	0.21
H741439		4.70	<0.5	1.30	9	110	<0.5	<2	1.75	<0.5	142	3260	214	10.20	10	0.20
H741440		0.10	15.2	7.16	206	470	0.6	<2	3.31	2.8	15	117	336	4.28	20	0.85
H741441		4.60	<0.5	1.22	18	70	<0.5	<2	1.59	<0.5	143	3250	281	10.20	10	0.19
H741442		4.70	<0.5	1.29	5	60	<0.5	<2	1.58	<0.5	152	3240	288	10.70	<10	0.20
H741443		4.63	<0.5	1.29	9	60	<0.5	<2	1.63	<0.5	148	3410	264	10.95	<10	0.20
H741443 CRD		0.02	<0.5	1.23	8	60	<0.5	<2	1.54	<0.5	149	3270	296	10.60	<10	0.19

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CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168207		10	18.95	1450	<1	0.24	1315	330	<2	0.18	<5	8	146	<20	0.30	<10
G168208		10	16.45	1315	1	0.45	1290	470	<2	0.14	<5	11	238	<20	0.51	<10
H065451		20	11.20	1265	1	0.79	1725	840	3	1.31	<5	17	351	<20	0.87	<10
H065452		20	11.85	1870	1	0.62	1140	890	8	0.90	<5	17	175	<20	0.90	<10
H065453		20	10.70	1855	2	0.56	968	640	10	1.47	<5	15	75	<20	0.81	<10
H065454		30	3.01	819	2	2.50	128	910	2	1.04	<5	13	253	<20	0.29	<10
H065455		10	2.03	409	1	1.93	66	710	<2	0.72	<5	11	124	<20	0.29	<10
H065456		10	1.63	400	3	1.82	63	750	<2	0.92	<5	11	83	<20	0.23	<10
H741414		10	2.11	427	4	2.01	72	730	3	0.82	<5	15	149	<20	0.35	<10
H741415		10	2.34	483	1	1.97	58	680	<2	0.40	<5	11	126	<20	0.30	<10
H741416		10	2.31	404	<1	1.38	73	630	<2	0.30	5	10	90	<20	0.34	<10
H741417		30	3.21	706	1	2.64	65	1310	2	0.14	7	18	104	<20	1.07	<10
H741418		20	3.25	715	7	2.82	54	1170	<2	0.11	<5	19	136	<20	0.96	<10
H741419		20	5.61	1495	1	1.74	142	930	6	0.24	<5	35	528	<20	1.19	<10
H741420		10	0.95	399	27	1.57	2510	340	5	2.40	5	4	445	<20	0.10	<10
H741421		20	10.40	2240	2	0.40	542	700	44	0.19	<5	31	67	<20	0.78	<10
H741422		20	8.55	2600	2	0.98	307	1030	108	0.08	5	28	93	<20	0.96	<10
H741423		10	13.35	1335	1	0.26	819	480	108	0.31	<5	19	169	<20	0.56	<10
H741423 CRD		10	13.35	1340	1	0.25	812	480	107	0.32	<5	19	167	<20	0.55	<10
H741424		20	6.59	2140	1	1.86	105	1180	<2	0.35	<5	29	170	<20	1.53	<10
H741425		10	14.10	1375	1	0.40	893	530	23	0.10	<5	18	232	<20	0.58	<10
H741426		10	14.65	1405	1	0.51	892	590	<2	0.30	<5	16	322	<20	0.59	<10
H741427		10	15.40	1420	<1	0.65	976	610	<2	0.09	<5	15	300	<20	0.63	<10
H741428		10	16.20	1445	1	0.64	956	540	<2	0.06	<5	14	304	<20	0.62	<10
H741429		10	15.50	1370	1	0.60	1060	550	<2	0.12	<5	13	314	<20	0.58	<10
H741430		10	10.10	894	1	0.39	208	340	<2	0.08	<5	8	197	<20	0.11	<10
H741431		10	15.25	1400	1	0.38	1175	550	<2	0.41	<5	14	273	<20	0.59	<10
H741432		10	15.50	1395	1	0.31	1080	430	<2	0.22	<5	14	249	<20	0.48	<10
H741433		10	16.00	1390	2	0.37	1065	450	2	0.53	<5	13	248	<20	0.49	<10
H741434		10	16.80	1395	1	0.40	1120	440	<2	0.14	<5	13	224	<20	0.47	<10
H741435		10	16.05	1335	1	0.25	1080	420	<2	0.27	<5	11	212	<20	0.45	<10
H741436		10	17.50	1395	1	0.30	1230	370	<2	0.15	<5	11	193	<20	0.41	<10
H741437		10	17.85	1400	<1	0.26	1195	360	2	0.11	<5	11	175	<20	0.39	<10
H741438		10	18.65	1445	1	0.27	1285	360	<2	0.12	<5	10	176	<20	0.38	<10
H741439		10	18.35	1395	1	0.25	1270	330	<2	0.12	<5	9	164	<20	0.34	<10
H741440		<10	1.56	740	185	2.02	111	540	261	0.26	11	14	266	<20	0.31	<10
H741441		10	18.60	1430	1	0.27	1315	310	<2	0.22	<5	9	161	<20	0.32	<10
H741442		10	19.30	1465	<1	0.26	1490	330	<2	0.12	<5	9	157	<20	0.33	<10
H741443		10	19.30	1460	<1	0.28	1420	320	2	0.15	<5	9	161	<20	0.33	<10
H741443 CRD		10	18.65	1410	<1	0.26	1410	320	<2	0.12	<5	9	150	<20	0.31	<10

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Finalized Date: 15-AUG-2009
Account: MGMAM

Project: SD09-134 BL

CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168207		<10	81	<10	100	0.004	0.0582	0.048			
G168208		<10	118	<10	103	0.010	0.139	0.128			
H065451		<10	182	<10	106	0.069	>1.00	>1.00	0.07	1.18	1.09
H065452		<10	185	<10	195	0.053	0.727	0.643			
H065453		<10	165	<10	153	0.049	0.685	0.605			
H065454		10	89	<10	46	0.017	0.0526	0.059			
H065455		<10	102	<10	21	0.002	0.0070	0.007			
H065456		10	85	<10	16	0.002	0.0038	0.003			
H741414		10	119	<10	56	0.002	0.0042	0.004			
H741415		10	97	<10	64	0.002	0.0017	0.002			
H741416		10	85	10	57	0.003	0.0364	0.037			
H741417		<10	209	10	92	0.002	0.0160	0.011			
H741418		10	210	<10	98	0.003	0.0148	0.012			
H741419		<10	276	10	100	0.003	0.0133	0.010			
H741420		10	42	10	38	0.017	0.0099	0.013			
H741421		<10	177	10	157	0.007	0.0713	0.064			
H741422		<10	185	<10	155	0.002	0.0105	0.008			
H741423		<10	132	<10	168	0.004	0.0464	0.044			
H741423 CRD		<10	134	<10	167	0.004	0.0431	0.041			
H741424		<10	272	10	38	0.002	0.0016	0.002			
H741425		<10	131	10	136	0.005	0.0637	0.061			
H741426		<10	129	<10	106	0.006	0.0788	0.076			
H741427		<10	135	<10	107	0.006	0.0716	0.071			
H741428		<10	129	10	107	0.006	0.0781	0.075			
H741429		<10	125	<10	104	0.015	0.219	0.220			
H741430		<10	23	<10	15	0.002	0.0021	0.001			
H741431		<10	135	<10	103	0.020	0.316	0.306			
H741432		10	114	10	114	0.012	0.170	0.155			
H741433		<10	117	<10	117	0.010	0.142	0.130			
H741434		<10	112	<10	104	0.009	0.125	0.110			
H741435		10	108	<10	99	0.009	0.132	0.120			
H741436		<10	102	10	103	0.012	0.179	0.164			
H741437		<10	97	<10	103	0.006	0.0850	0.070			
H741438		<10	95	<10	107	0.009	0.114	0.109			
H741439		<10	89	10	101	0.007	0.0852	0.070			
H741440		<10	108	10	384	0.405	0.0982	0.413			
H741441		<10	87	10	121	0.011	0.113	0.103			
H741442		<10	86	<10	109	0.010	0.132	0.116			
H741443		<10	88	<10	106	0.008	0.106	0.101			
H741443 CRD		<10	83	<10	105	0.011	0.131	0.123			

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

Finalized Date: 15-AUG-2009
Account: MGMAM

Project: SD09-134 BL

CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741444		4.74	<0.5	1.14	<5	50	<0.5	<2	1.45	<0.5	147	3240	352	10.80	<10	0.17
H741445		4.62	<0.5	1.11	6	60	<0.5	<2	1.43	<0.5	140	3050	204	10.60	<10	0.17
H741446		4.40	<0.5	1.08	9	50	<0.5	<2	1.29	<0.5	130	2860	234	9.52	<10	0.15
H741447		4.46	<0.5	1.23	14	60	<0.5	<2	1.42	<0.5	144	3320	142	10.15	<10	0.19
H741448		4.40	<0.5	1.23	14	60	<0.5	<2	1.52	<0.5	146	3280	233	11.00	<10	0.18
H741449		4.46	<0.5	1.24	<5	60	<0.5	<2	1.51	<0.5	155	3190	347	10.75	<10	0.20
H741450		2.32	<0.5	1.30	8	70	<0.5	<2	1.55	<0.5	157	3360	162	11.05	<10	0.18
H741451		4.43	<0.5	1.29	15	60	<0.5	<2	2.05	<0.5	150	3250	353	10.65	<10	0.12
H741452		4.29	<0.5	1.24	7	60	<0.5	<2	1.58	<0.5	151	3200	270	10.70	<10	0.15
H741453		4.45	<0.5	1.35	<5	60	<0.5	<2	1.67	<0.5	149	3410	237	10.80	<10	0.20
H741454		4.34	<0.5	1.35	11	60	<0.5	<2	1.67	<0.5	156	3450	217	10.75	<10	0.19
H741455		4.41	<0.5	1.38	<5	60	<0.5	<2	1.74	<0.5	150	3610	204	10.80	<10	0.19
H741456		4.43	<0.5	1.30	7	60	<0.5	<2	1.63	<0.5	144	3470	299	10.05	<10	0.19
H741457		4.46	<0.5	1.37	5	70	<0.5	<2	1.66	<0.5	138	3210	360	9.80	<10	0.21
H741458		4.43	<0.5	1.37	<5	60	<0.5	<2	1.68	<0.5	139	3320	404	9.87	<10	0.20
H741459		4.55	<0.5	1.43	7	70	<0.5	<2	1.75	<0.5	147	3690	428	10.70	<10	0.20
H741460		0.10	1.5	6.11	<5	820	0.7	<2	1.43	<0.5	86	131	3560	5.07	10	2.24
H741461		4.53	<0.5	1.49	6	70	<0.5	<2	1.79	<0.5	153	4150	480	11.30	<10	0.21
H741462		4.62	<0.5	1.46	8	70	<0.5	<2	1.73	<0.5	151	4180	274	11.25	<10	0.20
H741463		4.51	<0.5	1.46	6	70	<0.5	<2	1.78	<0.5	141	3630	156	10.85	<10	0.19
H741463 CRD		<0.02	<0.5	1.49	5	70	<0.5	<2	1.78	<0.5	149	3850	145	11.10	<10	0.20
H741464		4.67	<0.5	1.47	7	70	<0.5	<2	1.76	<0.5	148	3610	247	10.95	<10	0.18
H741465		4.47	<0.5	1.50	5	70	<0.5	<2	1.80	<0.5	146	3280	272	10.55	<10	0.18
H741466		4.46	<0.5	1.56	17	80	<0.5	<2	1.97	<0.5	147	3090	910	10.60	<10	0.17
H741467		4.69	<0.5	1.54	6	70	<0.5	<2	1.81	<0.5	145	3270	340	10.40	<10	0.18
H741468		4.57	<0.5	1.55	<5	70	<0.5	<2	1.86	<0.5	148	3430	247	10.85	<10	0.18
H741469		4.51	<0.5	1.57	<5	70	<0.5	<2	1.88	<0.5	153	3510	349	11.30	<10	0.18
H741470		0.09	<0.5	6.28	<5	930	1.0	<2	1.40	<0.5	3	33	18	1.65	10	1.87
H741471		3.10	<0.5	1.54	8	70	<0.5	<2	1.80	<0.5	147	3380	184	10.95	<10	0.16
H741472		2.23	<0.5	1.52	14	70	<0.5	<2	1.83	<0.5	138	2970	313	10.25	<10	0.14
H741473		3.64	<0.5	1.56	<5	70	<0.5	<2	1.79	<0.5	141	2990	248	10.25	<10	0.14
H741474		3.77	<0.5	1.67	9	60	<0.5	<2	1.82	<0.5	146	3130	169	10.60	<10	0.13
H741475		4.18	<0.5	1.51	<5	40	<0.5	<2	1.69	<0.5	135	2800	291	9.88	<10	0.11
H741476		3.50	<0.5	1.61	5	80	<0.5	<2	1.89	<0.5	147	3350	254	10.85	<10	0.16
H741477		4.37	<0.5	1.91	33	60	0.5	<2	2.01	0.5	142	3190	432	10.45	<10	0.16
H741478		4.40	0.5	1.65	5	70	<0.5	<2	1.98	<0.5	147	3330	588	10.55	<10	0.13
H741479		4.45	0.5	1.63	<5	70	<0.5	<2	2.07	<0.5	144	3240	910	10.70	<10	0.13
H741480		0.10	21.8	7.28	209	440	0.6	<2	3.25	2.7	15	99	351	4.33	10	0.86
H741481		4.83	2.1	1.55	9	80	<0.5	<2	1.99	0.5	178	3450	3750	11.15	<10	0.14
H741482		4.77	2.7	1.58	<5	90	<0.5	<2	1.84	0.5	198	3330	4820	12.00	<10	0.15

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 15-AUG-2009
Account: MGMAM

Project: SD09-134 BL

CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741444		10	18.85	1435	<1	0.23	1420	300	<2	0.12	<5	8	139	<20	0.30	<10
H741445		10	18.70	1420	<1	0.23	1340	290	<2	0.18	<5	8	136	<20	0.28	<10
H741446		10	16.80	1280	<1	0.22	1290	270	<2	0.12	<5	8	133	<20	0.27	<10
H741447		10	18.05	1400	<1	0.22	1350	310	32	0.23	<5	8	156	<20	0.31	<10
H741448		10	19.20	1465	<1	0.24	1350	320	<2	0.38	<5	9	154	<20	0.30	<10
H741449		10	18.80	1420	<1	0.21	1450	310	2	0.22	<5	9	162	<20	0.31	<10
H741450		10	19.35	1470	<1	0.26	1430	330	<2	0.19	<5	9	157	<20	0.32	<10
H741451		10	19.10	1505	<1	0.15	1460	330	8	0.49	<5	9	181	<20	0.31	<10
H741452		10	19.00	1430	<1	0.21	1390	320	3	0.21	<5	9	152	<20	0.31	<10
H741453		10	19.45	1465	<1	0.25	1450	340	<2	0.14	<5	9	166	<20	0.33	<10
H741454		10	19.45	1460	<1	0.25	1470	350	<2	0.27	<5	9	165	<20	0.33	<10
H741455		10	19.55	1460	<1	0.27	1460	340	<2	0.22	<5	9	177	<20	0.34	10
H741456		10	18.60	1355	<1	0.25	1480	320	2	0.15	<5	9	157	<20	0.32	<10
H741457		10	18.50	1315	<1	0.27	1390	330	<2	0.17	<5	9	162	<20	0.32	<10
H741458		10	18.40	1330	<1	0.27	1500	340	<2	0.19	<5	9	167	<20	0.33	<10
H741459		10	19.25	1405	<1	0.29	1590	360	<2	0.20	<5	9	169	<20	0.35	<10
H741460		10	0.96	410	28	1.60	2590	340	7	2.49	<5	3	462	<20	0.10	<10
H741461		10	20.1	1470	<1	0.28	1770	360	3	0.16	<5	10	176	<20	0.37	<10
H741462		10	19.85	1470	<1	0.28	1650	360	4	0.11	<5	9	172	<20	0.36	<10
H741463		10	19.40	1465	<1	0.29	1460	360	2	0.09	<5	9	176	<20	0.36	<10
H741463 CRD		10	19.65	1485	<1	0.29	1520	370	4	0.08	<5	9	180	<20	0.37	<10
H741464		10	19.05	1430	<1	0.29	1510	360	2	0.13	<5	9	177	<20	0.37	<10
H741465		10	18.65	1405	<1	0.27	1370	370	<2	0.14	<5	9	200	<20	0.37	<10
H741466		10	18.75	1445	<1	0.26	1650	400	<2	0.55	<5	9	203	<20	0.37	<10
H741467		10	18.70	1405	<1	0.30	1470	370	<2	0.14	<5	10	188	<20	0.38	<10
H741468		10	19.15	1470	<1	0.30	1530	380	<2	0.11	<5	10	190	<20	0.39	<10
H741469		10	19.60	1520	<1	0.29	1570	410	<2	0.12	<5	10	187	<20	0.40	<10
H741470		10	0.24	586	<1	2.70	5	190	6	<0.01	<5	5	181	<20	0.12	<10
H741471		10	19.05	1480	<1	0.28	1390	380	<2	0.41	<5	10	187	<20	0.38	<10
H741472		10	17.75	1460	<1	0.29	1360	370	2	0.33	<5	9	199	<20	0.36	<10
H741473		10	18.05	1390	<1	0.28	1340	360	<2	0.13	<5	9	196	<20	0.37	<10
H741474		10	18.45	1450	<1	0.17	1340	400	4	0.21	<5	10	171	<20	0.40	<10
H741475		10	17.45	1335	<1	0.10	1350	410	<2	0.23	<5	9	108	<20	0.39	<10
H741476		10	19.00	1440	<1	0.25	1450	470	3	0.14	<5	10	194	<20	0.43	<10
H741477		10	18.15	1595	<1	0.22	1470	460	31	0.50	<5	10	160	<20	0.43	<10
H741478		10	18.40	1400	<1	0.27	1550	420	3	0.22	<5	10	196	<20	0.41	<10
H741479		10	18.00	1345	<1	0.28	1610	430	3	0.24	<5	9	211	<20	0.41	<10
H741480		10	1.52	734	196	2.09	111	540	265	0.27	13	14	266	<20	0.31	<10
H741481		10	17.50	1315	<1	0.34	2670	380	3	0.85	<5	9	201	<20	0.37	<10
H741482		10	18.15	1375	<1	0.40	3240	380	5	0.66	<5	9	200	<20	0.38	<10

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

Finalized Date: 15-AUG-2009
Account: MGMAM

Project: SD09-134 BL

CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741444		<10	80	<10	103	0.011	0.133	0.125			
H741445		<10	78	<10	101	0.007	0.0797	0.075			
H741446		<10	73	<10	93	0.009	0.107	0.097			
H741447		<10	81	<10	107	0.005	0.0798	0.069			
H741448		<10	79	<10	102	0.006	0.100	0.091			
H741449		<10	81	<10	103	0.012	0.152	0.144			
H741450		<10	85	<10	107	0.005	0.0707	0.064			
H741451		<10	83	<10	109	0.009	0.127	0.121			
H741452		<10	80	<10	103	0.007	0.112	0.094			
H741453		<10	86	<10	107	0.007	0.0975	0.085			
H741454		<10	89	<10	109	0.007	0.0834	0.073			
H741455		<10	90	<10	107	0.006	0.0924	0.079			
H741456		<10	86	<10	98	0.009	0.160	0.139			
H741457		<10	85	<10	94	0.012	0.198	0.182			
H741458		<10	85	<10	96	0.013	0.212	0.187			
H741459		<10	91	<10	102	0.012	0.216	0.195			
H741460		<10	40	<10	41	0.016	0.0108	0.014			
H741461		<10	98	<10	110	0.012	0.195	0.174			
H741462		<10	95	<10	110	0.010	0.181	0.137			
H741463		<10	92	<10	104	0.005	0.0830	0.064			
H741463 CRD		<10	95	<10	107	0.005	0.0876	0.065			
H741464		<10	94	<10	104	0.008	0.139	0.119			
H741465		<10	91	<10	100	0.008	0.145	0.124			
H741466		<10	89	<10	102	0.027	0.439	0.410			
H741467		<10	94	<10	104	0.010	0.154	0.139			
H741468		<10	96	<10	108	0.008	0.122	0.108			
H741469		<10	99	<10	111	0.010	0.154	0.136			
H741470		10	16	<10	29	0.001	0.0010	<0.001			
H741471		<10	94	<10	107	0.006	0.0870	0.072			
H741472		<10	86	<10	170	0.011	0.151	0.132			
H741473		<10	89	<10	101	0.008	0.123	0.105			
H741474		<10	93	<10	112	0.005	0.0747	0.062			
H741475		<10	88	<10	97	0.009	0.127	0.116			
H741476		<10	97	<10	106	0.008	0.116	0.098			
H741477		<10	95	<10	198	0.014	0.196	0.176			
H741478		<10	94	<10	127	0.016	0.237	0.218			
H741479		<10	92	<10	108	0.027	0.425	0.389			
H741480		10	105	<10	384	0.380	0.104	0.422			
H741481		<10	90	<10	102	0.102	>1.00	>1.00	0.11	1.76	1.65
H741482		<10	93	<10	105	0.128	>1.00	>1.00	0.14	2.23	2.07

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CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741483		4.73	1.6	1.66	8	80	<0.5	<2	1.87	<0.5	172	3720	2880	11.05	<10	0.17
H741483 CRD		<0.02	1.9	1.74	<5	80	<0.5	<2	1.99	<0.5	179	3490	2980	11.70	<10	0.17
H741484		4.71	1.1	1.82	<5	100	<0.5	<2	1.98	<0.5	158	3940	1945	10.95	<10	0.17
H741485		4.42	0.5	1.87	<5	90	<0.5	<2	2.13	<0.5	151	4090	1060	10.95	<10	0.15
H741486		4.58	<0.5	1.87	7	80	<0.5	<2	2.15	<0.5	148	3860	546	10.80	<10	0.17
H741487		4.79	<0.5	1.97	26	80	<0.5	<2	2.27	<0.5	145	3660	676	10.85	<10	0.22
H741488		4.64	<0.5	2.03	39	90	<0.5	<2	2.38	<0.5	144	3410	559	10.85	<10	0.21
H741489		4.77	<0.5	2.08	10	90	<0.5	<2	2.46	<0.5	148	3530	691	10.95	<10	0.20
H741490		2.34	<0.5	2.28	<5	110	<0.5	<2	2.56	<0.5	139	3330	426	10.75	<10	0.22
H741491		4.70	<0.5	2.46	<5	110	0.5	<2	2.59	<0.5	134	3210	339	10.45	<10	0.27
H741492		4.49	<0.5	2.28	<5	100	<0.5	<2	2.62	<0.5	127	2920	257	9.66	<10	0.32
H741493		4.65	<0.5	2.62	<5	110	0.5	<2	2.78	<0.5	130	2900	308	9.89	<10	0.30
H741494		4.52	<0.5	2.78	<5	110	0.5	<2	2.92	<0.5	125	2720	443	9.70	<10	0.33
H741495		2.28	0.7	2.96	14	140	0.5	<2	3.13	<0.5	129	2590	1060	10.05	10	0.32
H741496		2.33	<0.5	3.17	14	130	0.6	<2	3.23	<0.5	122	2440	824	9.85	<10	0.32
H741497		2.27	1.0	3.36	<5	130	0.6	<2	3.39	<0.5	142	2420	2010	10.55	<10	0.33
H741498		2.24	1.6	3.45	<5	140	0.6	<2	3.49	<0.5	130	2130	2300	10.05	10	0.43
H741499		2.25	0.5	3.90	<5	190	0.7	<2	3.80	<0.5	112	1850	959	9.67	10	0.44
H741500		0.10	1.5	6.14	<5	450	0.7	<2	1.36	<0.5	87	117	3630	4.84	10	2.58

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

Finalized Date: 15-AUG-2009
Account: MGMAM

Project: SD09-134 BL

CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741483		10	17.90	1350	<1	0.41	2490	400	3	0.40	<5	10	203	<20	0.37	<10
H741483 CRD		10	19.05	1435	<1	0.43	2660	430	<2	0.42	<5	10	212	<20	0.39	<10
H741484		10	18.45	1385	<1	0.44	2200	440	2	0.31	<5	10	211	<20	0.41	<10
H741485		10	18.95	1430	<1	0.37	1960	400	<2	0.25	<5	10	221	<20	0.43	<10
H741486		10	18.85	1430	<1	0.42	1720	420	2	0.28	<5	11	231	<20	0.45	<10
H741487		10	18.10	1495	<1	0.41	1650	500	3	0.42	<5	11	233	<20	0.47	<10
H741488		10	17.95	1495	<1	0.44	1540	410	4	0.59	<5	11	245	<20	0.48	<10
H741489		10	17.80	1450	<1	0.51	1660	480	<2	0.32	<5	12	261	<20	0.53	<10
H741490		10	17.40	1430	<1	0.50	1420	530	<2	0.18	<5	12	276	<20	0.56	<10
H741491		20	16.75	1390	<1	0.59	1350	500	<2	0.10	<5	12	288	<20	0.59	<10
H741492		10	15.60	1295	<1	0.59	1195	540	5	0.17	<5	12	274	<20	0.57	<10
H741493		20	15.45	1340	<1	0.61	1225	530	6	0.27	<5	13	294	<20	0.63	10
H741494		20	14.70	1310	<1	0.56	1195	570	4	0.41	<5	13	308	<20	0.66	10
H741495		20	14.40	1375	<1	0.54	1395	590	6	0.74	<5	14	314	<20	0.71	10
H741496		20	13.90	1405	<1	0.60	1255	670	9	0.58	<5	14	329	<20	0.73	<10
H741497		20	13.45	1350	<1	0.66	1840	680	9	0.85	<5	15	351	<20	0.82	<10
H741498		20	12.65	1285	<1	0.74	1580	740	10	0.68	<5	15	381	<20	0.82	<10
H741499		20	12.15	1280	<1	0.84	1080	770	6	0.36	<5	16	436	<20	0.90	10
H741500		10	0.96	396	27	1.59	2560	350	11	2.45	<5	3	441	<20	0.10	<10

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

Finalized Date: 15-AUG-2009
Account: MGMAM

Project: SD09-134 BL

CERTIFICATE OF ANALYSIS TB09077195

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741483		<10	96	<10	103	0.080	>1.00	>1.00	0.09	1.42	1.31
H741483 CRD		<10	100	<10	107	0.081	>1.00	>1.00	0.09	1.40	1.28
H741484		<10	102	<10	103	0.055	0.850	0.782			
H741485		<10	109	<10	106	0.030	0.451	0.394			
H741486		<10	109	<10	107	0.018	0.272	0.238			
H741487		<10	115	<10	140	0.020	0.296	0.263			
H741488		<10	116	<10	135	0.016	0.229	0.208			
H741489		<10	125	<10	112	0.019	0.278	0.249			
H741490		<10	126	<10	109	0.012	0.157	0.140			
H741491		<10	131	<10	106	0.008	0.112	0.096			
H741492		<10	128	<10	101	0.008	0.0988	0.079			
H741493		<10	139	<10	106	0.009	0.109	0.093			
H741494		<10	146	<10	105	0.013	0.176	0.160			
H741495		<10	153	<10	141	0.029	0.489	0.444			
H741496		<10	159	<10	142	0.026	0.395	0.361			
H741497		<10	170	<10	108	0.052	0.943	0.923			
H741498		<10	168	<10	108	0.072	>1.00	>1.00	0.08	1.19	1.08
H741499		<10	184	<10	105	0.025	0.370	0.349			
H741500		<10	41	<10	40	0.016	0.0114	0.014			

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

Finalized Date: 21-AUG-2009
Account: MGMAM

CERTIFICATE TB09080761

Project: SD09-135 BL

P.O. No.:

This report is for 94 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 4-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 21-AUG-2009
Account: MGMAM

Project: SD09-135 BL

CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168209		2.06	<0.5	1.22	12	50	<0.5	<2	1.50	<0.5	143	3190	174	9.92	10	0.18
G168210		2.48	<0.5	2.30	7	80	0.5	<2	3.07	<0.5	116	2620	339	9.40	10	0.22
H741501		4.03	<0.5	7.10	8	690	2.3	<2	0.53	<0.5	27	223	76	5.36	20	1.96
H741502		3.71	<0.5	6.99	6	180	2.0	<2	0.40	<0.5	22	176	161	4.80	20	1.16
H741503		2.66	<0.5	6.68	<5	450	1.8	<2	0.72	<0.5	25	144	28	5.27	20	1.25
H741503 CRD		<0.02	<0.5	6.76	18	460	1.8	<2	0.72	<0.5	23	138	25	5.18	20	1.26
H741504		4.29	<0.5	7.21	<5	560	1.5	<2	1.55	<0.5	22	110	1	6.01	20	1.55
H741505		4.20	<0.5	7.11	<5	690	1.7	<2	1.58	<0.5	19	40	2	5.81	20	1.88
H741506		4.21	<0.5	7.27	11	310	1.9	<2	2.27	<0.5	31	49	136	6.58	20	1.28
H741507		3.89	<0.5	2.64	41	50	1.0	<2	5.91	<0.5	92	1080	292	8.99	10	0.11
H741508		4.46	<0.5	2.40	<5	110	0.7	<2	4.53	<0.5	111	1430	175	9.06	<10	0.22
H741509		2.56	<0.5	5.51	21	50	1.3	<2	5.28	<0.5	33	151	70	7.87	20	0.27
H741510		0.10	1.3	5.88	<5	810	0.7	<2	1.37	<0.5	82	111	3390	4.71	20	2.52
H741511		4.14	<0.5	2.16	10	100	0.6	<2	4.23	<0.5	117	1580	236	9.51	<10	0.23
H741512		4.56	<0.5	2.27	12	120	0.6	<2	3.48	<0.5	115	1810	175	9.68	10	0.32
H741513		4.52	<0.5	2.30	49	120	0.7	<2	3.41	1.3	117	1860	285	9.55	10	0.34
H741514		4.40	<0.5	2.28	<5	110	0.6	<2	3.15	<0.5	125	2120	186	10.05	10	0.35
H741515		4.54	<0.5	2.26	5	100	<0.5	<2	3.24	<0.5	128	2210	257	10.50	<10	0.26
H741516		2.04	<0.5	1.84	17	80	<0.5	<2	4.22	<0.5	128	2100	290	10.60	10	0.18
H741517		3.89	<0.5	2.75	41	230	0.6	<2	4.39	<0.5	110	1710	501	9.21	<10	0.34
H741518		4.62	0.5	2.04	10	100	0.5	<2	2.79	<0.5	127	2430	287	10.00	10	0.27
H741519		4.70	<0.5	2.00	17	100	0.5	<2	2.75	<0.5	131	2530	228	10.20	<10	0.29
H741520		0.08	<0.5	6.34	<5	900	1.0	<2	1.37	<0.5	2	34	17	1.58	10	2.08
H741521		4.53	<0.5	1.75	<5	90	<0.5	<2	2.34	<0.5	130	2550	216	9.70	10	0.25
H741522		4.54	<0.5	1.66	10	90	<0.5	<2	2.24	<0.5	128	2560	222	9.73	10	0.25
H741523		4.37	<0.5	1.69	18	90	<0.5	<2	2.74	<0.5	133	2680	257	9.97	<10	0.22
H741523 CRD		0.02	<0.5	1.62	15	80	<0.5	<2	2.74	0.9	130	2640	251	9.63	10	0.21
H741524		4.48	<0.5	1.44	19	70	<0.5	<2	2.46	<0.5	137	2690	318	9.81	<10	0.18
H741525		4.55	<0.5	1.33	8	70	<0.5	<2	2.07	<0.5	140	2850	245	10.10	10	0.16
H741526		4.57	<0.5	1.25	22	70	<0.5	<2	2.37	<0.5	141	3010	226	10.15	<10	0.13
H741527		4.50	<0.5	1.19	8	60	<0.5	<2	1.70	<0.5	148	3320	199	10.60	<10	0.14
H741528		4.52	<0.5	1.14	20	60	<0.5	<2	1.77	<0.5	152	3430	304	10.50	10	0.12
H741529		4.48	<0.5	1.15	5	120	<0.5	<2	1.49	<0.5	152	3130	399	10.55	10	0.14
H741530		0.10	18.5	7.58	206	780	0.7	<2	3.44	3.1	14	121	349	4.53	10	0.89
H741531		4.52	1.2	1.15	9	60	<0.5	<2	1.50	<0.5	158	3230	639	10.80	10	0.15
H741532		4.50	0.6	1.11	15	340	<0.5	<2	1.48	<0.5	161	3060	352	11.00	10	0.13
H741533		4.55	<0.5	1.11	5	50	<0.5	<2	1.43	<0.5	146	3010	356	10.45	10	0.13
H741534		4.54	<0.5	1.36	7	80	<0.5	<2	1.69	<0.5	148	2820	320	10.75	10	0.17
H741535		4.73	<0.5	1.33	12	100	<0.5	<2	1.56	<0.5	147	3320	249	10.70	10	0.18
H741536		4.64	<0.5	1.15	<5	50	<0.5	<2	1.38	<0.5	139	3030	225	9.95	10	0.16

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 21-AUG-2009
Account: MGMAM

Project: SD09-135 BL

CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168209		10	18.50	1355	<1	0.15	1265	300	2	0.40	<5	8	138	<20	0.32	<10
G168210		10	13.90	1295	1	0.39	1080	510	6	0.32	<5	14	232	<20	0.60	<10
H741501		20	3.10	517	1	1.30	114	1130	6	0.79	<5	13	120	<20	0.32	<10
H741502		10	2.77	478	1	1.93	96	920	2	0.83	<5	11	128	<20	0.33	<10
H741503		10	3.07	589	<1	2.07	79	790	5	0.65	<5	14	100	<20	0.51	<10
H741503 CRD		20	3.07	585	<1	2.09	70	820	4	0.65	<5	14	103	<20	0.50	<10
H741504		40	2.95	677	1	2.97	31	990	<2	0.06	5	18	112	<20	0.80	<10
H741505		30	2.44	655	<1	2.96	12	1080	<2	0.02	<5	18	117	<20	0.88	<10
H741506		40	3.16	881	<1	3.11	76	1260	4	0.18	<5	17	104	<20	1.14	<10
H741507		10	11.65	1775	1	0.23	621	570	114	0.16	<5	27	95	<20	0.72	<10
H741508		10	12.60	1295	<1	0.33	748	540	4	0.20	<5	20	197	<20	0.67	10
H741509		30	6.04	1525	<1	1.72	84	1290	151	0.81	<5	27	100	<20	1.35	<10
H741510		10	0.92	394	26	1.56	2420	340	10	2.37	<5	3	423	<20	0.10	<10
H741511		10	13.75	1350	<1	0.35	843	530	27	0.21	<5	18	243	<20	0.59	<10
H741512		10	14.20	1370	<1	0.47	842	530	3	0.14	<5	16	300	<20	0.61	<10
H741513		20	14.45	1380	1	0.46	943	610	17	0.22	<5	14	266	<20	0.60	<10
H741514		10	15.30	1415	1	0.47	939	610	2	0.05	<5	15	279	<20	0.63	<10
H741515		10	16.20	1470	<1	0.45	1030	430	4	0.07	<5	15	303	<20	0.59	<10
H741516		10	14.85	1415	1	0.32	941	440	3	0.41	<5	19	208	<20	0.60	<10
H741517		10	13.70	1310	1	0.46	940	730	12	0.73	<5	20	222	<20	0.74	<10
H741518		10	15.95	1400	<1	0.36	1080	490	3	0.24	<5	13	247	<20	0.56	<10
H741519		10	16.50	1430	<1	0.35	1090	490	4	0.20	<5	13	246	<20	0.55	<10
H741520		10	0.24	562	<1	2.65	7	190	8	<0.01	<5	5	171	<20	0.12	<10
H741521		10	15.90	1345	<1	0.30	1080	420	3	0.11	<5	12	214	<20	0.49	<10
H741522		10	16.20	1345	<1	0.26	1095	420	<2	0.21	<5	11	221	<20	0.46	<10
H741523		10	16.80	1415	1	0.22	1125	420	7	0.20	<5	11	215	<20	0.46	<10
H741523 CRD		10	16.35	1380	1	0.22	1100	400	10	0.19	<5	11	209	<20	0.43	<10
H741524		10	17.00	1415	<1	0.24	1130	360	3	0.30	<5	10	203	<20	0.39	<10
H741525		10	17.85	1410	<1	0.21	1215	330	2	0.30	<5	10	186	<20	0.37	<10
H741526		10	18.10	1455	1	0.17	1260	320	<2	0.48	<5	10	202	<20	0.35	<10
H741527		10	19.10	1445	<1	0.19	1325	300	<2	0.13	<5	9	148	<20	0.34	10
H741528		10	19.25	1430	1	0.18	1350	300	4	0.46	<5	9	209	<20	0.32	<10
H741529		10	20.0	1465	<1	0.21	1430	280	<2	0.16	<5	9	139	<20	0.30	<10
H741530		10	1.62	775	194	2.17	119	550	263	0.27	10	15	282	<20	0.32	<10
H741531		10	20.7	1500	1	0.18	1580	290	<2	0.18	<5	9	156	<20	0.31	<10
H741532		10	20.9	1495	<1	0.17	1440	280	3	0.40	<5	9	180	<20	0.30	<10
H741533		10	19.95	1470	<1	0.19	1390	290	<2	0.33	<5	9	184	<20	0.29	<10
H741534		10	19.95	1510	<1	0.22	1395	350	3	0.31	<5	9	213	<20	0.35	<10
H741535		10	19.95	1500	<1	0.20	1425	330	5	0.30	<5	9	165	<20	0.34	<10
H741536		10	18.65	1385	<1	0.17	1320	280	2	0.18	<5	9	140	<20	0.30	<10

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

Finalized Date: 21-AUG-2009
Account: MGMAM

Project: SD09-135 BL

CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
G168209		<10	78	<10	99	0.006	0.0889	0.075
G168210		<10	134	<10	98	0.011	0.1460	0.127
H741501		<10	103	<10	54	0.002	0.0022	0.002
H741502		10	97	<10	54	0.003	0.0057	0.006
H741503		10	125	<10	68	0.004	0.0229	0.021
H741503 CRD		10	126	<10	68	0.004	0.0220	0.019
H741504		<10	191	<10	82	0.002	0.0075	0.004
H741505		10	192	<10	86	0.001	0.0008	<0.001
H741506		10	204	<10	102	0.004	0.0193	0.011
H741507		<10	158	<10	204	0.007	0.0646	0.061
H741508		<10	146	10	110	0.005	0.0440	0.041
H741509		<10	261	<10	208	0.001	0.0005	0.001
H741510		<10	39	<10	38	0.016	0.0103	0.013
H741511		<10	127	<10	167	0.004	0.0470	0.041
H741512		<10	130	<10	101	0.003	0.0428	0.042
H741513		<10	128	10	417	0.008	0.0924	0.088
H741514		<10	132	10	105	0.004	0.0662	0.053
H741515		<10	129	<10	109	0.006	0.0888	0.087
H741516		<10	148	<10	110	0.007	0.0909	0.088
H741517		<10	150	<10	142	0.013	0.1670	0.156
H741518		<10	123	<10	106	0.010	0.1300	0.118
H741519		<10	122	10	109	0.007	0.0965	0.087
H741520		10	16	<10	29	0.001	0.0005	<0.001
H741521		<10	111	<10	100	0.008	0.1110	0.097
H741522		<10	106	<10	99	0.007	0.0934	0.088
H741523		<10	105	10	133	0.007	0.1155	0.111
H741523 CRD		<10	100	<10	168	0.007	0.1175	0.104
H741524		<10	95	<10	225	0.008	0.1305	0.115
H741525		<10	88	10	110	0.007	0.1115	0.094
H741526		<10	86	10	112	0.007	0.1005	0.090
H741527		<10	85	<10	104	0.006	0.0870	0.076
H741528		<10	82	<10	102	0.008	0.1180	0.104
H741529		<10	83	<10	102	0.010	0.1630	0.147
H741530		10	111	<10	400	0.384	0.1005	0.413
H741531		<10	81	<10	106	0.017	0.260	0.232
H741532		<10	80	<10	107	0.010	0.1425	0.129
H741533		<10	77	<10	103	0.012	0.1710	0.150
H741534		<10	86	<10	105	0.010	0.1415	0.125
H741535		<10	88	<10	104	0.013	0.1090	0.092
H741536		<10	78	<10	97	0.008	0.1180	0.099

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

Finalized Date: 21-AUG-2009
Account: MGMAM

Project: SD09-135 BL

CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741537		4.57	<0.5	1.24	6	70	<0.5	<2	1.54	<0.5	151	3190	191	10.75	10	0.17
H741538		4.36	0.9	1.27	<5	240	<0.5	<2	1.56	<0.5	148	2880	349	10.65	10	0.19
H741539		4.33	0.6	1.24	<5	50	<0.5	<2	1.52	<0.5	146	3000	286	10.35	10	0.18
H741540		2.23	<0.5	1.31	10	70	<0.5	<2	1.69	<0.5	149	3240	130	10.60	10	0.18
H741541		4.92	0.6	1.28	<5	60	<0.5	<2	1.52	<0.5	142	2950	224	10.15	10	0.19
H741542		4.64	0.6	1.34	11	60	<0.5	<2	1.69	<0.5	141	2920	154	10.00	10	0.18
H741543		4.78	1.0	1.37	<5	70	<0.5	<2	1.63	<0.5	143	3140	262	10.30	10	0.20
H741543 CRD		0.02	<0.5	1.42	<5	70	<0.5	<2	1.71	<0.5	148	3190	325	10.75	10	0.21
H741544		4.83	0.5	1.37	10	60	<0.5	<2	1.73	0.9	136	3220	186	9.81	10	0.18
H741545		4.66	0.6	1.48	<5	80	<0.5	<2	1.81	<0.5	144	3420	154	10.25	10	0.22
H741546		4.62	<0.5	1.38	10	60	<0.5	<2	1.86	<0.5	140	3300	136	9.78	10	0.17
H741547		4.70	<0.5	1.41	24	80	<0.5	<2	1.91	0.6	144	3360	231	10.10	10	0.16
H741548		4.98	<0.5	1.38	<5	70	<0.5	<2	1.65	<0.5	143	3600	341	10.15	10	0.18
H741549		4.78	<0.5	1.46	<5	70	<0.5	<2	1.70	<0.5	143	3900	264	10.40	10	0.18
H741550		0.10	1.8	6.18	<5	810	0.7	<2	1.37	<0.5	83	132	3540	4.91	20	2.65
H741551		4.85	<0.5	1.37	<5	70	<0.5	<2	1.68	<0.5	143	3720	203	10.30	10	0.15
H741552		4.53	<0.5	1.38	<5	70	<0.5	<2	1.77	<0.5	142	3440	241	10.35	10	0.15
H741553		4.63	0.6	1.48	<5	70	<0.5	<2	1.74	<0.5	147	3210	174	10.65	10	0.17
H741554		4.41	<0.5	1.38	15	70	<0.5	<2	1.96	<0.5	139	2980	245	9.84	10	0.13
H741555		4.42	<0.5	1.44	9	60	<0.5	<2	1.75	<0.5	142	2910	353	9.97	10	0.14
H741556		4.22	0.8	1.44	8	140	<0.5	<2	2.61	<0.5	137	2830	464	10.00	10	0.14
H741557		4.42	1.0	1.49	<5	70	<0.5	<2	1.79	<0.5	144	3020	509	10.60	10	0.17
H741558		4.69	<0.5	1.52	<5	80	<0.5	<2	1.76	<0.5	146	3210	170	10.75	10	0.18
H741559		4.50	<0.5	1.51	6	70	<0.5	<2	1.79	<0.5	141	2790	192	10.45	10	0.15
H741560		0.09	<0.5	5.53	<5	830	1.0	<2	1.35	<0.5	2	37	16	1.55	10	2.15
H741561		4.63	<0.5	1.58	<5	70	<0.5	<2	1.76	<0.5	145	2750	183	10.55	10	0.17
H741562		4.55	0.6	1.52	<5	70	<0.5	<2	1.81	<0.5	140	2550	293	10.05	10	0.14
H741563		4.43	0.6	1.52	<5	70	<0.5	<2	1.83	<0.5	139	2780	259	9.87	10	0.13
H741563 CRD		<0.02	<0.5	1.53	<5	70	<0.5	<2	1.82	<0.5	139	2740	284	9.98	10	0.13
H741564		4.01	<0.5	1.74	<5	80	<0.5	<2	2.12	<0.5	150	3300	252	10.85	10	0.15
H741565		4.46	0.5	1.65	<5	140	<0.5	<2	2.06	<0.5	138	3150	265	10.10	10	0.14
H741566		4.40	<0.5	1.60	10	60	<0.5	<2	2.12	<0.5	133	2900	270	9.68	10	0.12
H741567		4.37	<0.5	1.76	<5	80	<0.5	<2	2.01	<0.5	138	3090	256	10.10	10	0.16
H741568		4.20	0.5	1.80	30	70	<0.5	<2	2.33	<0.5	136	3100	250	9.94	10	0.14
H741569		4.34	<0.5	1.75	<5	70	<0.5	<2	2.21	<0.5	139	3220	492	10.05	10	0.13
H741570		0.09	20.0	7.60	212	480	0.7	<2	3.48	3.2	14	114	357	4.57	10	0.90
H741571		4.26	0.8	1.84	<5	70	<0.5	<2	2.17	<0.5	138	3270	304	10.00	10	0.15
H741572		4.71	<0.5	1.89	<5	80	<0.5	<2	2.12	<0.5	132	3230	255	9.82	10	0.17
H741573		4.13	0.8	1.87	7	110	<0.5	<2	2.49	<0.5	135	3620	274	10.00	10	0.17
H741574		4.43	0.5	1.98	8	80	<0.5	<2	2.49	<0.5	131	3360	265	9.85	10	0.18

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CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741537		10	20.4	1510	<1	0.21	1360	310	4	0.32	<5	9	155	<20	0.32	<10
H741538		10	20.2	1495	<1	0.18	1390	310	<2	0.20	<5	9	157	<20	0.31	<10
H741539		10	19.70	1450	<1	0.16	1370	300	2	0.23	<5	9	152	<20	0.32	<10
H741540		10	20.4	1495	<1	0.16	1355	320	2	0.39	<5	9	159	<20	0.32	<10
H741541		10	19.45	1425	<1	0.18	1345	320	2	0.18	<5	9	149	<20	0.32	<10
H741542		10	19.20	1450	<1	0.19	1335	330	<2	0.27	<5	9	194	<20	0.33	<10
H741543		10	19.85	1445	<1	0.21	1405	330	<2	0.17	<5	9	178	<20	0.33	<10
H741543 CRD		10	20.7	1515	<1	0.22	1470	350	<2	0.18	<5	10	197	<20	0.36	<10
H741544		10	18.70	1400	<1	0.20	1320	320	4	0.28	<5	10	187	<20	0.35	<10
H741545		10	20.1	1435	<1	0.25	1420	360	<2	0.13	<5	10	185	<20	0.37	<10
H741546		10	19.70	1380	<1	0.16	1380	330	3	0.42	5	10	191	<20	0.33	<10
H741547		10	19.95	1525	<1	0.18	1490	350	8	0.52	<5	10	197	<20	0.33	<10
H741548		10	20.0	1410	<1	0.22	1565	320	<2	0.16	<5	10	163	<20	0.34	<10
H741549		10	20.3	1450	<1	0.23	1605	350	3	0.15	<5	10	185	<20	0.35	<10
H741550		10	1.00	409	25	1.63	2560	330	6	2.28	<5	4	448	<20	0.10	<10
H741551		10	19.85	1435	<1	0.20	1525	320	<2	0.12	<5	9	178	<20	0.34	10
H741552		10	19.75	1445	<1	0.19	1500	340	<2	0.13	<5	10	184	<20	0.34	<10
H741553		10	20.2	1485	<1	0.21	1495	360	3	0.15	<5	10	181	<20	0.37	<10
H741554		10	18.95	1470	<1	0.16	1350	350	7	0.35	<5	10	182	<20	0.33	<10
H741555		10	19.15	1425	<1	0.18	1400	350	4	0.24	<5	10	171	<20	0.36	<10
H741556		10	19.20	1590	<1	0.13	1405	350	<2	0.42	<5	10	187	<20	0.37	<10
H741557		10	19.50	1475	<1	0.21	1520	370	3	0.25	<5	10	182	<20	0.39	<10
H741558		10	19.85	1495	<1	0.22	1410	370	<2	0.08	<5	10	182	<20	0.40	<10
H741559		10	19.30	1480	<1	0.19	1355	350	<2	0.14	<5	10	186	<20	0.39	<10
H741560		10	0.23	528	<1	2.79	4	180	4	<0.01	<5	4	142	<20	0.12	<10
H741561		10	19.65	1475	<1	0.21	1335	380	2	0.07	<5	10	197	<20	0.41	<10
H741562		10	18.95	1405	<1	0.21	1315	390	2	0.10	<5	10	197	<20	0.39	<10
H741563		10	18.65	1375	<1	0.20	1345	360	<2	0.10	<5	10	196	<20	0.39	<10
H741563 CRD		10	18.70	1385	<1	0.20	1350	360	4	0.10	<5	10	196	<20	0.39	<10
H741564		20	20.6	1530	<1	0.17	1470	410	5	0.17	<5	11	209	<20	0.44	<10
H741565		10	19.20	1410	<1	0.21	1420	370	<2	0.18	<5	10	182	<20	0.40	<10
H741566		10	18.15	1370	<1	0.19	1350	410	11	0.45	<5	10	186	<20	0.40	<10
H741567		20	19.10	1405	<1	0.31	1440	410	<2	0.14	<5	10	213	<20	0.42	<10
H741568		10	18.75	1445	<1	0.19	1435	400	5	0.25	<5	11	197	<20	0.44	<10
H741569		10	18.80	1390	<1	0.25	1535	430	<2	0.18	<5	11	211	<20	0.45	<10
H741570		10	1.66	785	199	2.21	119	570	267	0.27	10	15	278	<20	0.33	<10
H741571		10	18.65	1390	<1	0.23	1465	430	<2	0.15	<5	11	209	<20	0.46	<10
H741572		20	18.45	1365	<1	0.29	1405	450	<2	0.12	<5	11	210	<20	0.45	<10
H741573		10	18.55	1425	<1	0.28	1475	430	2	0.26	<5	11	182	<20	0.46	<10
H741574		20	18.00	1370	<1	0.32	1430	420	3	0.20	<5	11	236	<20	0.47	<10

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741537		<10	82	<10	104	0.006	0.0838	0.069
H741538		<10	82	<10	102	0.010	0.1475	0.144
H741539		<10	81	<10	100	0.009	0.1265	0.111
H741540		<10	85	<10	102	0.005	0.0606	0.054
H741541		<10	82	<10	100	0.008	0.0989	0.087
H741542		<10	84	<10	194	0.005	0.0685	0.057
H741543		<10	84	<10	99	0.009	0.1080	0.093
H741543 CRD		<10	90	<10	105	0.009	0.1265	0.112
H741544		<10	90	<10	314	0.006	0.0863	0.076
H741545		<10	91	<10	100	0.006	0.0970	0.084
H741546		<10	88	<10	97	0.006	0.0802	0.069
H741547		<10	90	<10	298	0.007	0.1320	0.114
H741548		<10	92	<10	102	0.010	0.1620	0.142
H741549		<10	97	<10	105	0.009	0.1215	0.099
H741550		<10	42	<10	39	0.019	0.0098	0.013
H741551		<10	91	<10	102	0.007	0.1130	0.086
H741552		<10	89	<10	102	0.009	0.1255	0.103
H741553		<10	92	<10	102	0.007	0.1100	0.094
H741554		<10	87	<10	220	0.009	0.1485	0.126
H741555		<10	89	<10	105	0.011	0.1775	0.160
H741556		<10	88	<10	141	0.013	0.1915	0.178
H741557		<10	94	<10	104	0.016	0.239	0.219
H741558		<10	96	<10	105	0.006	0.0907	0.070
H741559		<10	90	<10	120	0.006	0.0939	0.082
H741560		<10	16	<10	25	0.002	0.0006	<0.001
H741561		<10	94	<10	101	0.006	0.0878	0.075
H741562		<10	91	<10	97	0.009	0.1265	0.116
H741563		<10	92	<10	96	0.008	0.1195	0.102
H741563 CRD		<10	93	<10	97	0.009	0.1280	0.113
H741564		<10	103	<10	108	0.007	0.1005	0.087
H741565		<10	95	<10	100	0.008	0.1155	0.102
H741566		<10	95	<10	131	0.009	0.1145	0.099
H741567		<10	98	<10	99	0.008	0.1110	0.093
H741568		<10	101	<10	101	0.007	0.1070	0.093
H741569		<10	103	<10	101	0.014	0.215	0.186
H741570		<10	113	<10	402	0.481	0.0984	0.396
H741571		<10	105	<10	99	0.012	0.1530	0.126
H741572		<10	106	<10	97	0.008	0.1300	0.108
H741573		<10	115	<10	104	0.009	0.1370	0.112
H741574		<10	114	<10	101	0.008	0.1285	0.103

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Project: SD09-135 BL

CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741575		4.57	<0.5	2.04	<5	110	<0.5	<2	2.74	<0.5	132	3110	327	10.25	10	0.16
H741576		4.37	0.5	2.07	<5	80	<0.5	<2	2.60	<0.5	131	2920	345	10.10	10	0.17
H741577		4.56	<0.5	2.31	12	90	<0.5	<2	2.99	<0.5	129	2870	215	10.25	10	0.19
H741578		4.55	0.5	2.50	7	110	0.5	<2	3.06	<0.5	133	3180	272	10.70	10	0.26
H741579		4.43	0.5	2.64	7	130	0.5	<2	3.82	<0.5	121	2640	252	10.00	10	0.22
H741580		2.03	<0.5	2.57	<5	100	0.5	<2	3.42	<0.5	123	2580	317	10.30	10	0.25
H741581		2.39	0.7	2.88	18	110	0.6	<2	3.96	<0.5	124	2450	628	10.50	10	0.25
H741582		2.30	0.6	3.47	<5	150	0.7	<2	3.65	<0.5	116	2130	290	10.15	10	0.40
H741583		2.11	<0.5	3.22	29	130	0.7	<2	4.01	<0.5	110	1870	387	9.78	10	0.33
H741583 CRD		<0.02	0.7	3.10	28	120	0.7	<2	3.89	<0.5	105	1850	351	9.34	10	0.32
H741584		3.16	0.5	3.72	10	140	0.7	<2	4.34	<0.5	109	1760	344	9.71	10	0.39
H741585		3.02	0.6	6.68	25	460	1.3	<2	4.58	<0.5	36	461	316	6.65	20	1.18
H741586		5.00	<0.5	5.43	29	560	1.0	<2	3.90	<0.5	19	828	4	5.95	10	2.10
H741587		5.00	<0.5	6.01	22	890	1.1	<2	1.56	<0.5	18	827	2	5.99	20	2.45

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

Finalized Date: 21-AUG-2009
Account: MGMAM

Project: SD09-135 BL

CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741575		20	18.05	1415	<1	0.37	1410	450	3	0.14	<5	12	237	<20	0.51	<10
H741576		10	17.40	1420	<1	0.36	1340	470	<2	0.13	<5	12	223	<20	0.53	<10
H741577		20	17.10	1415	1	0.43	1245	520	<2	0.26	<5	13	282	<20	0.56	<10
H741578		20	17.50	1475	<1	0.49	1325	500	2	0.16	<5	14	308	<20	0.63	<10
H741579		20	15.85	1385	<1	0.43	1185	640	3	0.38	<5	13	270	<20	0.66	<10
H741580		20	15.55	1440	<1	0.47	1170	570	<2	0.33	<5	16	279	<20	0.66	<10
H741581		20	14.90	1415	<1	0.53	1270	600	2	0.84	<5	17	326	<20	0.71	<10
H741582		20	14.90	1440	<1	0.77	1050	730	5	0.14	<5	16	389	<20	0.82	<10
H741583		20	14.05	1385	<1	0.69	985	710	5	0.45	<5	18	342	<20	0.79	10
H741583 CRD		20	13.55	1320	<1	0.65	938	690	4	0.44	<5	18	329	<20	0.77	<10
H741584		20	12.80	1375	<1	0.60	941	650	2	0.47	<5	19	301	<20	0.86	<10
H741585		30	6.33	1150	<1	2.13	344	1520	8	2.19	<5	19	589	<20	1.20	<10
H741586		10	8.96	1510	1	0.47	555	490	11	0.66	<5	18	322	<20	0.26	<10
H741587		10	7.92	1530	1	0.33	459	660	6	1.03	<5	19	243	<20	0.28	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 21-AUG-2009
Account: MGMAM

Project: SD09-135 BL

CERTIFICATE OF ANALYSIS TB09080761

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H741575		<10	120	<10	100	0.009	0.1385	0.120
H741576		<10	123	<10	100	0.009	0.1295	0.121
H741577		<10	132	<10	105	0.006	0.0753	0.068
H741578		<10	146	<10	106	0.007	0.1015	0.091
H741579		<10	137	<10	112	0.006	0.0891	0.079
H741580		<10	151	<10	105	0.008	0.1150	0.110
H741581		<10	167	<10	107	0.016	0.229	0.222
H741582		<10	168	<10	108	0.008	0.0986	0.095
H741583		<10	168	<10	167	0.008	0.1205	0.108
H741583 CRD		<10	164	<10	179	0.008	0.1165	0.106
H741584		<10	182	<10	103	0.008	0.1145	0.108
H741585		<10	225	<10	137	0.007	0.0872	0.084
H741586		<10	116	<10	74	0.001	0.0044	0.005
H741587		<10	125	<10	60	0.001	0.0040	0.004

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

Finalized Date: 27-AUG-2009
Account: MGMAM

CERTIFICATE TB09081500

Project: SD09-136 BL

P.O. No.:

This report is for 91 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168211		1.11	0.7	1.29	8	50	<0.5	<2	1.51	<0.5	153	3310	273	10.85	10	0.19
G168212		2.29	0.5	2.04	<5	90	<0.5	<2	2.35	<0.5	131	3240	282	10.10	10	0.22
H741588		4.34	<0.5	8.30	6	410	3.4	<2	0.62	<0.5	24	157	8	4.95	20	2.35
H741589		3.79	<0.5	7.64	7	460	3.7	2	0.45	<0.5	14	95	7	3.11	10	2.51
H741590		0.10	1.7	6.47	<5	790	0.7	<2	1.43	<0.5	85	118	3670	5.14	20	2.76
H741591		4.09	<0.5	4.91	7	290	2.1	<2	0.35	<0.5	14	100	11	3.17	10	1.36
H741592		4.30	<0.5	7.00	12	400	1.8	<2	1.50	<0.5	24	59	41	6.32	20	1.06
H741593		4.05	<0.5	7.25	8	490	1.9	<2	2.52	<0.5	26	53	62	6.93	20	0.96
H741594		1.89	<0.5	6.42	8	230	1.5	<2	5.28	<0.5	43	103	156	7.72	20	0.51
H741595		3.75	<0.5	2.84	25	60	0.8	<2	5.09	<0.5	104	1010	424	9.44	10	0.14
H741596		1.64	<0.5	5.58	8	30	1.3	<2	6.58	0.8	32	175	137	7.81	20	0.24
H741597		3.43	0.7	3.00	11	50	0.7	<2	4.77	0.5	104	1230	543	9.13	10	0.15
H741598		4.34	0.8	2.25	<5	120	0.6	<2	3.67	<0.5	128	1810	933	10.15	10	0.30
H741599		4.47	0.7	2.22	26	110	0.6	<2	3.34	<0.5	144	2000	1215	10.60	10	0.28
H741600		0.08	<0.5	5.97	<5	850	0.9	<2	1.30	<0.5	3	31	19	1.50	10	1.98
H741601		4.32	<0.5	2.31	28	130	0.6	<2	3.36	<0.5	128	2190	551	10.25	10	0.33
H741602		4.36	<0.5	2.35	59	120	0.6	<2	3.34	<0.5	127	2230	400	9.97	<10	0.35
H741603		4.27	0.5	2.32	<5	120	0.6	<2	2.90	<0.5	135	2430	881	10.35	10	0.37
H741603 CRD		0.02	0.5	2.24	<5	110	0.6	<2	2.83	<0.5	133	2330	908	10.20	10	0.36
H741604		4.63	0.6	2.17	<5	110	0.5	<2	2.66	<0.5	131	2600	683	10.10	10	0.33
H741605		4.46	<0.5	2.14	<5	120	0.5	<2	3.34	<0.5	126	2380	436	10.10	<10	0.28
H741606		4.40	<0.5	1.85	7	100	<0.5	<2	2.78	<0.5	131	2490	208	10.30	<10	0.24
H741607		4.40	<0.5	1.96	<5	190	<0.5	<2	2.52	<0.5	133	2610	223	10.35	<10	0.28
H741608		4.31	<0.5	1.77	<5	80	<0.5	<2	2.52	<0.5	135	2540	222	10.20	<10	0.23
H741609		4.37	<0.5	1.48	7	70	<0.5	<2	2.15	<0.5	140	3060	297	10.35	10	0.21
H741610		0.10	18.5	7.08	216	450	0.7	<2	3.28	2.7	15	121	336	4.39	10	0.84
H741611		4.43	0.5	1.35	14	60	<0.5	<2	1.98	<0.5	142	2990	237	10.15	<10	0.18
H741612		4.44	<0.5	1.35	22	70	<0.5	<2	2.03	<0.5	146	3130	115	10.55	<10	0.18
H741613		4.52	<0.5	1.23	<5	60	<0.5	<2	1.61	<0.5	141	3040	192	9.97	10	0.17
H741614		4.24	<0.5	1.25	14	60	<0.5	<2	1.90	<0.5	147	3210	148	10.10	<10	0.15
H741615		4.44	<0.5	1.21	<5	60	<0.5	<2	1.57	<0.5	153	3290	148	10.45	<10	0.17
H741616		4.30	<0.5	1.14	<5	50	<0.5	<2	1.50	<0.5	153	3310	216	10.40	10	0.16
H741617		4.35	<0.5	1.13	<5	50	<0.5	<2	1.49	<0.5	156	3300	328	10.75	10	0.16
H741618		4.39	0.6	1.07	29	60	<0.5	<2	1.42	<0.5	153	3080	716	10.60	10	0.15
H741619		4.43	<0.5	1.12	45	60	<0.5	<2	1.44	<0.5	148	3350	124	10.20	10	0.16
H741620		0.89	<0.5	1.20	14	50	<0.5	<2	1.49	<0.5	155	3570	210	10.65	<10	0.18
H741621		2.09	<0.5	1.18	8	50	<0.5	<2	1.48	<0.5	150	3250	292	10.35	10	0.17
H741622		2.21	<0.5	1.18	9	50	<0.5	<2	1.48	<0.5	150	3180	155	10.25	<10	0.19
H741623		4.36	<0.5	1.21	11	60	<0.5	<2	1.48	<0.5	149	2900	157	10.30	10	0.18
H741623 CRD		0.02	<0.5	1.18	<5	60	<0.5	<2	1.46	<0.5	147	3030	151	10.20	<10	0.18

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168211		10	20.6	1530	<1	0.20	1440	320	3	0.45	<5	9	161	<20	0.33	<10
G168212		20	17.60	1380	<1	0.50	1365	460	4	0.12	<5	12	233	<20	0.50	<10
H741588		30	2.85	496	4	1.42	96	1410	4	0.55	<5	16	92	<20	0.41	<10
H741589		20	1.94	381	<1	1.78	60	840	<2	0.21	<5	10	113	<20	0.28	<10
H741590		10	1.00	418	28	1.72	2670	350	10	2.35	<5	4	468	<20	0.10	<10
H741591		20	2.06	377	1	0.66	62	580	<2	0.22	<5	10	49	<20	0.27	<10
H741592		40	3.05	747	<1	2.99	40	1400	<2	0.39	<5	17	119	<20	1.13	<10
H741593		30	3.14	1090	<1	3.22	36	1440	2	0.15	<5	20	235	<20	1.33	<10
H741594		30	5.02	2330	<1	2.53	108	1020	7	0.27	<5	31	306	<20	1.66	<10
H741595		20	12.40	1755	<1	0.34	767	610	45	0.43	<5	24	131	<20	0.69	<10
H741596		30	6.66	2330	1	1.74	101	1310	74	0.19	<5	29	155	<20	1.49	<10
H741597		10	11.60	1335	<1	0.49	768	660	105	0.21	<5	20	125	<20	0.79	<10
H741598		10	13.95	1350	1	0.54	1075	550	4	0.27	<5	17	269	<20	0.60	<10
H741599		10	14.90	1405	<1	0.50	1395	540	4	0.41	<5	15	286	<20	0.58	<10
H741600		10	0.21	535	<1	2.54	8	180	7	<0.01	<5	4	163	<20	0.12	<10
H741601		10	15.05	1425	<1	0.46	1095	640	4	0.56	<5	15	331	<20	0.64	<10
H741602		10	15.10	1440	<1	0.45	993	510	2	0.57	<5	14	328	<20	0.62	<10
H741603		10	15.70	1415	<1	0.70	1235	560	<2	0.15	<5	14	298	<20	0.63	<10
H741603 CRD		10	15.55	1390	1	0.67	1225	540	3	0.15	<5	14	290	<20	0.60	<10
H741604		10	15.65	1380	<1	0.63	1215	550	4	0.11	<5	13	268	<20	0.58	<10
H741605		10	16.20	1495	<1	0.51	1155	490	5	0.12	<5	15	263	<20	0.56	<10
H741606		10	16.85	1520	<1	0.34	1115	430	3	0.27	<5	14	229	<20	0.51	<10
H741607		10	17.30	1515	<1	0.43	1175	450	7	0.30	<5	13	224	<20	0.49	<10
H741608		10	17.50	1505	<1	0.38	1180	430	3	0.12	<5	13	219	<20	0.48	<10
H741609		10	17.90	1430	<1	0.34	1235	370	2	0.12	<5	11	176	<20	0.42	<10
H741610		10	1.53	745	187	2.07	110	540	254	0.26	9	13	261	<20	0.33	<10
H741611		10	18.00	1405	<1	0.29	1250	350	<2	0.12	<5	10	168	<20	0.39	<10
H741612		10	19.00	1490	<1	0.28	1265	340	3	0.20	<5	10	212	<20	0.37	<10
H741613		10	18.00	1365	<1	0.25	1230	320	<2	0.11	<5	9	146	<20	0.34	<10
H741614		10	18.60	1420	1	0.18	1315	320	6	0.25	<5	9	147	<20	0.34	<10
H741615		10	19.70	1440	<1	0.24	1350	300	2	0.11	<5	9	142	<20	0.33	<10
H741616		10	19.60	1435	<1	0.22	1350	290	<2	0.10	<5	9	133	<20	0.31	<10
H741617		10	20.0	1480	<1	0.22	1400	290	<2	0.17	<5	9	134	<20	0.31	<10
H741618		10	19.45	1460	<1	0.23	1535	270	3	0.52	<5	8	130	<20	0.30	<10
H741619		10	19.00	1445	<1	0.21	1320	290	2	0.62	<5	8	138	<20	0.30	<10
H741620		10	19.85	1470	<1	0.18	1365	320	5	0.44	<5	9	149	<20	0.32	<10
H741621		10	19.25	1430	1	0.18	1330	300	<2	0.60	<5	9	146	<20	0.31	<10
H741622		10	19.20	1435	<1	0.20	1285	310	3	0.34	<5	9	142	<20	0.31	<10
H741623		10	19.25	1420	<1	0.25	1275	310	4	0.15	<5	9	143	<20	0.31	<10
H741623 CRD		10	19.05	1410	1	0.25	1270	320	2	0.15	<5	9	140	<20	0.31	<10

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168211		<10	83	<10	110	0.009	0.1455	0.127			
G168212		<10	119	<10	100	0.009	0.1330	0.120			
H741588		<10	127	<10	51	0.002	0.0026	0.003			
H741589		<10	81	<10	43	0.001	0.0014	0.001			
H741590		<10	43	<10	39	0.015	0.0090	0.013			
H741591		<10	74	<10	50	0.003	0.0188	0.017			
H741592		<10	207	<10	93	0.001	0.0033	0.003			
H741593		<10	249	<10	106	0.001	0.0031	0.002			
H741594		<10	328	<10	103	0.001	0.0030	0.002			
H741595		<10	153	<10	137	0.009	0.0969	0.091			
H741596		<10	270	<10	325	0.001	0.0016	0.001			
H741597		<10	168	10	244	0.013	0.1710	0.157			
H741598		<10	131	<10	98	0.026	0.318	0.289			
H741599		<10	125	<10	103	0.035	0.647	0.648			
H741600		10	14	10	28	0.001	0.0030	0.002			
H741601		<10	132	<10	107	0.013	0.212	0.218			
H741602		<10	130	<10	123	0.010	0.1530	0.154			
H741603		<10	134	<10	105	0.020	0.317	0.324			
H741603 CRD		<10	130	<10	106	0.021	0.325	0.336			
H741604		<10	126	<10	104	0.018	0.299	0.288			
H741605		<10	129	<10	103	0.012	0.1660	0.155			
H741606		<10	122	<10	102	0.005	0.0560	0.056			
H741607		<10	121	<10	110	0.013	0.0801	0.074			
H741608		<10	114	<10	104	0.006	0.0841	0.079			
H741609		<10	101	10	103	0.008	0.1235	0.119			
H741610		10	107	<10	384	0.317	0.0896	0.400			
H741611		<10	95	<10	105	0.009	0.1030	0.093			
H741612		<10	94	<10	106	0.004	0.0475	0.041			
H741613		<10	86	<10	98	0.006	0.0861	0.076			
H741614		<10	87	<10	106	0.005	0.0715	0.057			
H741615		<10	86	10	104	0.005	0.0868	0.075			
H741616		<10	82	10	104	0.007	0.1050	0.089			
H741617		<10	81	<10	108	0.010	0.1485	0.133			
H741618		<10	79	<10	108	0.020	0.265	0.260			
H741619		<10	79	10	106	0.005	0.0619	0.048			
H741620		<10	82	10	106	0.008	0.1280	0.110			
H741621		<10	80	10	103	0.010	0.1540	0.128			
H741622		<10	75	10	104	0.005	0.0706	0.061			
H741623		<10	78	<10	102	0.006	0.0816	0.070			
H741623 CRD		<10	77	<10	101	0.006	0.0858	0.074			

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741624		4.20	<0.5	1.21	8	60	<0.5	<2	1.50	<0.5	146	3010	142	10.10	10	0.17
H741625		2.21	<0.5	1.19	28	70	<0.5	<2	1.48	<0.5	148	3140	260	10.05	10	0.17
H741626		4.43	<0.5	1.22	9	60	<0.5	<2	1.51	<0.5	146	3090	220	10.00	10	0.18
H741627		4.59	<0.5	1.25	5	60	<0.5	<2	1.58	<0.5	148	3390	156	10.30	10	0.18
H741628		4.31	<0.5	1.24	7	50	<0.5	<2	1.58	<0.5	140	3150	246	9.70	<10	0.18
H741629		4.25	<0.5	1.27	8	60	<0.5	<2	1.66	<0.5	144	3350	193	9.97	<10	0.15
H741630		0.10	1.7	6.28	<5	860	0.7	<2	1.40	<0.5	87	132	3740	5.19	20	2.71
H741631		4.24	<0.5	1.44	8	70	<0.5	<2	1.93	<0.5	154	3360	226	10.70	10	0.19
H741632		4.28	<0.5	1.45	<5	70	<0.5	<2	1.74	<0.5	158	3470	256	10.80	10	0.20
H741633		4.21	<0.5	1.51	9	70	<0.5	<2	1.78	<0.5	157	3490	207	10.65	10	0.22
H741634		4.30	<0.5	1.50	12	90	<0.5	<2	1.70	<0.5	152	3530	299	10.55	10	0.20
H741635		4.52	<0.5	1.38	10	90	<0.5	<2	1.76	<0.5	152	3760	406	10.85	10	0.21
H741636		4.47	<0.5	1.09	8	70	<0.5	<2	1.73	<0.5	159	4200	375	11.15	10	0.19
H741637		4.60	<0.5	1.50	<5	70	<0.5	<2	1.70	<0.5	155	3730	308	11.00	10	0.19
H741638		4.37	<0.5	1.51	<5	80	<0.5	<2	1.81	<0.5	150	3240	316	10.80	10	0.17
H741639		4.53	<0.5	1.67	6	100	<0.5	<2	2.00	<0.5	149	3160	160	10.60	10	0.15
H741640		0.09	<0.5	5.49	<5	850	1.0	<2	1.36	<0.5	4	52	16	1.64	10	2.22
H741641		4.33	<0.5	1.40	<5	70	<0.5	<2	1.74	<0.5	151	3080	330	10.40	10	0.13
H741642		4.24	<0.5	1.48	13	80	<0.5	<2	1.78	<0.5	148	3020	193	10.45	<10	0.11
H741643		4.22	<0.5	1.48	<5	70	<0.5	<2	1.69	<0.5	158	3040	1160	10.75	10	0.13
H741643 CRD		0.02	<0.5	1.44	<5	70	<0.5	<2	1.65	<0.5	155	2930	1170	10.55	<10	0.12
H741644		3.68	<0.5	1.54	7	60	<0.5	<2	1.72	<0.5	146	3000	481	10.30	10	0.12
H741645		4.29	<0.5	1.45	<5	60	<0.5	<2	1.76	<0.5	143	2950	609	10.20	10	0.11
H741646		4.46	<0.5	1.53	<5	80	<0.5	<2	1.76	<0.5	147	2790	300	10.50	10	0.14
H741647		4.33	<0.5	1.52	<5	80	<0.5	<2	1.69	<0.5	140	2710	193	9.91	<10	0.12
H741648		4.36	<0.5	1.56	<5	70	<0.5	<2	1.80	<0.5	143	2870	327	10.25	10	0.15
H741649		4.21	<0.5	1.67	<5	80	<0.5	<2	1.84	<0.5	143	3130	183	10.30	10	0.17
H741650		0.10	19.9	7.53	212	490	0.7	<2	3.42	3.2	16	127	366	4.62	20	0.88
H741651		4.27	<0.5	1.68	<5	90	<0.5	<2	1.83	<0.5	143	3040	281	10.15	10	0.17
H741652		4.60	<0.5	1.73	7	80	<0.5	<2	1.87	<0.5	147	3220	499	10.35	10	0.19
H741653		4.84	<0.5	1.77	<5	80	<0.5	<2	1.99	<0.5	148	3340	284	10.70	10	0.20
H741654		4.40	<0.5	1.70	7	80	<0.5	<2	1.91	<0.5	140	3090	283	9.99	10	0.19
H741655		4.77	<0.5	1.37	<5	80	<0.5	<2	1.98	<0.5	138	3280	184	10.05	10	0.20
H741656		4.81	<0.5	1.68	<5	80	<0.5	<2	1.94	<0.5	132	3400	217	9.69	10	0.17
H741657		4.66	<0.5	1.83	<5	90	<0.5	<2	2.05	<0.5	136	3630	452	9.77	10	0.18
H741658		4.57	<0.5	1.79	6	70	<0.5	<2	2.12	<0.5	133	3520	450	9.87	10	0.15
H741659		4.58	<0.5	1.86	<5	80	<0.5	<2	2.14	<0.5	132	3190	258	9.72	10	0.18
H741660		2.07	<0.5	2.04	<5	90	<0.5	<2	2.31	<0.5	133	2940	259	10.20	10	0.22
H741661		4.57	<0.5	2.09	7	90	<0.5	<2	2.41	<0.5	133	2940	321	9.98	10	0.19
H741662		4.60	<0.5	2.26	5	90	<0.5	<2	2.69	<0.5	130	2750	373	10.10	10	0.25

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Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741624		10	18.90	1425	<1	0.23	1265	310	<2	0.28	<5	9	143	<20	0.31	<10
H741625		10	18.80	1450	1	0.20	1300	310	8	0.75	<5	8	145	<20	0.30	<10
H741626		10	18.70	1370	<1	0.24	1310	310	3	0.14	<5	9	144	<20	0.31	<10
H741627		10	19.35	1415	1	0.23	1320	320	3	0.24	<5	9	145	<20	0.32	<10
H741628		10	18.15	1335	<1	0.24	1290	320	<2	0.15	<5	9	145	<20	0.33	<10
H741629		10	18.90	1375	<1	0.22	1325	320	<2	0.14	<5	9	156	<20	0.33	<10
H741630		10	0.98	430	28	1.69	2660	370	12	2.13	<5	4	472	<20	0.11	<10
H741631		10	20.8	1530	1	0.23	1450	340	6	0.21	<5	10	191	<20	0.34	<10
H741632		10	21.2	1490	1	0.29	1530	350	3	0.15	<5	10	174	<20	0.35	<10
H741633		10	21.3	1480	1	0.32	1550	360	5	0.12	<5	10	178	<20	0.35	<10
H741634		10	20.7	1460	1	0.28	1520	360	5	0.40	<5	10	174	<20	0.33	<10
H741635		10	20.9	1495	<1	0.26	1650	370	2	0.40	<5	8	182	<20	0.35	<10
H741636		10	21.2	1540	1	0.24	1760	350	5	0.34	<5	5	174	<20	0.35	<10
H741637		10	20.9	1515	1	0.31	1605	360	5	0.14	<5	10	176	<20	0.35	<10
H741638		10	20.1	1500	1	0.31	1505	370	5	0.13	<5	10	186	<20	0.37	<10
H741639		10	19.75	1495	1	0.27	1375	390	5	0.18	<5	10	239	<20	0.39	<10
H741640		10	0.23	557	<1	2.88	9	190	6	<0.01	<5	4	143	<20	0.12	<10
H741641		10	19.60	1415	1	0.18	1400	380	3	0.24	<5	10	153	<20	0.36	<10
H741642		10	19.85	1450	<1	0.23	1385	350	7	0.33	<5	10	192	<20	0.36	<10
H741643		10	19.70	1445	<1	0.20	1755	370	5	0.34	<5	10	195	<20	0.38	<10
H741643 CRD		10	19.25	1415	<1	0.19	1730	340	8	0.36	<5	10	189	<20	0.37	<10
H741644		10	19.05	1425	<1	0.12	1415	340	5	0.22	<5	10	193	<20	0.37	<10
H741645		10	18.55	1395	<1	0.20	1490	330	6	0.19	<5	10	173	<20	0.35	<10
H741646		10	19.45	1450	1	0.28	1365	420	6	0.14	<5	10	188	<20	0.36	<10
H741647		10	18.50	1375	<1	0.25	1270	340	4	0.11	<5	10	190	<20	0.37	<10
H741648		10	19.05	1410	1	0.31	1375	380	2	0.14	<5	10	194	<20	0.38	<10
H741649		10	19.30	1430	<1	0.33	1360	390	7	0.10	<5	10	204	<20	0.41	<10
H741650		10	1.67	791	198	2.23	123	570	276	0.28	9	15	288	<20	0.32	<10
H741651		10	19.05	1410	1	0.31	1425	380	3	0.18	<5	10	203	<20	0.39	<10
H741652		10	19.35	1435	<1	0.41	1550	380	4	0.18	<5	10	207	<20	0.41	<10
H741653		10	20.1	1475	1	0.44	1520	450	4	0.07	<5	11	216	<20	0.45	<10
H741654		10	18.70	1370	1	0.39	1420	440	6	0.05	<5	10	205	<20	0.43	<10
H741655		10	18.50	1385	<1	0.45	1405	410	3	0.03	<5	5	212	<20	0.44	<10
H741656		10	18.00	1325	1	0.43	1380	420	3	0.07	<5	10	201	<20	0.42	<10
H741657		10	18.10	1340	<1	0.40	1520	390	5	0.12	<5	11	210	<20	0.43	<10
H741658		10	18.10	1405	<1	0.38	1495	400	5	0.19	<5	11	211	<20	0.42	<10
H741659		10	17.40	1330	<1	0.42	1370	420	4	0.12	<5	11	213	<20	0.46	<10
H741660		10	17.75	1390	<1	0.49	1315	470	5	0.11	<5	12	231	<20	0.51	<10
H741661		10	16.95	1370	<1	0.46	1305	440	6	0.22	<5	12	251	<20	0.52	<10
H741662		10	16.85	1375	1	0.48	1290	520	4	0.10	<5	13	269	<20	0.56	<10

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Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741624		<10	78	10	98	0.005	0.0736	0.063			
H741625		<10	79	<10	101	0.008	0.1045	0.094			
H741626		<10	80	<10	99	0.007	0.0956	0.087			
H741627		<10	81	<10	102	0.004	0.0591	0.051			
H741628		<10	79	<10	97	0.008	0.1200	0.109			
H741629		<10	84	<10	100	0.006	0.0878	0.080			
H741630		<10	43	<10	38	0.015	0.0101	0.013			
H741631		<10	91	<10	106	0.007	0.1095	0.098			
H741632		<10	94	<10	103	0.008	0.1185	0.106			
H741633		<10	96	<10	104	0.007	0.0979	0.087			
H741634		<10	93	<10	104	0.009	0.1485	0.132			
H741635		<10	98	<10	106	0.012	0.1870	0.165			
H741636		<10	102	<10	111	0.011	0.1725	0.138			
H741637		<10	96	<10	107	0.010	0.1585	0.125			
H741638		<10	97	<10	105	0.011	0.1690	0.138			
H741639		<10	97	<10	104	0.005	0.0811	0.067			
H741640		<10	17	<10	28	0.001	0.0005	<0.001			
H741641		<10	91	<10	102	0.011	0.1840	0.164			
H741642		<10	93	<10	102	0.007	0.1090	0.096			
H741643		<10	92	<10	103	0.034	0.555	0.534			
H741643 CRD		<10	90	<10	99	0.035	0.584	0.550			
H741644		<10	92	<10	98	0.013	0.202	0.186			
H741645		<10	91	<10	97	0.016	0.248	0.227			
H741646		<10	92	<10	99	0.009	0.1325	0.112			
H741647		<10	89	<10	94	0.006	0.0797	0.072			
H741648		<10	93	<10	99	0.009	0.1275	0.118			
H741649		<10	97	<10	100	0.006	0.0840	0.070			
H741650		<10	113	<10	399	0.405	0.0994	0.419			
H741651		<10	96	<10	100	0.009	0.1190	0.102			
H741652		<10	100	<10	102	0.014	0.1965	0.173			
H741653		<10	105	<10	103	0.009	0.1285	0.104			
H741654		<10	101	10	97	0.009	0.1345	0.108			
H741655		<10	102	<10	98	0.006	0.0785	0.063			
H741656		<10	102	<10	96	0.008	0.1110	0.089			
H741657		<10	107	<10	97	0.013	0.202	0.168			
H741658		<10	109	<10	102	0.014	0.209	0.172			
H741659		<10	113	<10	96	0.008	0.1125	0.093			
H741660		<10	120	<10	100	0.008	0.1110	0.093			
H741661		<10	122	<10	104	0.009	0.1355	0.111			
H741662		<10	129	10	99	0.009	0.1365	0.122			

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741663		4.65	<0.5	2.44	<5	100	0.5	<2	2.81	<0.5	126	2720	289	9.94	10	0.21
H741663 CRD		0.02	<0.5	2.45	<5	100	0.5	<2	2.79	<0.5	125	2730	313	10.05	10	0.21
H741664		4.51	<0.5	2.69	<5	110	0.5	<2	3.09	<0.5	116	2540	311	9.66	10	0.28
H741665		4.36	<0.5	3.05	<5	120	0.6	<2	3.39	0.5	109	2350	404	9.61	10	0.30
H741666		2.35	<0.5	3.52	9	150	0.8	<2	3.80	0.6	112	2000	903	9.78	10	0.42
H741667		2.28	<0.5	3.84	<5	200	0.8	<2	4.11	<0.5	94	1700	371	9.33	10	0.45
H741668		2.44	<0.5	4.20	18	110	0.9	<2	3.42	3.8	102	1460	895	9.07	10	0.37
H741669		1.08	2.5	7.79	81	500	1.4	4	0.74	5.7	176	158	7550	7.17	20	2.02
H741670		0.10	1.1	6.00	<5	650	0.7	<2	1.34	<0.5	79	103	3440	4.82	10	2.54
H741671		4.35	<0.5	7.83	<5	640	1.7	<2	0.51	<0.5	19	110	17	4.49	20	2.37
H741672		4.27	<0.5	7.53	<5	650	1.7	<2	0.52	<0.5	19	116	63	4.66	20	2.41

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741663		20	15.95	1355	1	0.58	1205	510	5	0.06	<5	14	285	<20	0.62	<10
H741663 CRD		10	16.15	1365	<1	0.58	1220	500	3	0.06	<5	13	288	<20	0.62	<10
H741664		20	14.75	1375	2	0.69	1110	610	<2	0.08	<5	14	311	<20	0.70	<10
H741665		20	13.70	1415	2	0.69	1025	650	<2	0.14	<5	16	331	<20	0.77	<10
H741666		20	12.60	1410	2	0.68	1115	750	2	0.42	<5	17	330	<20	0.88	<10
H741667		20	11.50	1345	2	0.85	802	800	3	0.14	<5	18	383	<20	0.94	<10
H741668		20	10.75	1840	2	0.92	952	820	90	0.64	<5	18	147	<20	0.92	<10
H741669		10	2.62	714	3	2.20	3650	630	56	3.31	<5	14	265	<20	0.30	<10
H741670		10	0.93	404	27	1.59	2410	330	8	2.34	<5	4	436	<20	0.10	<10
H741671		10	2.34	435	2	2.44	77	660	2	0.36	<5	14	202	<20	0.33	<10
H741672		20	2.14	436	1	1.88	72	690	5	0.23	<5	12	229	<20	0.30	<10

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Finalized Date: 27-AUG-2009
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Project: SD09-136 BL

CERTIFICATE OF ANALYSIS TB09081500

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741663		<10	138	<10	99	0.007	0.1080	0.089			
H741663 CRD		<10	140	<10	100	0.008	0.1035	0.090			
H741664		<10	148	<10	100	0.009	0.1375	0.106			
H741665		<10	162	<10	101	0.011	0.1625	0.153			
H741666		<10	176	<10	124	0.022	0.335	0.300			
H741667		<10	185	<10	100	0.012	0.1655	0.135			
H741668		<10	186	<10	818	0.028	0.360	0.341			
H741669		<10	111	<10	1410	0.094	>1.00	>1.00	0.08	1.67	1.90
H741670		<10	40	<10	39	0.014	0.0124	0.015			
H741671		<10	108	<10	71	0.002	0.0032	0.003			
H741672		<10	99	<10	57	0.001	0.0035	0.003			

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

Finalized Date: 22-AUG-2009
Account: MGMAM

CERTIFICATE TB09081504

Project: SD09-137 BL

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 22-AUG-2009
Account: MGMAM

Project: SD09-137 BL

CERTIFICATE OF ANALYSIS TB09081504

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741673		4.36	<0.5	8.05	7	500	2.3	<2	0.40	<0.5	22	121	51	4.08	20	2.36
H741674		4.09	<0.5	7.95	9	760	2.9	<2	0.53	<0.5	21	108	94	4.06	20	3.02
H741675		3.76	<0.5	3.25	20	100	1.1	<2	0.96	<0.5	17	100	145	3.23	10	0.50
H741676		3.60	<0.5	7.08	22	440	1.5	<2	1.76	<0.5	23	146	110	5.54	20	1.34
H741677		3.79	<0.5	7.12	7	630	1.7	<2	2.02	<0.5	20	84	4	5.42	20	1.72
H741678		4.17	<0.5	7.31	6	460	2.3	<2	2.24	<0.5	21	53	2	6.01	20	1.44
H741679		4.05	<0.5	7.33	5	510	1.9	<2	2.34	<0.5	20	31	2	5.84	20	1.51
H741680		0.09	<0.5	6.40	<5	920	1.0	<2	1.34	<0.5	2	20	15	1.55	10	2.11
H741681		4.05	<0.5	7.54	6	300	1.6	<2	2.52	<0.5	24	40	2	6.80	20	1.11
H741682		3.26	<0.5	7.48	6	230	2.1	<2	3.11	<0.5	36	61	180	7.61	20	0.82
H741683		2.86	1.1	2.83	47	90	0.8	<2	5.54	1.0	108	970	1440	9.71	10	0.12
H741683 CRD		0.02	1.3	2.82	45	90	0.9	<2	5.56	0.8	108	978	1420	9.75	10	0.12
H741684		2.50	0.5	2.31	5	60	0.6	<2	4.89	<0.5	115	1340	1155	9.96	10	0.13
H741685		4.36	<0.5	3.59	28	60	0.8	<2	4.47	<0.5	94	1180	420	9.15	10	0.17
H741686		4.28	<0.5	2.65	10	70	0.6	<2	4.22	<0.5	105	1490	176	9.87	10	0.17
H741687		4.28	<0.5	2.52	28	230	0.6	<2	4.06	<0.5	113	1790	123	10.10	10	0.22
H741688		4.32	<0.5	2.30	<5	90	0.5	<2	3.56	<0.5	124	2010	189	10.35	10	0.26
H741689		4.24	<0.5	2.01	7	70	<0.5	<2	3.72	<0.5	120	2030	284	9.93	10	0.19
H741690		0.10	20.8	7.22	201	460	0.7	<2	3.31	3.0	15	108	334	4.30	10	0.82
H741691		4.51	<0.5	1.97	15	60	<0.5	<2	3.95	<0.5	122	2030	257	10.20	10	0.16
H741692		4.65	<0.5	1.70	<5	50	<0.5	2	3.05	<0.5	131	2290	213	10.50	10	0.18
H741693		4.47	<0.5	1.70	<5	70	<0.5	<2	2.90	<0.5	129	2240	249	9.98	10	0.17
H741694		4.81	<0.5	1.79	<5	80	<0.5	<2	2.94	<0.5	139	2540	167	10.55	10	0.19
H741695		4.70	<0.5	1.78	<5	90	<0.5	<2	2.87	<0.5	136	2590	213	10.25	10	0.20
H741696		4.65	<0.5	1.66	7	150	<0.5	<2	2.54	<0.5	145	2900	382	10.45	10	0.15
H741697		4.45	<0.5	1.54	<5	70	<0.5	<2	2.16	<0.5	142	2940	195	10.30	10	0.15
H741698		4.65	<0.5	1.47	5	70	<0.5	2	2.35	<0.5	140	2850	293	10.05	10	0.13
H741699		4.75	<0.5	1.39	8	70	<0.5	<2	1.88	<0.5	143	2910	306	10.05	10	0.14
H741700		1.94	<0.5	1.29	19	60	<0.5	<2	2.23	<0.5	143	2920	182	9.99	10	0.11
H741701		4.62	<0.5	1.29	16	60	<0.5	<2	2.03	<0.5	149	3070	152	10.30	10	0.13
H741702		4.70	<0.5	1.19	7	50	<0.5	<2	1.69	<0.5	145	3100	283	10.05	10	0.11
H741703		4.58	<0.5	1.18	6	50	<0.5	<2	1.76	<0.5	145	3050	173	10.05	10	0.11
H741703 CRD		0.02	<0.5	1.20	<5	50	<0.5	3	1.77	<0.5	147	3140	193	10.35	10	0.11
H741704		4.73	<0.5	1.44	<5	50	<0.5	<2	1.56	<0.5	149	3220	146	10.20	10	0.11
H741705		4.70	<0.5	1.16	5	60	<0.5	<2	1.44	<0.5	150	3370	149	10.25	10	0.12
H741706		4.57	<0.5	1.13	8	50	<0.5	<2	1.54	<0.5	150	3300	99	10.30	10	0.11
H741707		2.31	<0.5	1.12	16	50	<0.5	<2	1.54	<0.5	146	3150	149	10.05	10	0.10
H741708		2.26	<0.5	1.12	16	70	<0.5	<2	1.79	<0.5	145	3210	279	10.15	10	0.11
H741709		2.41	<0.5	1.15	5	70	<0.5	<2	1.46	<0.5	150	3190	252	10.35	10	0.13
H741710		0.10	1.8	5.89	<5	650	0.7	<2	1.31	<0.5	78	108	3350	4.69	10	2.38

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 22-AUG-2009
Account: MGMAM

Project: SD09-137 BL

CERTIFICATE OF ANALYSIS TB09081504

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741673		20	2.26	540	3	1.62	76	910	<2	0.41	<5	14	118	<20	0.37	<10
H741674		10	2.64	570	6	0.70	83	970	2	0.35	<5	16	65	<20	0.39	<10
H741675		20	2.07	475	2	0.68	81	610	<2	0.61	<5	7	26	<20	0.30	<10
H741676		20	3.04	836	2	3.00	55	940	<2	0.56	<5	18	141	<20	0.75	<10
H741677		30	2.42	791	2	2.83	36	1030	<2	0.20	<5	17	142	<20	0.80	<10
H741678		30	2.79	898	1	2.96	18	980	<2	0.03	<5	19	152	<20	0.86	<10
H741679		30	2.41	812	1	3.14	16	1340	<2	0.08	<5	16	155	<20	1.02	<10
H741680		10	0.21	586	1	2.69	2	190	5	<0.01	<5	5	174	<20	0.12	<10
H741681		30	2.68	855	1	3.43	38	1280	<2	0.12	<5	17	125	<20	1.04	<10
H741682		20	3.60	1305	2	3.19	54	1040	<2	0.18	<5	21	165	<20	1.22	<10
H741683		20	12.10	1790	<1	0.37	925	580	290	0.65	<5	28	103	<20	0.72	<10
H741683 CRD		20	12.05	1790	1	0.37	922	600	259	0.68	<5	28	103	<20	0.73	<10
H741684		10	13.45	1395	<1	0.12	1015	490	5	0.32	<5	23	63	<20	0.62	<10
H741685		20	11.70	1550	<1	0.78	681	720	6	0.77	<5	21	153	<20	0.93	<10
H741686		20	13.75	1510	<1	0.31	753	630	4	0.56	<5	20	196	<20	0.73	<10
H741687		20	14.90	1615	1	0.29	861	660	9	0.50	<5	16	260	<20	0.64	<10
H741688		10	15.60	1475	1	0.33	937	520	4	0.20	<5	16	286	<20	0.60	<10
H741689		10	14.90	1450	<1	0.19	945	440	<2	0.25	<5	17	218	<20	0.57	<10
H741690		10	1.47	771	186	2.02	111	510	258	0.25	6	14	249	<20	0.31	<10
H741691		10	15.55	1600	1	0.17	940	430	9	0.33	<5	18	173	<20	0.54	<10
H741692		10	16.35	1460	1	0.20	1060	390	<2	0.11	<5	15	136	<20	0.48	<10
H741693		10	16.55	1400	1	0.25	1055	390	<2	0.07	<5	14	168	<20	0.47	<10
H741694		10	17.50	1485	1	0.34	1140	420	<2	0.09	<5	14	214	<20	0.49	<10
H741695		10	17.55	1445	<1	0.34	1125	420	4	0.14	<5	13	234	<20	0.47	<10
H741696		10	18.15	1470	<1	0.23	1265	400	4	0.27	<5	11	186	<20	0.42	<10
H741697		10	18.40	1435	1	0.27	1210	390	<2	0.11	<5	11	182	<20	0.41	<10
H741698		10	18.05	1395	1	0.22	1235	380	<2	0.25	<5	10	197	<20	0.38	<10
H741699		10	18.50	1400	1	0.23	1290	330	3	0.22	<5	10	179	<20	0.36	<10
H741700		10	18.35	1415	1	0.17	1230	340	4	0.40	<5	9	199	<20	0.35	<10
H741701		10	19.35	1440	1	0.18	1285	320	3	0.36	<5	10	192	<20	0.34	<10
H741702		10	18.75	1425	1	0.16	1280	290	7	0.21	<5	9	175	<20	0.33	<10
H741703		10	19.05	1405	1	0.18	1300	300	3	0.17	<5	9	179	<20	0.32	<10
H741703 CRD		10	19.40	1445	1	0.18	1325	300	3	0.17	<5	9	183	<20	0.33	<10
H741704		10	19.50	1420	1	0.18	1330	290	5	0.11	<5	9	164	<20	0.32	<10
H741705		10	19.65	1425	<1	0.18	1350	300	2	0.10	<5	9	141	<20	0.32	<10
H741706		10	19.60	1435	1	0.18	1325	290	2	0.22	<5	8	154	<20	0.31	<10
H741707		10	19.10	1410	<1	0.15	1285	280	4	0.32	<5	8	185	<20	0.30	<10
H741708		10	19.15	1415	1	0.15	1340	270	7	0.84	<5	8	181	<20	0.30	<10
H741709		10	19.55	1435	<1	0.19	1350	290	4	0.44	<5	8	195	<20	0.31	<10
H741710		10	0.88	397	25	1.52	2490	310	8	2.23	<5	3	403	<20	0.09	<10

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

Finalized Date: 22-AUG-2009
Account: MGMAM

Project: SD09-137 BL

CERTIFICATE OF ANALYSIS TB09081504

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741673		<10	114	<10	45	0.002	0.0015	0.001
H741674		<10	129	<10	51	0.002	0.0018	0.002
H741675		<10	71	<10	38	0.009	0.0811	0.079
H741676		<10	173	<10	81	0.003	0.0129	0.007
H741677		<10	167	<10	64	0.002	0.0092	0.005
H741678		<10	199	<10	78	0.001	0.0012	0.001
H741679		<10	179	<10	66	0.001	0.0007	<0.001
H741680		<10	17	<10	27	0.001	<0.0005	<0.001
H741681		<10	204	<10	72	0.001	0.0038	0.002
H741682		<10	275	<10	88	0.001	0.0014	0.001
H741683		<10	152	<10	411	0.031	0.417	0.407
H741683 CRD		<10	156	<10	375	0.031	0.405	0.410
H741684		<10	137	10	67	0.026	0.379	0.369
H741685		<10	180	<10	140	0.009	0.1215	0.112
H741686		<10	156	<10	100	0.004	0.0345	0.028
H741687		<10	134	<10	108	0.003	0.0331	0.030
H741688		<10	137	<10	103	0.005	0.0806	0.071
H741689		<10	142	<10	100	0.008	0.1155	0.104
H741690		<10	109	<10	378	0.429	0.1100	0.445
H741691		<10	137	<10	117	0.007	0.0908	0.080
H741692		<10	118	<10	99	0.006	0.0916	0.079
H741693		<10	111	10	98	0.009	0.1070	0.098
H741694		<10	116	<10	105	0.004	0.0654	0.056
H741695		<10	107	<10	101	0.005	0.0644	0.060
H741696		<10	104	<10	103	0.010	0.1355	0.116
H741697		<10	97	<10	100	0.005	0.0699	0.058
H741698		<10	91	<10	96	0.008	0.0990	0.087
H741699		<10	90	<10	98	0.009	0.1110	0.100
H741700		<10	88	<10	105	0.006	0.0792	0.070
H741701		<10	89	<10	99	0.004	0.0581	0.050
H741702		<10	83	<10	110	0.009	0.1240	0.110
H741703		<10	81	<10	96	0.005	0.0722	0.065
H741703 CRD		<10	83	<10	99	0.005	0.0652	0.058
H741704		<10	82	<10	96	0.005	0.0653	0.056
H741705		<10	81	<10	100	0.006	0.0716	0.066
H741706		<10	80	<10	101	0.003	0.0527	0.045
H741707		<10	76	<10	96	0.005	0.0835	0.073
H741708		<10	76	<10	101	0.010	0.1380	0.116
H741709		<10	77	10	99	0.010	0.1285	0.113
H741710		<10	39	<10	38	0.013	0.0096	0.013

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

Finalized Date: 22-AUG-2009
Account: MGMAM

Project: SD09-137 BL

CERTIFICATE OF ANALYSIS TB09081504

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741711		2.38	<0.5	1.16	<5	50	<0.5	<2	1.42	<0.5	148	3050	160	10.55	10	0.15
H741712		2.40	<0.5	1.16	<5	60	<0.5	3	1.47	<0.5	150	3020	303	10.45	10	0.14
H741713		2.24	<0.5	1.18	7	60	<0.5	2	1.51	<0.5	155	3460	73	10.75	10	0.15
H741714		2.31	<0.5	1.10	8	60	<0.5	<2	1.59	<0.5	147	3350	117	10.35	10	0.11
H741715		3.00	<0.5	1.19	<5	90	<0.5	<2	1.72	<0.5	148	3190	82	10.15	10	0.09
H741716		3.38	<0.5	1.20	10	80	<0.5	<2	1.59	<0.5	148	3280	103	10.25	10	0.13
H741717		4.55	<0.5	1.14	<5	50	<0.5	<2	1.41	<0.5	150	3260	127	10.35	10	0.17
H741718		2.23	<0.5	1.15	26	80	<0.5	3	1.47	<0.5	153	3220	150	10.45	10	0.16
H741719		2.31	<0.5	1.17	10	60	<0.5	<2	1.45	<0.5	151	3110	194	10.45	10	0.17
H741720		0.09	<0.5	6.12	<5	880	0.9	<2	1.27	<0.5	2	23	22	1.48	10	1.92

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THUNDER BAY ON P7B 6V1

Finalized Date: 22-AUG-2009
Account: MGMAM

Project: SD09-137 BL

CERTIFICATE OF ANALYSIS TB09081504

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741711		10	19.95	1470	1	0.18	1345	290	2	0.19	<5	9	149	<20	0.31	<10
H741712		10	19.60	1445	1	0.20	1415	300	<2	0.36	<5	8	263	<20	0.31	<10
H741713		10	20.4	1495	1	0.17	1410	310	<2	0.14	<5	9	174	<20	0.31	<10
H741714		10	19.20	1410	<1	0.17	1315	270	3	0.48	<5	8	252	<20	0.29	<10
H741715		10	19.05	1395	1	0.14	1305	300	<2	0.24	<5	8	161	<20	0.31	<10
H741716		10	19.30	1435	1	0.21	1280	300	3	0.50	<5	8	296	<20	0.30	<10
H741717		10	19.80	1440	1	0.18	1325	290	2	0.14	<5	8	136	<20	0.30	<10
H741718		10	19.75	1470	1	0.18	1300	280	4	1.27	<5	8	143	<20	0.27	<10
H741719		10	20.00	1455	<1	0.18	1350	290	3	0.58	<5	8	143	<20	0.29	<10
H741720		10	0.19	559	1	2.51	6	160	6	0.01	<5	4	157	<20	0.11	<10

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Finalized Date: 22-AUG-2009
Account: MGMAM

Project: SD09-137 BL

CERTIFICATE OF ANALYSIS TB09081504

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741711		<10	76	<10	99	0.005	0.0843	0.073
H741712		<10	75	<10	97	0.013	0.1430	0.129
H741713		<10	78	<10	102	0.003	0.0421	0.035
H741714		<10	74	<10	96	0.005	0.0759	0.063
H741715		<10	77	<10	101	0.003	0.0447	0.036
H741716		<10	78	<10	97	0.004	0.0770	0.062
H741717		<10	76	<10	97	0.005	0.0678	0.057
H741718		<10	75	10	100	0.005	0.0726	0.068
H741719		<10	76	<10	98	0.006	0.0809	0.073
H741720		10	15	<10	26	0.001	0.0007	<0.001

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

Finalized Date: 24-AUG-2009
Account: MGMAM

CERTIFICATE TB09081505

Project: SD09-138 BL

P.O. No.:

This report is for 70 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24-AUG-2009
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Project: SD09-138 BL

CERTIFICATE OF ANALYSIS TB09081505

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168213		2.00	<0.5	1.35	19	60	<0.5	<2	2.34	<0.5	148	3020	233	10.30	10	0.12
G168214		2.14	<0.5	1.36	5	70	<0.5	<2	1.64	<0.5	150	3980	122	10.50	10	0.16
G168215		1.53	<0.5	4.05	<5	240	1.2	<2	3.57	<0.5	90	1650	408	9.55	10	0.72
H741721		2.22	<0.5	1.14	<5	50	<0.5	<2	1.40	<0.5	149	3190	148	10.45	10	0.17
H741722		2.28	<0.5	1.20	10	60	<0.5	<2	1.48	<0.5	157	3430	176	10.70	10	0.17
H741723		4.80	<0.5	1.15	7	50	<0.5	<2	1.38	<0.5	148	3170	183	10.10	10	0.16
H741723 CRD		0.02	<0.5	1.20	<5	50	<0.5	<2	1.49	<0.5	156	3340	194	10.65	10	0.17
H741724		2.37	<0.5	1.16	10	50	<0.5	<2	1.42	<0.5	150	3250	116	10.25	10	0.16
H741725		2.39	<0.5	1.17	8	70	<0.5	<2	1.56	<0.5	152	3430	159	10.30	10	0.16
H741726		2.37	<0.5	1.15	<5	70	<0.5	<2	1.43	<0.5	151	3340	100	10.20	10	0.15
H741727		2.44	<0.5	1.14	10	50	<0.5	<2	1.43	<0.5	151	3450	212	10.15	10	0.16
H741728		2.22	<0.5	1.12	7	50	<0.5	<2	1.65	<0.5	146	3350	248	9.90	10	0.16
H741729		2.28	<0.5	1.16	15	90	<0.5	<2	1.52	<0.5	148	3500	232	9.88	10	0.15
H741730		0.10	<0.5	7.80	922	250	<0.5	<2	5.29	<0.5	31	493	253	5.23	10	0.76
H741731		2.39	<0.5	1.15	19	70	<0.5	<2	1.53	<0.5	149	3550	289	9.85	10	0.15
H741732		2.29	<0.5	1.21	<5	50	<0.5	<2	1.54	<0.5	152	3530	345	10.40	10	0.20
H741733		4.88	<0.5	1.28	<5	50	<0.5	<2	1.56	<0.5	153	3530	271	10.20	10	0.20
H741734		2.41	<0.5	1.38	<5	100	<0.5	<2	1.88	<0.5	148	3470	396	10.20	10	0.23
H741735		4.68	<0.5	1.36	<5	60	<0.5	<2	1.64	<0.5	151	3550	101	10.20	10	0.21
H741736		4.81	<0.5	1.34	<5	60	<0.5	<2	1.63	<0.5	146	3770	180	10.25	10	0.20
H741737		2.38	<0.5	1.36	13	70	<0.5	<2	1.68	<0.5	141	4280	217	9.88	10	0.19
H741738		2.29	<0.5	1.27	26	110	<0.5	<2	1.90	<0.5	140	4370	311	9.83	10	0.14
H741739		4.61	<0.5	1.25	<5	60	<0.5	<2	1.55	<0.5	142	4510	145	10.25	10	0.14
H741740		2.20	<0.5	1.26	<5	70	<0.5	<2	1.66	<0.5	145	3860	177	10.40	10	0.15
H741741		4.66	<0.5	1.36	<5	60	<0.5	<2	1.66	<0.5	151	3650	170	10.65	10	0.16
H741742		4.66	<0.5	1.38	<5	70	<0.5	<2	1.67	<0.5	149	3430	165	10.10	10	0.15
H741743		4.68	<0.5	1.39	<5	70	<0.5	<2	1.66	<0.5	146	3110	189	10.05	10	0.14
H741743 CRD		0.02	<0.5	1.39	<5	70	<0.5	<2	1.66	<0.5	144	3140	184	10.10	10	0.13
H741744		4.62	<0.5	1.35	8	80	<0.5	<2	1.70	<0.5	144	3130	190	10.05	10	0.13
H741745		4.75	<0.5	1.40	<5	70	<0.5	<2	1.68	<0.5	145	3400	150	10.80	10	0.15
H741746		4.63	<0.5	1.39	<5	70	<0.5	<2	1.68	<0.5	149	3340	209	10.70	10	0.14
H741747		4.69	<0.5	1.41	<5	70	<0.5	<2	1.68	<0.5	148	3120	221	10.30	10	0.15
H741748		4.76	<0.5	1.47	<5	70	<0.5	<2	1.70	<0.5	143	2900	245	10.30	<10	0.14
H741749		4.55	<0.5	1.49	<5	70	<0.5	<2	1.76	<0.5	142	2800	215	10.15	<10	0.14
H741750		0.10	1.5	6.02	<5	540	0.7	2	1.35	<0.5	81	118	3440	4.88	10	2.60
H741751		4.51	<0.5	1.43	<5	80	<0.5	<2	1.69	<0.5	135	2930	227	9.69	<10	0.13
H741752		4.58	<0.5	1.44	<5	70	<0.5	<2	1.70	<0.5	140	3180	320	9.90	<10	0.12
H741753		4.70	<0.5	1.45	<5	70	<0.5	<2	1.76	<0.5	133	3030	190	9.56	<10	0.11
H741754		4.49	<0.5	1.46	<5	60	<0.5	<2	1.70	<0.5	131	3190	188	9.42	<10	0.11
H741755		4.09	<0.5	1.42	<5	50	<0.5	<2	1.60	<0.5	130	3220	158	9.27	<10	0.11

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Finalized Date: 24-AUG-2009
Account: MGMAM

Project: SD09-138 BL

CERTIFICATE OF ANALYSIS TB09081505

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168213		10	19.05	1455	<1	0.18	1290	350	3	0.35	<5	10	199	<20	0.36	<10
G168214		10	19.90	1450	<1	0.20	1450	330	2	0.20	<5	9	175	<20	0.34	<10
G168215		20	11.55	1715	1	0.81	755	740	9	0.51	<5	19	307	<20	0.99	<10
H741721		10	19.40	1410	<1	0.19	1295	290	4	0.15	<5	8	133	<20	0.30	<10
H741722		10	20.7	1485	1	0.16	1405	310	<2	0.42	<5	9	142	<20	0.31	<10
H741723		10	19.60	1400	1	0.15	1335	280	<2	0.23	<5	8	135	<20	0.30	<10
H741723 CRD		10	20.6	1480	1	0.16	1390	300	3	0.25	<5	9	141	<20	0.32	<10
H741724		10	20.0	1420	1	0.16	1335	290	<2	0.70	<5	8	139	<20	0.30	<10
H741725		10	19.95	1430	1	0.16	1350	290	4	0.85	<5	8	163	<20	0.31	<10
H741726		10	19.85	1415	1	0.18	1335	280	3	0.50	<5	8	138	<20	0.31	<10
H741727		10	19.85	1405	<1	0.17	1395	290	3	0.35	<5	8	133	<20	0.31	<10
H741728		10	19.35	1365	<1	0.16	1350	290	5	0.51	<5	8	144	<20	0.30	<10
H741729		10	19.35	1370	1	0.17	1370	300	2	1.06	<5	8	153	<20	0.29	<10
H741730		<10	2.85	546	7	1.08	718	280	29	0.61	8	9	163	<20	0.15	<10
H741731		10	19.30	1350	<1	0.16	1380	280	3	0.92	<5	8	164	<20	0.30	<10
H741732		10	19.85	1390	1	0.16	1475	290	2	0.30	<5	9	143	<20	0.32	<10
H741733		10	20.2	1395	<1	0.21	1465	310	2	0.15	<5	9	153	<20	0.33	<10
H741734		10	19.75	1370	1	0.19	1490	350	<2	0.33	<5	9	213	<20	0.35	<10
H741735		10	19.90	1375	1	0.28	1415	330	<2	0.14	<5	9	161	<20	0.36	<10
H741736		10	19.65	1370	1	0.29	1485	330	3	0.13	<5	9	156	<20	0.35	<10
H741737		10	19.15	1355	<1	0.22	1510	330	2	0.58	<5	9	156	<20	0.33	<10
H741738		10	19.00	1445	<1	0.12	1525	310	8	0.96	<5	9	154	<20	0.30	<10
H741739		10	19.10	1365	1	0.15	1485	310	5	0.29	<5	9	144	<20	0.32	<10
H741740		10	19.15	1390	1	0.19	1420	320	<2	0.19	<5	9	167	<20	0.33	<10
H741741		10	19.75	1420	1	0.27	1425	330	3	0.07	<5	10	161	<20	0.36	<10
H741742		10	19.40	1390	<1	0.27	1375	330	3	0.08	<5	10	164	<20	0.35	<10
H741743		10	19.25	1390	<1	0.29	1345	350	3	0.12	<5	9	169	<20	0.35	<10
H741743 CRD		10	19.25	1390	<1	0.29	1330	350	3	0.12	<5	9	168	<20	0.35	<10
H741744		10	18.90	1400	1	0.23	1355	330	3	0.44	<5	9	181	<20	0.34	<10
H741745		10	19.25	1445	1	0.27	1395	350	<2	0.09	<5	10	169	<20	0.37	<10
H741746		10	19.15	1430	1	0.25	1340	330	3	0.06	<5	9	169	<20	0.37	<10
H741747		10	19.25	1415	1	0.25	1325	360	4	0.05	<5	9	171	<20	0.38	<10
H741748		10	19.45	1475	1	0.26	1375	360	<2	0.08	<5	10	178	<20	0.38	<10
H741749		10	19.25	1460	<1	0.23	1405	360	2	0.06	<5	10	183	<20	0.39	<10
H741750		10	0.97	407	26	1.63	2500	330	8	2.25	<5	4	439	<20	0.10	<10
H741751		10	18.35	1385	<1	0.20	1345	350	<2	0.07	<5	9	176	<20	0.38	<10
H741752		10	18.75	1400	<1	0.23	1435	380	<2	0.14	<5	10	173	<20	0.38	<10
H741753		10	18.30	1370	<1	0.23	1365	340	<2	0.21	<5	9	187	<20	0.35	<10
H741754		10	18.05	1340	<1	0.22	1390	350	<2	0.12	<5	9	180	<20	0.36	<10
H741755		10	17.80	1305	<1	0.19	1360	320	2	0.10	<5	9	154	<20	0.35	<10

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

Finalized Date: 24-AUG-2009
Account: MGMAM

Project: SD09-138 BL

CERTIFICATE OF ANALYSIS TB09081505

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168213		<10	89	<10	107	0.007	0.0891	0.080			
G168214		<10	90	<10	106	0.007	0.0556	0.042			
G168215		<10	198	<10	130	0.013	0.1020	0.110			
H741721		<10	74	10	98	0.006	0.0886	0.079			
H741722		<10	78	<10	102	0.006	0.0763	0.066			
H741723		<10	76	<10	94	0.006	0.0789	0.069			
H741723 CRD		<10	79	<10	104	0.006	0.0703	0.062			
H741724		<10	77	<10	98	0.003	0.0562	0.048			
H741725		<10	79	<10	99	0.004	0.0647	0.055			
H741726		<10	77	<10	99	0.003	0.0420	0.033			
H741727		<10	77	<10	96	0.005	0.0808	0.070			
H741728		<10	76	<10	92	0.007	0.1035	0.091			
H741729		<10	78	<10	92	0.007	0.0973	0.087			
H741730		<10	61	<10	41	>1.00	>1.00	>1.00	1.51	1.14	4.59
H741731		<10	79	<10	93	0.009	0.1300	0.116			
H741732		<10	81	<10	95	0.010	0.1590	0.141			
H741733		<10	84	<10	95	0.008	0.1255	0.115			
H741734		<10	85	10	96	0.013	0.1955	0.181			
H741735		<10	87	<10	98	0.003	0.0606	0.052			
H741736		<10	88	<10	96	0.006	0.0920	0.075			
H741737		<10	92	<10	100	0.007	0.1040	0.084			
H741738		<10	90	<10	110	0.012	0.1500	0.122			
H741739		<10	88	10	99	0.005	0.0800	0.061			
H741740		<10	85	<10	96	0.006	0.0876	0.069			
H741741		<10	90	<10	99	0.006	0.0983	0.084			
H741742		<10	90	10	96	0.005	0.0965	0.081			
H741743		<10	87	<10	98	0.007	0.1065	0.091			
H741743 CRD		<10	86	<10	96	0.007	0.1040	0.091			
H741744		<10	86	<10	99	0.007	0.1040	0.091			
H741745		<10	89	<10	100	0.015	0.229	0.199			
H741746		<10	89	<10	99	0.007	0.1075	0.084			
H741747		<10	88	<10	98	0.007	0.1090	0.094			
H741748		<10	89	<10	99	0.008	0.1110	0.101			
H741749		<10	91	<10	98	0.007	0.0883	0.079			
H741750		<10	40	<10	39	0.019	0.0100	0.013			
H741751		<10	89	<10	94	0.007	0.1005	0.086			
H741752		<10	90	<10	96	0.011	0.1490	0.136			
H741753		<10	89	<10	96	0.007	0.1010	0.086			
H741754		<10	88	<10	92	0.007	0.0986	0.078			
H741755		<10	85	<10	89	0.006	0.0795	0.067			

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

Finalized Date: 24-AUG-2009
Account: MGMAM

Project: SD09-138 BL

CERTIFICATE OF ANALYSIS TB09081505

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741756		4.30	<0.5	1.51	6	70	<0.5	<2	1.84	<0.5	134	3040	478	9.54	<10	0.11
H741757		4.52	<0.5	1.56	<5	70	<0.5	<2	1.70	<0.5	135	3170	513	9.54	<10	0.13
H741758		4.67	<0.5	1.50	<5	70	<0.5	<2	1.64	<0.5	130	3270	524	9.14	<10	0.13
H741759		4.55	<0.5	1.62	<5	70	<0.5	<2	1.75	<0.5	133	3560	332	9.53	<10	0.13
H741760		0.09	<0.5	6.30	<5	890	1.0	<2	1.34	<0.5	3	30	17	1.57	10	2.12
H741761		4.66	<0.5	1.58	<5	70	<0.5	<2	1.76	<0.5	133	3990	281	9.79	<10	0.13
H741762		4.60	<0.5	1.69	<5	70	<0.5	<2	1.84	<0.5	139	3680	377	9.99	<10	0.14
H741763		4.79	<0.5	1.71	7	70	<0.5	<2	1.95	<0.5	140	3370	370	10.20	<10	0.16
H741763 CRD		0.02	<0.5	1.72	6	80	<0.5	<2	1.98	<0.5	139	3430	359	10.25	<10	0.16
H741764		4.68	<0.5	1.78	<5	80	<0.5	<2	1.97	<0.5	141	3210	521	10.20	<10	0.17
H741765		4.96	<0.5	1.73	<5	80	<0.5	<2	1.98	<0.5	133	3160	290	9.93	10	0.18
H741766		4.76	<0.5	1.84	<5	70	<0.5	<2	2.15	<0.5	136	3310	248	10.30	<10	0.16
H741767		4.88	<0.5	2.00	<5	90	<0.5	<2	2.28	<0.5	136	3230	183	10.50	10	0.18
H741768		5.05	<0.5	1.98	5	80	<0.5	<2	2.31	<0.5	134	3220	183	10.40	10	0.19
H741769		4.76	<0.5	2.12	5	80	<0.5	<2	2.87	<0.5	134	2920	233	10.45	10	0.19
H741770		0.10	16.7	7.28	208	460	0.7	<2	3.40	3.1	15	130	344	4.47	10	0.87
H741771		4.92	<0.5	2.23	<5	90	<0.5	<2	2.62	<0.5	127	2700	247	10.10	10	0.20
H741772		4.93	<0.5	2.46	<5	100	0.5	<2	2.88	<0.5	127	2710	222	10.20	10	0.25
H741773		5.27	<0.5	2.49	<5	100	0.5	<2	2.87	<0.5	123	2640	252	10.05	10	0.24
H741774		4.92	<0.5	2.58	<5	110	0.6	<2	3.07	<0.5	121	2490	458	10.05	10	0.34
H741775		4.47	<0.5	2.86	<5	120	0.7	<2	3.07	<0.5	110	2370	190	9.52	10	0.39
H741776		4.64	<0.5	3.12	<5	130	0.7	<2	3.62	<0.5	104	2290	169	9.56	10	0.47
H741777		2.47	0.7	3.44	6	150	0.9	<2	3.72	<0.5	105	2180	185	9.79	10	0.62
H741778		2.41	<0.5	3.75	<5	200	0.8	<2	4.09	<0.5	100	1930	285	9.67	10	0.71
H741779		2.40	0.5	4.03	<5	290	0.9	<2	4.29	<0.5	94	1620	525	9.44	10	0.78
H741780		1.50	<0.5	4.08	<5	240	1.2	<2	3.51	<0.5	89	1600	398	9.49	10	0.75
H741781		1.36	<0.5	7.89	17	680	1.6	<2	0.75	<0.5	55	149	945	5.38	20	1.75
H741782		4.42	<0.5	7.75	6	690	2.0	<2	0.53	<0.5	21	128	28	4.40	20	2.48
H741783		4.31	<0.5	8.20	8	740	1.7	<2	0.53	<0.5	20	98	25	4.14	20	2.18
H741783 CRD		0.02	<0.5	7.92	12	750	1.7	<2	0.52	<0.5	20	102	25	4.16	20	2.19

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

Finalized Date: 24-AUG-2009
Account: MGMAM

Project: SD09-138 BL

CERTIFICATE OF ANALYSIS TB09081505

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741756		10	18.20	1380	1	0.23	1495	340	<2	0.28	<5	9	186	<20	0.36	<10
H741757		10	18.30	1350	1	0.30	1535	370	<2	0.17	<5	9	185	<20	0.38	<10
H741758		10	17.50	1285	1	0.32	1500	340	<2	0.14	<5	9	178	<20	0.37	<10
H741759		10	18.30	1355	1	0.33	1545	320	<2	0.10	<5	9	190	<20	0.38	<10
H741760		10	0.24	580	1	2.72	6	180	7	<0.01	<5	5	171	<20	0.12	<10
H741761		10	18.45	1370	1	0.36	1525	360	<2	0.11	<5	9	184	<20	0.38	<10
H741762		10	18.55	1395	<1	0.39	1540	370	<2	0.16	<5	10	191	<20	0.41	<10
H741763		10	18.55	1450	1	0.41	1515	380	<2	0.26	<5	10	216	<20	0.42	<10
H741763 CRD		10	18.65	1460	<1	0.41	1505	380	<2	0.27	<5	10	218	<20	0.42	<10
H741764		10	18.45	1450	1	0.46	1550	420	<2	0.22	<5	10	215	<20	0.43	<10
H741765		10	17.75	1400	<1	0.45	1385	400	<2	0.21	<5	10	199	<20	0.43	<10
H741766		10	18.25	1450	<1	0.47	1410	430	<2	0.23	<5	11	212	<20	0.46	<10
H741767		20	18.10	1470	<1	0.58	1365	420	<2	0.15	<5	12	224	<20	0.49	<10
H741768		10	17.65	1460	1	0.51	1325	420	<2	0.26	<5	12	226	<20	0.50	<10
H741769		10	17.45	1485	<1	0.50	1305	480	<2	0.48	<5	12	285	<20	0.53	<10
H741770		10	1.65	782	191	2.14	122	550	262	0.26	7	14	270	<20	0.32	<10
H741771		10	16.45	1420	1	0.63	1240	460	2	0.17	<5	13	264	<20	0.56	<10
H741772		20	16.30	1435	<1	0.65	1210	510	<2	0.11	<5	13	282	<20	0.62	<10
H741773		20	15.80	1415	1	0.74	1185	520	2	0.15	<5	14	289	<20	0.65	<10
H741774		20	15.10	1405	1	0.71	1170	570	2	0.49	<5	14	307	<20	0.67	<10
H741775		20	13.95	1425	<1	0.59	1030	580	3	0.33	<5	15	279	<20	0.74	<10
H741776		20	13.75	1415	1	0.67	964	650	3	0.37	<5	15	317	<20	0.77	<10
H741777		20	13.25	1450	1	0.78	949	760	5	0.60	<5	17	365	<20	0.86	<10
H741778		20	12.20	1395	1	0.87	884	790	3	0.96	<5	17	420	<20	0.91	<10
H741779		20	11.05	1365	1	0.84	862	860	4	0.77	<5	18	402	<20	0.97	<10
H741780		20	11.15	1780	<1	0.83	801	740	13	0.52	<5	19	301	<20	1.00	<10
H741781		40	2.46	465	1	2.51	666	820	12	1.06	<5	15	214	<20	0.37	<10
H741782		30	2.21	366	1	2.13	87	960	3	0.48	<5	15	141	<20	0.38	<10
H741783		30	2.18	475	<1	2.31	67	870	12	0.54	<5	13	158	<20	0.33	<10
H741783 CRD		20	2.17	489	<1	2.31	67	890	13	0.52	<5	13	156	<20	0.32	<10

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CERTIFICATE OF ANALYSIS TB09081505

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741756		<10	88	<10	93	0.013	0.1945	0.172			
H741757		<10	90	<10	93	0.005	0.0745	0.060			
H741758		<10	88	<10	90	0.018	0.244	0.209			
H741759		<10	94	<10	95	0.013	0.1710	0.142			
H741760		10	16	<10	28	0.002	0.0007	<0.001			
H741761		<10	97	<10	95	0.013	0.1390	0.115			
H741762		<10	102	<10	98	0.012	0.1700	0.139			
H741763		<10	103	<10	103	0.012	0.1550	0.136			
H741763 CRD		<10	102	<10	102	0.012	0.1550	0.136			
H741764		<10	101	<10	99	0.015	0.200	0.180			
H741765		<10	104	<10	101	0.010	0.1120	0.099			
H741766		<10	114	<10	103	0.009	0.0939	0.078			
H741767		<10	118	<10	101	0.006	0.0745	0.060			
H741768		<10	120	<10	102	0.007	0.0755	0.061			
H741769		<10	127	<10	106	0.008	0.0830	0.072			
H741770		<10	108	<10	387	0.406	0.1145	0.432			
H741771		<10	129	<10	100	0.009	0.0951	0.083			
H741772		<10	136	<10	101	0.007	0.0740	0.062			
H741773		<10	140	<10	100	0.007	0.0778	0.065			
H741774		<10	146	<10	100	0.015	0.1970	0.179			
H741775		<10	155	<10	101	0.006	0.0609	0.050			
H741776		<10	164	<10	95	0.005	0.0479	0.041			
H741777		<10	178	<10	104	0.006	0.0525	0.047			
H741778		<10	187	<10	105	0.008	0.0792	0.069			
H741779		<10	196	<10	99	0.013	0.1435	0.138			
H741780		<10	203	<10	139	0.010	0.1035	0.099			
H741781		<10	127	<10	57	0.013	0.360	0.326			
H741782		<10	134	<10	49	0.003	0.0060	0.004			
H741783		<10	117	<10	76	0.003	0.0037	0.003			
H741783 CRD		<10	116	<10	81	0.003	0.0026	0.002			

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

Finalized Date: 27-AUG-2009
Account: MGMAM

CERTIFICATE TB09083461

Project: SD09-139 BL

P.O. No.:

This report is for 59 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741784		4.97	<0.5	7.52	8	310	2.3	<2	0.32	<0.5	16	105	64	4.07	10	2.11
H741785		4.29	<0.5	7.58	8	510	2.3	<2	0.60	<0.5	14	98	47	3.39	20	2.57
H741786		3.63	<0.5	3.95	7	230	1.1	<2	1.76	<0.5	11	71	41	2.78	10	0.94
H741787		2.76	<0.5	3.81	6	210	1.2	<2	2.02	<0.5	15	83	405	2.81	10	0.73
H741788		4.84	<0.5	7.09	29	560	1.6	<2	1.33	<0.5	24	127	130	5.51	10	1.45
H741789		4.22	<0.5	6.53	29	310	1.7	<2	1.78	<0.5	22	67	3	5.10	10	1.38
H741790		0.10	1.6	6.00	<5	790	0.7	<2	1.32	<0.5	80	106	3430	4.68	10	2.61
H741791		4.43	<0.5	6.25	39	290	1.7	<2	1.74	<0.5	23	23	12	5.69	10	1.17
H741792		4.45	0.6	6.71	47	510	1.9	<2	2.75	<0.5	21	18	27	5.41	20	1.57
H741793		4.40	<0.5	6.63	14	450	1.5	<2	1.82	<0.5	20	35	4	5.36	10	1.35
H741794		4.56	<0.5	7.46	27	430	2.4	<2	3.29	<0.5	38	74	220	6.63	10	0.78
H741795		4.73	<0.5	2.68	47	610	1.3	<2	5.74	1.1	106	1050	998	9.14	10	0.15
H741796		4.97	<0.5	2.75	31	80	0.8	<2	4.80	0.6	107	1450	378	9.59	<10	0.24
H741797		2.29	<0.5	6.68	26	40	1.6	<2	3.55	1.1	31	100	80	7.73	10	0.19
H741798		4.00	<0.5	2.52	10	90	0.7	<2	4.20	0.6	115	1715	315	9.23	<10	0.24
H741799		4.85	<0.5	2.25	7	90	0.6	<2	3.64	<0.5	112	1750	173	9.56	<10	0.24
H741800		0.09	<0.5	6.30	8	900	1.0	<2	1.34	<0.5	3	23	16	1.55	10	2.02
H741801		4.96	<0.5	2.24	5	120	0.5	<2	3.34	<0.5	116	1910	345	9.61	<10	0.27
H741802		4.98	0.5	2.13	<5	100	0.5	<2	3.14	<0.5	121	1980	480	9.85	<10	0.26
H741803		5.14	<0.5	2.00	<5	110	0.5	<2	3.16	<0.5	120	2140	339	9.78	10	0.23
H741803 CRD		0.02	<0.5	2.01	<5	110	0.5	<2	3.22	<0.5	122	2110	334	9.86	<10	0.23
H741804		4.94	<0.5	1.78	5	80	<0.5	<2	3.32	<0.5	120	2140	207	9.71	<10	0.18
H741805		4.75	0.5	1.81	11	100	0.5	<2	2.64	<0.5	121	2290	199	9.62	<10	0.18
H741806		4.96	<0.5	1.65	5	60	<0.5	<2	2.64	<0.5	118	2300	113	9.12	10	0.14
H741807		4.87	<0.5	1.76	<5	70	<0.5	<2	2.49	<0.5	122	2390	178	9.44	<10	0.16
H741808		4.79	<0.5	1.66	6	70	<0.5	<2	2.27	<0.5	134	2770	189	10.05	<10	0.17
H741809		4.80	<0.5	1.47	<5	70	<0.5	<2	1.98	<0.5	139	2780	698	10.15	<10	0.19
H741810		0.10	19.4	7.27	201	460	0.7	<2	3.34	3.2	14	106	348	4.36	10	0.85
H741811		4.73	<0.5	1.38	14	70	<0.5	<2	2.17	<0.5	141	2820	740	10.10	<10	0.15
H741812		4.83	<0.5	1.34	8	70	<0.5	<2	1.73	<0.5	139	2940	256	9.99	<10	0.15
H741813		4.78	<0.5	1.24	19	60	<0.5	<2	1.79	<0.5	135	2850	269	9.71	<10	0.13
H741814		4.84	<0.5	1.26	<5	60	<0.5	<2	1.57	<0.5	139	2930	180	9.95	<10	0.17
H741815		4.86	<0.5	1.21	15	60	<0.5	<2	1.56	<0.5	135	2930	259	9.62	<10	0.14
H741816		4.87	<0.5	1.25	25	60	<0.5	<2	1.67	<0.5	141	2500	225	9.96	<10	0.13
H741817		4.55	<0.5	1.16	8	40	<0.5	<2	1.45	<0.5	135	2880	199	9.47	<10	0.12
H741818		4.74	<0.5	1.14	10	50	<0.5	<2	1.32	<0.5	136	3090	109	9.52	<10	0.11
H741819		4.95	<0.5	1.15	10	60	<0.5	<2	1.48	<0.5	140	3210	174	9.83	<10	0.14
H741820		2.30	<0.5	1.14	<5	50	<0.5	<2	1.35	<0.5	143	3220	173	9.87	<10	0.16
H741821		4.91	<0.5	1.06	5	50	<0.5	<2	1.29	<0.5	136	3010	473	9.40	<10	0.13
H741822		5.08	<0.5	1.13	7	60	<0.5	<2	1.38	<0.5	140	3080	316	9.99	<10	0.14

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741784		10	2.59	542	<1	1.48	54	810	<2	0.33	<5	10	87	<20	0.32	<10
H741785		20	2.30	557	<1	1.60	52	850	2	0.18	<5	11	92	<20	0.33	<10
H741786		20	1.81	591	<1	0.82	40	510	<2	0.14	<5	8	40	<20	0.27	<10
H741787		20	1.74	651	<1	1.28	87	630	<2	0.35	<5	8	40	<20	0.33	<10
H741788		30	2.84	736	<1	2.86	45	960	2	0.68	<5	17	127	<20	0.71	<10
H741789		20	2.32	707	<1	2.53	32	1170	2	0.52	<5	13	91	<20	0.82	<10
H741790		10	0.89	404	24	1.61	2410	340	7	2.32	<5	3	425	<20	0.09	<10
H741791		20	2.40	716	<1	2.42	19	1040	<2	0.62	<5	13	76	<20	0.95	<10
H741792		50	2.17	838	<1	2.60	15	1120	<2	0.65	<5	13	110	<20	0.89	<10
H741793		20	2.45	735	<1	2.77	24	1280	<2	0.52	<5	12	107	<20	0.80	<10
H741794		60	4.18	1370	<1	2.80	95	1110	24	0.64	<5	17	167	<20	1.07	<10
H741795		10	11.50	1850	<1	0.24	874	570	95	0.51	<5	24	149	<20	0.66	<10
H741796		20	12.65	1470	<1	0.38	780	600	4	0.55	<5	21	214	<20	0.66	<10
H741797		40	6.11	1930	1	2.98	66	1740	28	1.82	<5	20	113	<20	1.36	<10
H741798		20	13.45	1455	<1	0.28	897	630	14	0.31	<5	18	191	<20	0.65	10
H741799		10	14.85	1445	1	0.29	895	540	4	0.23	<5	16	232	<20	0.59	<10
H741800		10	0.23	570	1	2.62	5	190	8	<0.01	<5	5	174	<20	0.11	<10
H741801		10	15.05	1400	1	0.43	972	490	<2	0.11	<5	15	331	<20	0.59	<10
H741802		10	15.70	1420	1	0.39	1095	490	3	0.12	<5	15	282	<20	0.57	<10
H741803		10	15.50	1420	1	0.40	1065	480	3	0.11	<5	14	340	<20	0.53	<10
H741803 CRD		10	15.60	1430	<1	0.40	1075	480	<2	0.11	<5	15	342	<20	0.54	<10
H741804		10	16.05	1415	<1	0.24	1035	430	4	0.07	<5	15	246	<20	0.49	<10
H741805		10	16.70	1380	1	0.20	1055	440	<2	0.15	<5	13	162	<20	0.47	<10
H741806		10	15.70	1350	1	0.20	1030	400	5	0.20	<5	12	169	<20	0.44	<10
H741807		10	16.05	1360	1	0.29	1085	420	<2	0.11	<5	11	200	<20	0.45	<10
H741808		10	17.45	1440	<1	0.27	1170	400	2	0.12	<5	11	185	<20	0.43	<10
H741809		10	17.85	1430	<1	0.27	1410	360	2	0.18	<5	10	181	<20	0.38	<10
H741810		10	1.56	760	193	2.10	112	550	270	0.26	12	14	277	<20	0.32	<10
H741811		10	18.00	1435	<1	0.22	1410	340	2	0.28	<5	10	189	<20	0.35	<10
H741812		10	18.35	1425	1	0.24	1275	330	<2	0.17	<5	9	182	<20	0.35	<10
H741813		10	18.00	1395	<1	0.20	1275	310	4	0.36	<5	9	195	<20	0.32	<10
H741814		10	18.55	1410	1	0.21	1315	320	<2	0.10	<5	9	156	<20	0.34	<10
H741815		10	18.05	1365	1	0.21	1295	310	<2	0.24	<5	9	213	<20	0.33	<10
H741816		10	18.75	1445	1	0.23	1340	320	3	0.26	<5	9	180	<20	0.33	<10
H741817		10	17.80	1325	<1	0.12	1315	300	3	0.19	<5	8	108	<20	0.32	<10
H741818		10	18.25	1355	<1	0.10	1295	300	<2	0.13	<5	8	117	<20	0.31	<10
H741819		10	18.90	1395	<1	0.15	1345	300	2	0.24	<5	8	157	<20	0.31	<10
H741820		10	19.00	1405	<1	0.17	1340	300	3	0.13	<5	8	142	<20	0.31	<10
H741821		10	17.75	1325	1	0.18	1295	280	2	0.21	<5	8	139	<20	0.29	<10
H741822		10	18.80	1415	<1	0.21	1355	300	3	0.28	<5	8	149	<20	0.31	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741784		10	94	<10	29	<0.001	0.0013	0.001
H741785		<10	96	<10	31	<0.001	0.0033	0.003
H741786		<10	65	<10	33	0.001	0.0390	0.036
H741787		<10	67	<10	36	0.003	0.0760	0.075
H741788		10	173	<10	62	0.001	0.0110	0.005
H741789		10	149	<10	47	<0.001	0.0040	0.002
H741790		10	39	<10	32	0.013	0.0092	0.013
H741791		10	170	10	47	<0.001	0.0023	0.001
H741792		<10	151	<10	46	<0.001	0.0013	0.001
H741793		<10	138	<10	51	<0.001	0.0030	0.001
H741794		<10	223	<10	100	0.001	0.0104	0.005
H741795		<10	147	<10	211	0.019	0.317	0.321
H741796		<10	153	<10	103	0.006	0.110	0.104
H741797		<10	230	<10	264	<0.001	0.0017	0.001
H741798		<10	157	<10	132	0.004	0.0979	0.093
H741799		<10	132	<10	102	0.002	0.0419	0.038
H741800		10	15	<10	27	<0.001	<0.0005	<0.001
H741801		<10	128	<10	102	0.006	0.120	0.117
H741802		<10	126	<10	102	0.011	0.208	0.194
H741803		<10	125	<10	100	0.009	0.155	0.137
H741803 CRD		<10	127	<10	103	0.008	0.147	0.133
H741804		<10	117	<10	99	0.006	0.0999	0.090
H741805		<10	112	<10	101	0.006	0.104	0.087
H741806		<10	104	<10	116	0.002	0.0507	0.046
H741807		<10	105	<10	95	0.004	0.0728	0.066
H741808		<10	106	<10	102	0.003	0.0600	0.059
H741809		<10	97	<10	102	0.013	0.235	0.223
H741810		10	106	<10	384	0.369	0.0970	0.416
H741811		<10	93	<10	104	0.015	0.253	0.233
H741812		<10	91	<10	101	0.004	0.0943	0.083
H741813		<10	84	<10	98	0.005	0.0971	0.089
H741814		<10	85	<10	99	0.004	0.0829	0.072
H741815		<10	82	<10	98	0.006	0.0988	0.088
H741816		<10	82	<10	105	0.008	0.0969	0.086
H741817		<10	78	<10	92	0.005	0.0734	0.066
H741818		<10	78	<10	93	0.001	0.0390	0.034
H741819		<10	79	<10	100	0.004	0.0702	0.060
H741820		<10	80	<10	102	0.004	0.0736	0.070
H741821		<10	74	<10	94	0.012	0.191	0.175
H741822		<10	77	<10	100	0.007	0.126	0.114

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Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741823		4.94	<0.5	1.15	8	60	<0.5	<2	1.43	<0.5	145	3030	563	10.25	<10	0.16
H741823 CRD		0.02	0.5	1.12	11	60	<0.5	<2	1.39	<0.5	143	3000	615	9.97	<10	0.15
H741824		5.01	<0.5	1.09	9	70	<0.5	<2	1.30	<0.5	136	3000	110	9.60	<10	0.14
H741825		4.86	<0.5	1.15	9	60	<0.5	<2	1.42	<0.5	141	3260	223	9.98	<10	0.16
H741826		4.82	<0.5	1.18	16	60	<0.5	<2	1.42	<0.5	148	3100	247	10.30	<10	0.18
H741827		4.76	<0.5	1.15	7	50	<0.5	<2	1.48	<0.5	143	2940	326	9.91	<10	0.13
H741828		4.83	<0.5	1.13	<5	60	<0.5	<2	1.41	<0.5	136	2860	192	9.54	<10	0.16
H741829		4.57	<0.5	1.16	5	50	<0.5	<2	1.41	<0.5	144	3090	100	10.05	<10	0.17
H741830		0.10	1.6	5.73	<5	740	0.7	<2	1.30	<0.5	78	109	3380	4.63	10	2.45
H741831		4.81	<0.5	1.18	<5	60	<0.5	<2	1.40	<0.5	146	3270	244	10.10	<10	0.17
H741832		4.59	0.5	1.17	9	60	<0.5	<2	1.43	<0.5	145	3470	196	10.20	<10	0.16
H741833		4.81	<0.5	1.12	6	60	<0.5	<2	1.38	<0.5	141	3250	194	9.80	<10	0.16
H741834		4.83	<0.5	1.19	8	50	<0.5	<2	1.49	<0.5	148	3370	328	10.10	<10	0.17
H741835		4.75	<0.5	1.20	15	60	<0.5	<2	1.61	<0.5	143	3440	460	9.82	<10	0.15
H741836		4.96	<0.5	1.20	12	50	<0.5	<2	1.47	<0.5	136	3180	290	9.44	<10	0.18
H741837		4.86	<0.5	1.27	5	60	<0.5	<2	1.59	<0.5	144	3440	164	9.71	<10	0.17
H741838		4.89	0.5	1.30	7	60	<0.5	<2	1.54	<0.5	138	3330	396	9.34	<10	0.18
H741839		5.02	<0.5	1.32	7	60	<0.5	<2	1.55	<0.5	133	3360	289	9.38	<10	0.19
H741840		0.09	<0.5	6.35	<5	900	1.0	<2	1.35	<0.5	3	21	17	1.56	10	2.07

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741823		10	19.15	1445	<1	0.22	1515	300	5	0.41	<5	8	147	<20	0.30	<10
H741823 CRD		10	18.60	1405	<1	0.21	1465	290	2	0.40	<5	8	143	<20	0.30	<10
H741824		10	18.10	1365	1	0.20	1305	270	<2	0.43	<5	8	135	<20	0.28	<10
H741825		10	18.90	1420	<1	0.19	1360	290	<2	0.46	<5	8	158	<20	0.30	<10
H741826		10	19.70	1470	1	0.16	1370	300	3	0.32	<5	8	166	<20	0.31	<10
H741827		10	19.05	1445	<1	0.13	1395	310	<2	0.21	<5	8	130	<20	0.30	<10
H741828		10	18.30	1360	<1	0.16	1260	280	4	0.20	<5	8	168	<20	0.30	<10
H741829		10	19.45	1430	<1	0.15	1360	280	2	0.18	<5	8	138	<20	0.31	<10
H741830		10	0.90	390	27	1.52	2480	330	10	2.17	<5	3	437	<20	0.09	<10
H741831		10	19.65	1435	<1	0.14	1380	290	<2	0.14	<5	8	140	<20	0.31	<10
H741832		10	19.75	1445	1	0.16	1360	290	<2	0.40	<5	8	139	<20	0.30	<10
H741833		10	19.15	1390	<1	0.14	1390	290	<2	0.23	<5	8	134	<20	0.29	<10
H741834		10	19.65	1435	<1	0.14	1480	300	<2	0.23	<5	9	144	<20	0.31	<10
H741835		10	19.15	1385	1	0.13	1535	300	3	0.50	<5	9	166	<20	0.30	<10
H741836		10	18.55	1330	1	0.17	1390	290	4	0.30	<5	8	154	<20	0.30	<10
H741837		10	19.60	1375	<1	0.18	1415	310	<2	0.10	<5	9	161	<20	0.33	<10
H741838		10	18.60	1315	1	0.22	1475	320	5	0.13	<5	9	154	<20	0.33	<10
H741839		10	18.45	1320	<1	0.23	1450	310	3	0.19	<5	9	167	<20	0.33	<10
H741840		10	0.23	569	1	2.64	5	180	9	<0.01	<5	5	177	<20	0.12	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H741823		<10	78	<10	99	0.014	0.227	0.207
H741823 CRD		<10	78	<10	99	0.015	0.239	0.233
H741824		<10	76	<10	95	0.003	0.0650	0.054
H741825		<10	77	<10	97	0.005	0.0967	0.085
H741826		<10	79	<10	102	0.006	0.112	0.099
H741827		<10	76	<10	98	0.010	0.151	0.139
H741828		<10	74	<10	94	0.006	0.101	0.090
H741829		<10	78	<10	99	0.002	0.0599	0.049
H741830		<10	39	<10	36	0.013	0.0104	0.013
H741831		<10	78	<10	99	0.006	0.0952	0.089
H741832		<10	79	10	101	0.004	0.0756	0.067
H741833		<10	77	<10	99	0.005	0.0810	0.072
H741834		<10	82	<10	103	0.007	0.130	0.116
H741835		<10	81	<10	100	0.013	0.238	0.217
H741836		<10	79	<10	93	0.009	0.162	0.147
H741837		<10	86	<10	99	0.005	0.0917	0.081
H741838		<10	84	<10	95	0.012	0.217	0.193
H741839		<10	84	<10	95	0.008	0.160	0.147
H741840		10	16	<10	28	<0.001	<0.0005	<0.001

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Account: MGMAM

CERTIFICATE TB09083461

Project: SD09-139 BL

P.O. No.:

This report is for 59 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741784		4.97	<0.5	7.52	8	310	2.3	<2	0.32	<0.5	16	105	64	4.07	10	2.11
H741785		4.29	<0.5	7.58	8	510	2.3	<2	0.60	<0.5	14	98	47	3.39	20	2.57
H741786		3.63	<0.5	3.95	7	230	1.1	<2	1.76	<0.5	11	71	41	2.78	10	0.94
H741787		2.76	<0.5	3.81	6	210	1.2	<2	2.02	<0.5	15	83	405	2.81	10	0.73
H741788		4.84	<0.5	7.09	29	560	1.6	<2	1.33	<0.5	24	127	130	5.51	10	1.45
H741789		4.22	<0.5	6.53	29	310	1.7	<2	1.78	<0.5	22	67	3	5.10	10	1.38
H741790		0.10	1.6	6.00	<5	790	0.7	<2	1.32	<0.5	80	106	3430	4.68	10	2.61
H741791		4.43	<0.5	6.25	39	290	1.7	<2	1.74	<0.5	23	23	12	5.69	10	1.17
H741792		4.45	0.6	6.71	47	510	1.9	<2	2.75	<0.5	21	18	27	5.41	20	1.57
H741793		4.40	<0.5	6.63	14	450	1.5	<2	1.82	<0.5	20	35	4	5.36	10	1.35
H741794		4.56	<0.5	7.46	27	430	2.4	<2	3.29	<0.5	38	74	220	6.63	10	0.78
H741795		4.73	<0.5	2.68	47	610	1.3	<2	5.74	1.1	106	1050	998	9.14	10	0.15
H741796		4.97	<0.5	2.75	31	80	0.8	<2	4.80	0.6	107	1450	378	9.59	<10	0.24
H741797		2.29	<0.5	6.68	26	40	1.6	<2	3.55	1.1	31	100	80	7.73	10	0.19
H741798		4.00	<0.5	2.52	10	90	0.7	<2	4.20	0.6	115	1715	315	9.23	<10	0.24
H741799		4.85	<0.5	2.25	7	90	0.6	<2	3.64	<0.5	112	1750	173	9.56	<10	0.24
H741800		0.09	<0.5	6.30	8	900	1.0	<2	1.34	<0.5	3	23	16	1.55	10	2.02
H741801		4.96	<0.5	2.24	5	120	0.5	<2	3.34	<0.5	116	1910	345	9.61	<10	0.27
H741802		4.98	0.5	2.13	<5	100	0.5	<2	3.14	<0.5	121	1980	480	9.85	<10	0.26
H741803		5.14	<0.5	2.00	<5	110	0.5	<2	3.16	<0.5	120	2140	339	9.78	10	0.23
H741803 CRD		0.02	<0.5	2.01	<5	110	0.5	<2	3.22	<0.5	122	2110	334	9.86	<10	0.23
H741804		4.94	<0.5	1.78	5	80	<0.5	<2	3.32	<0.5	120	2140	207	9.71	<10	0.18
H741805		4.75	0.5	1.81	11	100	0.5	<2	2.64	<0.5	121	2290	199	9.62	<10	0.18
H741806		4.96	<0.5	1.65	5	60	<0.5	<2	2.64	<0.5	118	2300	113	9.12	10	0.14
H741807		4.87	<0.5	1.76	<5	70	<0.5	<2	2.49	<0.5	122	2390	178	9.44	<10	0.16
H741808		4.79	<0.5	1.66	6	70	<0.5	<2	2.27	<0.5	134	2770	189	10.05	<10	0.17
H741809		4.80	<0.5	1.47	<5	70	<0.5	<2	1.98	<0.5	139	2780	698	10.15	<10	0.19
H741810		0.10	19.4	7.27	201	460	0.7	<2	3.34	3.2	14	106	348	4.36	10	0.85
H741811		4.73	<0.5	1.38	14	70	<0.5	<2	2.17	<0.5	141	2820	740	10.10	<10	0.15
H741812		4.83	<0.5	1.34	8	70	<0.5	<2	1.73	<0.5	139	2940	256	9.99	<10	0.15
H741813		4.78	<0.5	1.24	19	60	<0.5	<2	1.79	<0.5	135	2850	269	9.71	<10	0.13
H741814		4.84	<0.5	1.26	<5	60	<0.5	<2	1.57	<0.5	139	2930	180	9.95	<10	0.17
H741815		4.86	<0.5	1.21	15	60	<0.5	<2	1.56	<0.5	135	2930	259	9.62	<10	0.14
H741816		4.87	<0.5	1.25	25	60	<0.5	<2	1.67	<0.5	141	2500	225	9.96	<10	0.13
H741817		4.55	<0.5	1.16	8	40	<0.5	<2	1.45	<0.5	135	2880	199	9.47	<10	0.12
H741818		4.74	<0.5	1.14	10	50	<0.5	<2	1.32	<0.5	136	3090	109	9.52	<10	0.11
H741819		4.95	<0.5	1.15	10	60	<0.5	<2	1.48	<0.5	140	3210	174	9.83	<10	0.14
H741820		2.30	<0.5	1.14	<5	50	<0.5	<2	1.35	<0.5	143	3220	173	9.87	<10	0.16
H741821		4.91	<0.5	1.06	5	50	<0.5	<2	1.29	<0.5	136	3010	473	9.40	<10	0.13
H741822		5.08	<0.5	1.13	7	60	<0.5	<2	1.38	<0.5	140	3080	316	9.99	<10	0.14

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741784		10	2.59	542	<1	1.48	54	810	<2	0.33	<5	10	87	<20	0.32	<10
H741785		20	2.30	557	<1	1.60	52	850	2	0.18	<5	11	92	<20	0.33	<10
H741786		20	1.81	591	<1	0.82	40	510	<2	0.14	<5	8	40	<20	0.27	<10
H741787		20	1.74	651	<1	1.28	87	630	<2	0.35	<5	8	40	<20	0.33	<10
H741788		30	2.84	736	<1	2.86	45	960	2	0.68	<5	17	127	<20	0.71	<10
H741789		20	2.32	707	<1	2.53	32	1170	2	0.52	<5	13	91	<20	0.82	<10
H741790		10	0.89	404	24	1.61	2410	340	7	2.32	<5	3	425	<20	0.09	<10
H741791		20	2.40	716	<1	2.42	19	1040	<2	0.62	<5	13	76	<20	0.95	<10
H741792		50	2.17	838	<1	2.60	15	1120	<2	0.65	<5	13	110	<20	0.89	<10
H741793		20	2.45	735	<1	2.77	24	1280	<2	0.52	<5	12	107	<20	0.80	<10
H741794		60	4.18	1370	<1	2.80	95	1110	24	0.64	<5	17	167	<20	1.07	<10
H741795		10	11.50	1850	<1	0.24	874	570	95	0.51	<5	24	149	<20	0.66	<10
H741796		20	12.65	1470	<1	0.38	780	600	4	0.55	<5	21	214	<20	0.66	<10
H741797		40	6.11	1930	1	2.98	66	1740	28	1.82	<5	20	113	<20	1.36	<10
H741798		20	13.45	1455	<1	0.28	897	630	14	0.31	<5	18	191	<20	0.65	10
H741799		10	14.85	1445	1	0.29	895	540	4	0.23	<5	16	232	<20	0.59	<10
H741800		10	0.23	570	1	2.62	5	190	8	<0.01	<5	5	174	<20	0.11	<10
H741801		10	15.05	1400	1	0.43	972	490	<2	0.11	<5	15	331	<20	0.59	<10
H741802		10	15.70	1420	1	0.39	1095	490	3	0.12	<5	15	282	<20	0.57	<10
H741803		10	15.50	1420	1	0.40	1065	480	3	0.11	<5	14	340	<20	0.53	<10
H741803 CRD		10	15.60	1430	<1	0.40	1075	480	<2	0.11	<5	15	342	<20	0.54	<10
H741804		10	16.05	1415	<1	0.24	1035	430	4	0.07	<5	15	246	<20	0.49	<10
H741805		10	16.70	1380	1	0.20	1055	440	<2	0.15	<5	13	162	<20	0.47	<10
H741806		10	15.70	1350	1	0.20	1030	400	5	0.20	<5	12	169	<20	0.44	<10
H741807		10	16.05	1360	1	0.29	1085	420	<2	0.11	<5	11	200	<20	0.45	<10
H741808		10	17.45	1440	<1	0.27	1170	400	2	0.12	<5	11	185	<20	0.43	<10
H741809		10	17.85	1430	<1	0.27	1410	360	2	0.18	<5	10	181	<20	0.38	<10
H741810		10	1.56	760	193	2.10	112	550	270	0.26	12	14	277	<20	0.32	<10
H741811		10	18.00	1435	<1	0.22	1410	340	2	0.28	<5	10	189	<20	0.35	<10
H741812		10	18.35	1425	1	0.24	1275	330	<2	0.17	<5	9	182	<20	0.35	<10
H741813		10	18.00	1395	<1	0.20	1275	310	4	0.36	<5	9	195	<20	0.32	<10
H741814		10	18.55	1410	1	0.21	1315	320	<2	0.10	<5	9	156	<20	0.34	<10
H741815		10	18.05	1365	1	0.21	1295	310	<2	0.24	<5	9	213	<20	0.33	<10
H741816		10	18.75	1445	1	0.23	1340	320	3	0.26	<5	9	180	<20	0.33	<10
H741817		10	17.80	1325	<1	0.12	1315	300	3	0.19	<5	8	108	<20	0.32	<10
H741818		10	18.25	1355	<1	0.10	1295	300	<2	0.13	<5	8	117	<20	0.31	<10
H741819		10	18.90	1395	<1	0.15	1345	300	2	0.24	<5	8	157	<20	0.31	<10
H741820		10	19.00	1405	<1	0.17	1340	300	3	0.13	<5	8	142	<20	0.31	<10
H741821		10	17.75	1325	1	0.18	1295	280	2	0.21	<5	8	139	<20	0.29	<10
H741822		10	18.80	1415	<1	0.21	1355	300	3	0.28	<5	8	149	<20	0.31	<10

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H741784		10	94	<10	29	<0.001	0.0013	0.001
H741785		<10	96	<10	31	<0.001	0.0033	0.003
H741786		<10	65	<10	33	0.001	0.0390	0.036
H741787		<10	67	<10	36	0.003	0.0760	0.075
H741788		10	173	<10	62	0.001	0.0110	0.005
H741789		10	149	<10	47	<0.001	0.0040	0.002
H741790		10	39	<10	32	0.013	0.0092	0.013
H741791		10	170	10	47	<0.001	0.0023	0.001
H741792		<10	151	<10	46	<0.001	0.0013	0.001
H741793		<10	138	<10	51	<0.001	0.0030	0.001
H741794		<10	223	<10	100	0.001	0.0104	0.005
H741795		<10	147	<10	211	0.019	0.317	0.321
H741796		<10	153	<10	103	0.006	0.110	0.104
H741797		<10	230	<10	264	<0.001	0.0017	0.001
H741798		<10	157	<10	132	0.004	0.0979	0.093
H741799		<10	132	<10	102	0.002	0.0419	0.038
H741800		10	15	<10	27	<0.001	<0.0005	<0.001
H741801		<10	128	<10	102	0.006	0.120	0.117
H741802		<10	126	<10	102	0.011	0.208	0.194
H741803		<10	125	<10	100	0.009	0.155	0.137
H741803 CRD		<10	127	<10	103	0.008	0.147	0.133
H741804		<10	117	<10	99	0.006	0.0999	0.090
H741805		<10	112	<10	101	0.006	0.104	0.087
H741806		<10	104	<10	116	0.002	0.0507	0.046
H741807		<10	105	<10	95	0.004	0.0728	0.066
H741808		<10	106	<10	102	0.003	0.0600	0.059
H741809		<10	97	<10	102	0.013	0.235	0.223
H741810		10	106	<10	384	0.369	0.0970	0.416
H741811		<10	93	<10	104	0.015	0.253	0.233
H741812		<10	91	<10	101	0.004	0.0943	0.083
H741813		<10	84	<10	98	0.005	0.0971	0.089
H741814		<10	85	<10	99	0.004	0.0829	0.072
H741815		<10	82	<10	98	0.006	0.0988	0.088
H741816		<10	82	<10	105	0.008	0.0969	0.086
H741817		<10	78	<10	92	0.005	0.0734	0.066
H741818		<10	78	<10	93	0.001	0.0390	0.034
H741819		<10	79	<10	100	0.004	0.0702	0.060
H741820		<10	80	<10	102	0.004	0.0736	0.070
H741821		<10	74	<10	94	0.012	0.191	0.175
H741822		<10	77	<10	100	0.007	0.126	0.114

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H741823		4.94	<0.5	1.15	8	60	<0.5	<2	1.43	<0.5	145	3030	563	10.25	<10	0.16
H741823 CRD		0.02	0.5	1.12	11	60	<0.5	<2	1.39	<0.5	143	3000	615	9.97	<10	0.15
H741824		5.01	<0.5	1.09	9	70	<0.5	<2	1.30	<0.5	136	3000	110	9.60	<10	0.14
H741825		4.86	<0.5	1.15	9	60	<0.5	<2	1.42	<0.5	141	3260	223	9.98	<10	0.16
H741826		4.82	<0.5	1.18	16	60	<0.5	<2	1.42	<0.5	148	3100	247	10.30	<10	0.18
H741827		4.76	<0.5	1.15	7	50	<0.5	<2	1.48	<0.5	143	2940	326	9.91	<10	0.13
H741828		4.83	<0.5	1.13	<5	60	<0.5	<2	1.41	<0.5	136	2860	192	9.54	<10	0.16
H741829		4.57	<0.5	1.16	5	50	<0.5	<2	1.41	<0.5	144	3090	100	10.05	<10	0.17
H741830		0.10	1.6	5.73	<5	740	0.7	<2	1.30	<0.5	78	109	3380	4.63	10	2.45
H741831		4.81	<0.5	1.18	<5	60	<0.5	<2	1.40	<0.5	146	3270	244	10.10	<10	0.17
H741832		4.59	0.5	1.17	9	60	<0.5	<2	1.43	<0.5	145	3470	196	10.20	<10	0.16
H741833		4.81	<0.5	1.12	6	60	<0.5	<2	1.38	<0.5	141	3250	194	9.80	<10	0.16
H741834		4.83	<0.5	1.19	8	50	<0.5	<2	1.49	<0.5	148	3370	328	10.10	<10	0.17
H741835		4.75	<0.5	1.20	15	60	<0.5	<2	1.61	<0.5	143	3440	460	9.82	<10	0.15
H741836		4.96	<0.5	1.20	12	50	<0.5	<2	1.47	<0.5	136	3180	290	9.44	<10	0.18
H741837		4.86	<0.5	1.27	5	60	<0.5	<2	1.59	<0.5	144	3440	164	9.71	<10	0.17
H741838		4.89	0.5	1.30	7	60	<0.5	<2	1.54	<0.5	138	3330	396	9.34	<10	0.18
H741839		5.02	<0.5	1.32	7	60	<0.5	<2	1.55	<0.5	133	3360	289	9.38	<10	0.19
H741840		0.09	<0.5	6.35	<5	900	1.0	<2	1.35	<0.5	3	21	17	1.56	10	2.07

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

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741823		10	19.15	1445	<1	0.22	1515	300	5	0.41	<5	8	147	<20	0.30	<10
H741823 CRD		10	18.60	1405	<1	0.21	1465	290	2	0.40	<5	8	143	<20	0.30	<10
H741824		10	18.10	1365	1	0.20	1305	270	<2	0.43	<5	8	135	<20	0.28	<10
H741825		10	18.90	1420	<1	0.19	1360	290	<2	0.46	<5	8	158	<20	0.30	<10
H741826		10	19.70	1470	1	0.16	1370	300	3	0.32	<5	8	166	<20	0.31	<10
H741827		10	19.05	1445	<1	0.13	1395	310	<2	0.21	<5	8	130	<20	0.30	<10
H741828		10	18.30	1360	<1	0.16	1260	280	4	0.20	<5	8	168	<20	0.30	<10
H741829		10	19.45	1430	<1	0.15	1360	280	2	0.18	<5	8	138	<20	0.31	<10
H741830		10	0.90	390	27	1.52	2480	330	10	2.17	<5	3	437	<20	0.09	<10
H741831		10	19.65	1435	<1	0.14	1380	290	<2	0.14	<5	8	140	<20	0.31	<10
H741832		10	19.75	1445	1	0.16	1360	290	<2	0.40	<5	8	139	<20	0.30	<10
H741833		10	19.15	1390	<1	0.14	1390	290	<2	0.23	<5	8	134	<20	0.29	<10
H741834		10	19.65	1435	<1	0.14	1480	300	<2	0.23	<5	9	144	<20	0.31	<10
H741835		10	19.15	1385	1	0.13	1535	300	3	0.50	<5	9	166	<20	0.30	<10
H741836		10	18.55	1330	1	0.17	1390	290	4	0.30	<5	8	154	<20	0.30	<10
H741837		10	19.60	1375	<1	0.18	1415	310	<2	0.10	<5	9	161	<20	0.33	<10
H741838		10	18.60	1315	1	0.22	1475	320	5	0.13	<5	9	154	<20	0.33	<10
H741839		10	18.45	1320	<1	0.23	1450	310	3	0.19	<5	9	167	<20	0.33	<10
H741840		10	0.23	569	1	2.64	5	180	9	<0.01	<5	5	177	<20	0.12	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 27-AUG-2009
Account: MGMAM

Project: SD09-139 BL

CERTIFICATE OF ANALYSIS TB09083461

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H741823		<10	78	<10	99	0.014	0.227	0.207
H741823 CRD		<10	78	<10	99	0.015	0.239	0.233
H741824		<10	76	<10	95	0.003	0.0650	0.054
H741825		<10	77	<10	97	0.005	0.0967	0.085
H741826		<10	79	<10	102	0.006	0.112	0.099
H741827		<10	76	<10	98	0.010	0.151	0.139
H741828		<10	74	<10	94	0.006	0.101	0.090
H741829		<10	78	<10	99	0.002	0.0599	0.049
H741830		<10	39	<10	36	0.013	0.0104	0.013
H741831		<10	78	<10	99	0.006	0.0952	0.089
H741832		<10	79	10	101	0.004	0.0756	0.067
H741833		<10	77	<10	99	0.005	0.0810	0.072
H741834		<10	82	<10	103	0.007	0.130	0.116
H741835		<10	81	<10	100	0.013	0.238	0.217
H741836		<10	79	<10	93	0.009	0.162	0.147
H741837		<10	86	<10	99	0.005	0.0917	0.081
H741838		<10	84	<10	95	0.012	0.217	0.193
H741839		<10	84	<10	95	0.008	0.160	0.147
H741840		10	16	<10	28	<0.001	<0.0005	<0.001

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

Finalized Date: 1-SEP-2009
Account: MGMAM

CERTIFICATE TB09084110

Project: SD09-141 BL

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 12-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 1-SEP-2009
Account: MGMAM

Project: SD09-141 BL

CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741894		6.77	<0.5	7.28	5	420	1.8	<2	0.34	<0.5	15	72	5	3.18	20	2.19
H741895		4.26	<0.5	7.27	5	480	2.2	<2	0.35	<0.5	14	87	4	3.26	20	2.76
H741896		4.69	<0.5	4.54	10	200	1.3	<2	0.66	<0.5	16	109	90	3.70	10	0.92
H741897		4.43	<0.5	6.63	6	530	1.4	<2	1.42	<0.5	21	115	8	5.35	10	1.44
H741898		4.17	<0.5	6.55	17	560	1.4	<2	1.38	<0.5	22	66	42	5.37	10	1.52
H741899		4.35	<0.5	7.08	15	600	1.7	<2	2.20	<0.5	20	37	1	5.94	10	1.54
H741900		2.15	<0.5	6.82	<5	480	1.8	<2	4.25	<0.5	18	18	166	5.50	10	1.56
H741901		4.59	<0.5	6.96	13	320	1.4	<2	2.24	<0.5	27	164	1	6.60	20	1.15
H741902		4.54	<0.5	6.83	17	230	1.7	<2	2.97	<0.5	33	37	142	6.41	10	0.86
H741903		5.36	<0.5	2.96	13	90	1.3	<2	8.49	0.5	45	387	393	7.60	<10	0.05
H741903 CRD		<0.02	0.7	2.95	9	90	1.3	<2	7.90	<0.5	45	427	424	7.64	<10	0.05
H741904		4.80	<0.5	3.55	9	60	1.1	<2	7.48	<0.5	34	606	199	5.51	10	0.27
H741905		3.66	<0.5	5.17	11	60	1.2	<2	5.66	0.6	33	534	172	6.90	10	0.22
H741906		3.98	0.9	2.51	15	280	0.6	<2	3.67	<0.5	105	1550	170	8.93	<10	0.25
H741907		4.92	<0.5	2.43	16	60	0.6	<2	3.70	<0.5	106	1660	296	9.51	<10	0.16
H741908		4.89	0.6	2.07	<5	90	<0.5	<2	3.42	<0.5	116	1950	309	9.85	<10	0.23
H741909		4.84	0.7	1.97	7	90	0.5	<2	3.14	<0.5	118	1990	434	10.00	<10	0.20
H741910		0.10	1.6	5.82	<5	670	0.7	<2	1.30	<0.5	77	107	3290	4.68	10	2.47
H741911		4.59	0.6	1.83	6	50	0.5	<2	3.88	<0.5	113	1860	303	9.76	<10	0.14
H741912		4.58	<0.5	1.81	9	80	0.5	<2	3.04	<0.5	120	2180	192	9.69	<10	0.18
H741913		4.84	0.5	1.87	27	100	0.5	<2	3.00	<0.5	120	2390	140	9.70	<10	0.20
H741914		4.68	0.6	1.75	<5	80	<0.5	<2	2.76	<0.5	125	2420	110	9.97	<10	0.20
H741915		4.74	0.8	1.70	10	90	<0.5	<2	2.65	1.0	127	2570	95	10.00	<10	0.20
H741916		4.77	<0.5	1.55	5	80	<0.5	<2	2.17	<0.5	131	2650	156	10.20	<10	0.21
H741917		4.97	<0.5	1.37	<5	60	<0.5	<2	2.03	<0.5	134	2720	161	10.15	<10	0.18
H741918		4.85	<0.5	1.36	19	60	<0.5	<2	2.15	<0.5	140	2780	551	10.20	<10	0.14
H741919		4.98	0.7	1.39	7	60	<0.5	<2	1.93	<0.5	142	2810	493	10.30	<10	0.15
H741920		0.07	<0.5	6.36	5	900	1.0	<2	1.34	<0.5	3	33	18	1.59	10	2.13
H741921		4.83	0.5	1.32	27	50	<0.5	<2	2.26	<0.5	140	2910	392	10.15	<10	0.15
H741922		4.77	0.8	1.38	24	80	<0.5	<2	1.69	<0.5	134	2770	495	9.90	<10	0.18
H741923		4.76	0.5	1.21	19	60	<0.5	<2	1.93	<0.5	135	2910	118	9.70	<10	0.16
H741923 CRD		0.06	<0.5	1.18	21	60	<0.5	<2	1.85	<0.5	132	2940	110	9.46	<10	0.15
H741924		4.75	<0.5	1.18	6	50	<0.5	<2	1.58	<0.5	133	2820	181	9.59	<10	0.13
H741925		2.13	<0.5	1.12	11	110	<0.5	<2	2.00	<0.5	128	2780	170	9.28	<10	0.11
H741926		5.02	0.7	1.22	7	60	<0.5	<2	1.50	<0.5	145	3070	496	10.30	<10	0.16
H741927		5.06	0.7	1.18	7	60	<0.5	<2	1.62	<0.5	141	3170	159	10.10	<10	0.13
H741928		2.45	<0.5	1.25	22	60	<0.5	<2	2.11	<0.5	149	3420	233	10.60	<10	0.14
H741929		2.46	0.6	1.24	7	60	<0.5	<2	1.53	<0.5	152	3290	186	10.80	<10	0.16
H741930		0.15	18.3	7.42	218	470	0.7	<2	3.31	3.3	14	98	344	4.37	10	0.87
H741931		4.99	0.6	1.17	<5	60	<0.5	<2	1.45	<0.5	146	3140	340	10.20	<10	0.16

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

Finalized Date: 1-SEP-2009
Account: MGMAM

Project: SD09-141 BL

CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741894		10	2.05	519	2	2.42	43	620	2	0.27	<5	8	146	<20	0.25	<10
H741895		10	2.36	490	<1	0.49	44	500	5	0.09	<5	9	50	<20	0.29	<10
H741896		20	2.29	492	<1	1.02	54	590	2	0.38	<5	10	44	<20	0.41	<10
H741897		20	2.80	743	<1	2.84	39	900	2	0.18	<5	16	135	<20	0.73	<10
H741898		20	2.63	692	<1	2.55	34	960	3	0.48	<5	15	124	<20	0.74	<10
H741899		30	2.58	790	<1	2.92	16	1020	3	0.22	<5	19	147	<20	0.94	<10
H741900		30	2.04	956	<1	2.99	11	1110	4	0.21	<5	17	144	<20	0.95	<10
H741901		30	3.19	878	<1	2.97	78	1170	<2	0.51	<5	15	104	<20	0.87	<10
H741902		20	3.63	1085	<1	2.85	40	1260	9	0.55	<5	19	116	<20	1.34	<10
H741903		10	8.23	2190	1	0.36	287	560	58	0.23	<5	45	87	<20	0.83	<10
H741903 CRD		10	8.26	2330	1	0.37	283	560	53	0.22	<5	46	88	<20	0.86	<10
H741904		20	6.90	1770	<1	1.28	184	750	3	0.32	<5	40	165	<20	0.78	<10
H741905		20	6.83	2660	<1	1.96	184	1050	88	0.54	<5	31	119	<20	1.36	<10
H741906		20	13.25	1590	<1	0.28	809	640	113	0.15	<5	16	218	<20	0.64	<10
H741907		20	14.00	1650	<1	0.27	850	550	10	0.41	<5	17	160	<20	0.64	<10
H741908		10	15.10	1455	<1	0.42	960	450	<2	0.07	<5	16	258	<20	0.56	<10
H741909		10	14.90	1445	<1	0.37	1030	460	2	0.23	<5	15	211	<20	0.58	<10
H741910		10	0.90	388	24	1.53	2370	320	8	2.10	<5	3	422	<20	0.10	<10
H741911		10	14.20	1390	<1	0.22	915	410	3	0.34	<5	18	121	<20	0.53	<10
H741912		10	15.40	1440	<1	0.23	978	400	4	0.26	<5	15	169	<20	0.47	<10
H741913		10	15.80	1435	<1	0.30	1010	420	3	0.57	<5	14	270	<20	0.48	<10
H741914		10	16.50	1505	<1	0.34	1060	440	9	0.14	<5	13	221	<20	0.48	<10
H741915		10	16.80	1475	<1	0.31	1080	380	21	0.29	<5	12	242	<20	0.46	<10
H741916		10	17.60	1485	<1	0.29	1160	370	<2	0.11	<5	11	189	<20	0.42	<10
H741917		10	17.85	1465	<1	0.25	1170	330	<2	0.12	<5	11	166	<20	0.37	<10
H741918		10	18.00	1485	<1	0.20	1360	330	<2	0.32	<5	10	171	<20	0.36	<10
H741919		10	18.45	1490	<1	0.22	1330	350	<2	0.19	<5	10	177	<20	0.36	<10
H741920		10	0.24	584	<1	2.69	3	190	8	<0.01	<5	5	173	<20	0.12	<10
H741921		10	18.50	1545	<1	0.16	1290	350	3	0.28	<5	8	151	<20	0.30	<10
H741922		10	17.90	1515	<1	0.21	1340	400	3	0.39	<5	5	184	<20	0.29	<10
H741923		10	18.30	1405	<1	0.20	1230	320	<2	0.36	<5	8	216	<20	0.28	<10
H741923 CRD		10	17.95	1375	<1	0.19	1210	320	3	0.34	<5	8	206	<20	0.28	<10
H741924		10	17.95	1370	<1	0.14	1220	310	2	0.23	<5	8	129	<20	0.32	<10
H741925		10	17.70	1365	<1	0.10	1170	290	<2	0.29	<5	8	127	<20	0.30	<10
H741926		10	19.25	1475	<1	0.14	1410	310	<2	0.22	<5	9	145	<20	0.33	<10
H741927		10	19.15	1450	<1	0.16	1320	290	2	0.29	<5	9	142	<20	0.32	<10
H741928		10	20.4	1555	<1	0.19	1430	310	2	0.63	<5	9	207	<20	0.33	<10
H741929		10	20.7	1560	<1	0.24	1400	320	<2	0.14	<5	9	177	<20	0.34	<10
H741930		10	1.52	792	191	2.06	108	570	258	0.29	11	14	266	<20	0.31	<10
H741931		10	19.40	1480	<1	0.20	1400	300	3	0.22	<5	9	153	<20	0.32	<10

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

Finalized Date: 1-SEP-2009
Account: MGMAM

Project: SD09-141 BL

CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741894		10	75	<10	25	0.002	0.0016	0.001			
H741895		<10	86	<10	29	0.002	0.0033	0.003			
H741896		<10	102	<10	35	0.004	0.0618	0.055			
H741897		<10	171	<10	62	0.002	0.0098	0.005			
H741898		<10	165	<10	56	0.002	0.0068	0.003			
H741899		10	208	<10	61	0.001	0.0007	<0.001			
H741900		<10	204	<10	62	0.001	0.0005	<0.001			
H741901		<10	192	<10	75	0.001	0.0013	0.001			
H741902		<10	288	<10	82	0.001	0.0010	0.001			
H741903		<10	213	<10	138	0.003	0.0117	0.005			
H741903 CRD		<10	217	<10	168	0.003	0.0130	0.007			
H741904		<10	173	<10	37	0.001	<0.0005	<0.001			
H741905		<10	240	<10	199	0.002	0.0023	0.002			
H741906		<10	140	<10	151	0.004	0.0435	0.040			
H741907		<10	137	<10	121	0.007	0.0839	0.078			
H741908		<10	126	<10	98	0.008	0.108	0.095			
H741909		<10	137	<10	101	0.013	0.192	0.173			
H741910		<10	39	<10	37	0.015	0.0096	0.013			
H741911		<10	135	<10	86	0.009	0.133	0.115			
H741912		<10	117	<10	101	0.006	0.0848	0.074			
H741913		<10	115	<10	98	0.005	0.0644	0.055			
H741914		<10	114	<10	121	0.004	0.0551	0.046			
H741915		<10	108	<10	166	0.003	0.0434	0.040			
H741916		<10	105	<10	101	0.005	0.0756	0.068			
H741917		<10	97	<10	101	0.005	0.0700	0.064			
H741918		<10	93	<10	102	0.016	0.227	0.208			
H741919		<10	92	<10	101	0.013	0.185	0.176			
H741920		10	16	<10	26	0.001	<0.0005	<0.001			
H741921		<10	72	<10	118	0.010	0.159	0.145			
H741922		10	59	<10	116	0.015	0.206	0.194			
H741923		<10	71	<10	95	0.004	0.0649	0.054			
H741923 CRD		<10	70	<10	93	0.005	0.0657	0.055			
H741924		<10	79	<10	95	0.006	0.0899	0.078			
H741925		<10	77	<10	91	0.005	0.0755	0.070			
H741926		<10	83	<10	98	0.013	0.186	0.167			
H741927		<10	83	<10	97	0.005	0.0793	0.067			
H741928		<10	86	<10	108	0.007	0.0772	0.067			
H741929		<10	87	<10	107	0.006	0.0800	0.066			
H741930		10	108	<10	383	0.373	0.0966	0.417			
H741931		<10	81	<10	102	0.012	0.149	0.132			

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

Finalized Date: 1-SEP-2009
Account: MGMAM

Project: SD09-141 BL

CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741932		4.84	0.6	1.20	8	60	<0.5	<2	1.48	<0.5	148	3260	164	10.65	<10	0.17
H741933		4.74	0.9	1.13	9	60	<0.5	<2	1.41	<0.5	138	3010	454	9.98	<10	0.15
H741934		4.92	<0.5	1.15	6	50	<0.5	<2	1.42	<0.5	143	3000	308	10.35	<10	0.17
H741935		4.84	<0.5	1.12	6	60	<0.5	<2	1.42	<0.5	139	3100	156	10.05	<10	0.16
H741936		4.87	<0.5	1.12	5	50	<0.5	<2	1.38	<0.5	142	3080	180	10.20	<10	0.17
H741937		4.69	<0.5	1.13	5	60	<0.5	<2	1.45	<0.5	143	2940	143	10.25	<10	0.15
H741938		2.34	0.8	1.13	9	70	<0.5	<2	1.40	<0.5	141	2950	217	10.00	<10	0.17
H741939		2.61	0.9	1.11	9	70	<0.5	<2	1.38	<0.5	138	2980	160	9.80	<10	0.16
H741940		2.18	<0.5	1.13	9	50	<0.5	<2	1.40	<0.5	141	2920	161	9.95	<10	0.16
H741941		4.67	<0.5	1.13	<5	50	<0.5	<2	1.37	<0.5	140	3030	172	9.85	<10	0.16
H741942		4.80	<0.5	1.15	6	50	<0.5	<2	1.39	<0.5	142	3100	171	10.05	<10	0.17
H741943		4.81	<0.5	1.16	8	50	<0.5	<2	1.48	<0.5	145	3230	212	10.10	<10	0.15
H741943 CRD		0.02	0.8	1.16	6	50	<0.5	<2	1.50	<0.5	146	3270	235	10.25	<10	0.15
H741944		4.89	<0.5	1.13	7	50	<0.5	<2	1.50	<0.5	145	3330	187	10.15	<10	0.15
H741945		5.00	0.8	1.16	<5	50	<0.5	<2	1.46	<0.5	142	3280	193	10.05	<10	0.16
H741946		4.89	0.6	1.15	<5	60	<0.5	<2	1.45	<0.5	142	3330	231	9.93	<10	0.17
H741947		4.84	0.6	1.17	8	60	<0.5	<2	1.46	<0.5	141	3390	322	9.75	<10	0.17
H741948		4.77	0.6	1.16	6	60	<0.5	<2	1.61	<0.5	141	3280	278	9.74	<10	0.18
H741949		4.75	0.8	1.29	<5	60	<0.5	<2	1.56	<0.5	142	3510	140	9.79	<10	0.17
H741950		0.10	1.6	6.03	<5	820	0.7	<2	1.34	<0.5	81	114	3410	4.87	10	2.57
H741951		4.90	0.5	1.30	<5	60	<0.5	<2	1.60	<0.5	138	3460	176	9.82	<10	0.18
H741952		4.76	<0.5	1.32	<5	60	<0.5	<2	1.58	<0.5	136	3600	248	9.76	<10	0.17
H741953		4.92	<0.5	1.26	9	60	<0.5	<2	1.57	<0.5	143	4320	455	10.20	<10	0.13
H741954		4.87	<0.5	1.29	6	60	<0.5	<2	1.53	<0.5	143	3570	113	10.30	<10	0.15
H741955		4.70	0.7	1.32	<5	60	<0.5	<2	1.65	<0.5	145	3650	207	10.55	<10	0.15
H741956		5.05	0.5	1.33	7	50	<0.5	<2	1.83	<0.5	143	3280	407	10.05	<10	0.11
H741957		4.11	0.6	1.26	9	40	<0.5	<2	1.89	<0.5	135	3340	136	9.44	<10	0.08
H741958		4.00	<0.5	1.21	13	260	<0.5	<2	1.95	<0.5	131	3050	160	9.06	<10	0.07
H741959		4.65	0.7	1.29	5	40	<0.5	<2	1.82	<0.5	135	2920	340	9.53	<10	0.09
H741960		0.09	<0.5	6.15	6	1000	1.1	<2	1.39	<0.5	3	35	18	1.71	10	2.38
H741961		4.95	0.6	1.28	16	50	<0.5	<2	2.07	<0.5	129	2900	373	9.39	<10	0.09
H741962		4.33	0.6	1.33	8	60	<0.5	<2	1.78	<0.5	135	3210	208	9.80	<10	0.09
H741963		3.71	<0.5	1.31	5	30	<0.5	<2	1.51	<0.5	141	3380	119	10.10	<10	0.09
H741963 CRD		0.02	<0.5	1.34	6	20	<0.5	<2	1.60	<0.5	145	3440	124	10.40	<10	0.09
H741964		4.58	0.5	1.31	<5	40	<0.5	<2	1.64	<0.5	139	3100	207	9.95	<10	0.10
H741965		4.77	0.7	1.32	<5	40	<0.5	<2	1.60	<0.5	142	2910	667	9.91	<10	0.10
H741966		4.76	0.6	1.38	6	50	<0.5	<2	1.81	<0.5	141	2940	297	9.92	<10	0.11
H741967		4.88	1.0	1.36	<5	60	<0.5	<2	1.63	<0.5	139	2860	454	9.84	<10	0.12
H741968		4.42	0.7	1.29	<5	40	<0.5	<2	1.64	<0.5	135	2800	729	9.28	<10	0.10
H741969		4.54	1.5	1.28	<5	20	<0.5	<2	1.68	<0.5	158	3040	2300	9.91	<10	0.08

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Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H741932		10	19.95	1535	<1	0.19	1370	310	2	0.16	<5	9	152	<20	0.33	<10
H741933		10	18.55	1430	<1	0.22	1340	290	2	0.25	<5	8	148	<20	0.30	<10
H741934		10	19.25	1490	<1	0.18	1430	300	2	0.27	<5	8	145	<20	0.31	<10
H741935		10	18.90	1450	<1	0.16	1350	280	<2	0.19	<5	8	148	<20	0.30	<10
H741936		10	19.20	1465	<1	0.14	1300	280	2	0.12	<5	8	137	<20	0.29	<10
H741937		10	19.45	1490	<1	0.16	1300	290	<2	0.13	<5	8	151	<20	0.29	<10
H741938		10	18.95	1460	<1	0.16	1290	290	4	0.66	<5	8	147	<20	0.29	<10
H741939		10	18.80	1440	<1	0.17	1270	290	4	0.77	<5	8	138	<20	0.29	<10
H741940		10	19.00	1435	<1	0.17	1300	290	<2	0.28	<5	8	140	<20	0.30	<10
H741941		10	18.90	1415	<1	0.14	1300	280	<2	0.13	<5	8	133	<20	0.30	<10
H741942		10	19.45	1445	<1	0.16	1310	280	<2	0.21	<5	8	135	<20	0.29	<10
H741943		10	19.50	1460	<1	0.14	1360	280	4	0.41	<5	9	150	<20	0.30	<10
H741943 CRD		10	19.75	1475	<1	0.14	1380	290	3	0.46	<5	8	158	<20	0.30	<10
H741944		10	19.60	1455	<1	0.12	1380	290	<2	0.26	<5	9	141	<20	0.30	<10
H741945		10	19.45	1440	<1	0.14	1370	280	<2	0.17	<5	9	134	<20	0.30	<10
H741946		10	19.20	1420	<1	0.15	1340	280	<2	0.16	<5	9	137	<20	0.30	<10
H741947		10	19.25	1395	<1	0.15	1420	280	4	0.33	<5	9	139	<20	0.30	<10
H741948		10	19.45	1405	<1	0.18	1450	310	<2	0.23	<5	7	168	<20	0.32	<10
H741949		10	19.50	1405	<1	0.18	1390	310	<2	0.11	<5	9	147	<20	0.34	<10
H741950		10	0.95	404	25	1.60	2460	340	9	2.21	<5	3	434	<20	0.10	<10
H741951		10	19.55	1410	<1	0.21	1420	310	<2	0.10	<5	9	153	<20	0.33	<10
H741952		10	18.90	1395	<1	0.23	1500	330	2	0.12	<5	9	156	<20	0.34	<10
H741953		10	19.40	1460	<1	0.16	1680	310	3	0.31	<5	9	157	<20	0.31	<10
H741954		10	19.80	1480	<1	0.19	1470	320	<2	0.14	<5	9	155	<20	0.33	10
H741955		10	19.90	1510	<1	0.26	1450	330	<2	0.10	<5	10	156	<20	0.35	<10
H741956		10	18.95	1425	<1	0.17	1450	330	2	0.30	<5	9	159	<20	0.34	<10
H741957		10	18.15	1385	<1	0.07	1280	300	2	0.25	<5	9	79	<20	0.33	<10
H741958		10	17.45	1275	<1	0.06	1240	300	<2	0.34	<5	8	92	<20	0.30	<10
H741959		10	18.25	1350	<1	0.08	1340	330	<2	0.30	<5	9	89	<20	0.32	<10
H741960		10	0.25	644	<1	3.05	4	200	9	<0.01	<5	5	182	<20	0.14	<10
H741961		10	17.45	1390	<1	0.08	1350	320	4	0.44	<5	9	111	<20	0.32	<10
H741962		10	18.15	1480	<1	0.07	1360	330	<2	0.32	<5	9	69	<20	0.34	<10
H741963		10	18.55	1415	<1	0.06	1340	330	<2	0.16	<5	9	53	<20	0.35	<10
H741963 CRD		10	19.15	1455	<1	0.06	1390	340	3	0.17	<5	10	57	<20	0.36	<10
H741964		10	18.35	1430	<1	0.10	1320	320	2	0.15	<5	9	98	<20	0.34	<10
H741965		10	18.20	1410	<1	0.09	1460	330	2	0.22	<5	9	95	<20	0.35	<10
H741966		10	18.65	1415	<1	0.14	1310	340	2	0.23	<5	9	150	<20	0.34	<10
H741967		10	18.45	1390	<1	0.14	1370	340	2	0.17	<5	9	127	<20	0.36	<10
H741968		10	17.30	1320	<1	0.09	1380	320	2	0.28	<5	9	94	<20	0.34	<10
H741969		10	17.35	1300	<1	0.07	2110	310	5	0.76	<5	9	83	<20	0.33	<10

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

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

Finalized Date: 1-SEP-2009
Account: MGMAM

Project: SD09-141 BL

CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H741932		<10	85	<10	104	0.005	0.0804	0.066			
H741933		<10	79	<10	98	0.018	0.218	0.191			
H741934		<10	80	<10	100	0.014	0.143	0.129			
H741935		<10	77	<10	98	0.008	0.0936	0.077			
H741936		<10	77	<10	98	0.007	0.0908	0.074			
H741937		<10	77	<10	101	0.007	0.0700	0.059			
H741938		<10	75	<10	97	0.009	0.107	0.094			
H741939		<10	75	<10	102	0.007	0.0827	0.071			
H741940		10	75	<10	96	0.007	0.0891	0.073			
H741941		<10	76	<10	94	0.007	0.0853	0.076			
H741942		<10	76	<10	99	0.007	0.0721	0.062			
H741943		<10	78	<10	98	0.007	0.0936	0.080			
H741943 CRD		<10	79	<10	101	0.009	0.0970	0.087			
H741944		<10	78	<10	99	0.007	0.0812	0.072			
H741945		<10	80	<10	97	0.008	0.0871	0.074			
H741946		10	82	<10	95	0.009	0.131	0.110			
H741947		<10	80	<10	96	0.011	0.157	0.139			
H741948		<10	85	<10	96	0.011	0.151	0.125			
H741949		<10	86	<10	96	0.006	0.0955	0.078			
H741950		10	41	<10	37	0.016	0.0097	0.013			
H741951		<10	87	<10	96	0.007	0.109	0.088			
H741952		<10	90	<10	98	0.010	0.154	0.126			
H741953		<10	92	<10	102	0.017	0.232	0.194			
H741954		<10	88	<10	103	0.005	0.0669	0.051			
H741955		<10	91	<10	102	0.008	0.113	0.092			
H741956		<10	90	<10	99	0.016	0.217	0.187			
H741957		<10	85	<10	108	0.006	0.0785	0.062			
H741958		<10	79	<10	127	0.007	0.0882	0.074			
H741959		<10	82	<10	94	0.013	0.169	0.153			
H741960		10	18	<10	29	0.001	0.0006	<0.001			
H741961		<10	82	<10	134	0.013	0.166	0.152			
H741962		10	88	<10	112	0.010	0.119	0.100			
H741963		<10	90	<10	99	0.005	0.0692	0.056			
H741963 CRD		<10	91	<10	106	0.005	0.0666	0.055			
H741964		<10	86	<10	100	0.008	0.112	0.093			
H741965		<10	84	<10	106	0.024	0.317	0.289			
H741966		<10	86	<10	101	0.010	0.133	0.115			
H741967		<10	83	<10	92	0.017	0.213	0.188			
H741968		<10	80	<10	90	0.025	0.328	0.308			
H741969		<10	81	<10	87	0.076	>1.00	>1.00	0.07	1.09	1.07

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

Finalized Date: 1-SEP-2009
Account: MGMAM

Project: SD09-141 BL

CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H741970		0.09	0.9	6.75	1005	270	<0.5	<2	5.63	<0.5	32	512	270	5.38	10	0.78
H741971		2.56	1.9	1.41	9	20	<0.5	<2	1.98	<0.5	163	3280	2240	10.35	<10	0.09
H741972		1.83	1.8	1.43	56	10	<0.5	<2	3.05	<0.5	159	3000	2070	10.45	<10	0.06
H741973		1.88	1.1	1.35	12	40	<0.5	<2	2.98	<0.5	137	3110	1095	9.20	<10	0.06

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CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method Analyte Units LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H741970		<10	2.86	595	6	1.14	778	300	20	0.64	7	6	174	<20	0.16	<10
H741971		10	18.35	1345	<1	0.08	2070	330	2	0.87	<5	9	110	<20	0.34	<10
H741972		10	17.95	1505	<1	0.05	2070	350	4	1.23	<5	9	124	<20	0.32	<10
H741973		10	17.35	1345	<1	0.05	1570	310	2	0.74	<5	9	109	<20	0.32	<10

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Finalized Date: 1-SEP-2009
Account: MGMAM

Project: SD09-141 BL

CERTIFICATE OF ANALYSIS TB09084110

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H741970		<10	68	<10	43	>1.00	>1.00	>1.00	1.02	1.25	4.72
H741971		<10	86	<10	96	0.070	>1.00	0.934	0.07	1.02	0.98
H741972		<10	84	<10	107	0.063	0.957	0.847			
H741973		<10	82	<10	80	0.036	0.507	0.452			

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

Finalized Date: 4-SEP-2009
Account: MGMAM

CERTIFICATE TB09085368

Project: SD09-143 BL

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
SPL-34	Pulp Splitting Charge
CRU-31	Fine crushing - 70% <2mm
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
DRY-21	High Temperature Drying

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742015	4.31	<0.5	7.50	5	790	2.6	<2	1.07	<0.5	19	116	32	4.04	20	1.64
H742016	4.46	<0.5	7.53	6	720	2.8	<2	0.61	<0.5	19	116	74	3.75	20	2.48
H742017	4.29	<0.5	4.71	15	290	2.3	<2	0.39	<0.5	16	108	16	3.27	10	1.18
H742018	4.31	<0.5	6.43	45	830	1.7	<2	0.63	<0.5	25	149	48	5.12	20	1.01
H742019	4.19	<0.5	7.24	23	520	1.8	<2	2.00	<0.5	18	42	13	5.05	20	1.59
H742020	2.00	<0.5	6.99	24	290	1.7	<2	2.99	<0.5	21	22	497	5.10	20	1.35
H742021	4.16	<0.5	7.27	28	260	1.7	<2	2.62	0.7	17	13	148	4.91	20	1.36
H742022	4.71	<0.5	6.86	59	170	2.3	<2	2.52	0.7	57	75	350	8.06	20	0.59
H742023	4.33	0.7	2.46	17	80	0.8	<2	4.89	0.5	107	1180	786	9.27	<10	0.18
H742023 CRD	<0.02	0.8	2.51	18	80	0.9	<2	4.95	0.5	109	1185	813	9.43	<10	0.18
H742024	2.92	0.5	2.38	5	140	0.6	<2	3.93	<0.5	110	1530	383	9.48	10	0.34
H742025	2.36	1.4	2.65	<5	150	0.7	<2	3.84	<0.5	124	1720	1510	10.00	10	0.38
H742026	2.61	0.9	2.75	13	130	0.7	<2	3.98	<0.5	115	1750	914	9.82	10	0.31
H742027	1.30	0.6	7.02	26	110	1.0	<2	7.62	<0.5	39	70	91	6.94	10	0.22
H742028	2.91	0.6	2.70	5	150	0.7	<2	4.02	<0.5	116	1890	742	10.30	10	0.30
H742029	4.99	0.6	2.39	5	120	0.6	<2	3.32	<0.5	122	1985	771	9.96	10	0.29
H742030	0.10	0.9	8.55	<5	70	<0.5	<2	6.63	<0.5	97	426	3420	6.10	10	0.37
H742031	2.35	0.9	2.83	49	100	0.7	<2	4.77	2.1	108	1795	978	9.21	10	0.24
H742032	4.82	0.6	2.31	<5	110	0.6	<2	3.05	<0.5	122	2030	662	10.00	10	0.25
H742033	4.88	<0.5	2.09	17	110	0.5	<2	3.14	<0.5	124	2370	288	10.30	10	0.23
H742034	4.64	<0.5	1.78	5	90	<0.5	<2	3.30	<0.5	122	2120	235	9.87	<10	0.19
H742035	4.54	0.5	1.81	7	80	<0.5	<2	3.14	<0.5	130	2290	233	10.30	<10	0.21
H742036	4.72	<0.5	1.68	7	80	<0.5	<2	2.77	<0.5	131	2530	147	10.35	<10	0.20
H742037	4.79	<0.5	1.62	<5	70	<0.5	<2	2.63	<0.5	133	2750	149	10.55	<10	0.21
H742038	4.81	<0.5	1.63	5	80	<0.5	<2	2.42	<0.5	143	2840	139	10.85	<10	0.21
H742039	4.88	<0.5	1.58	5	90	<0.5	<2	2.16	<0.5	138	2840	141	10.55	<10	0.20
H742040	0.09	<0.5	6.30	<5	900	1.0	<2	1.34	<0.5	2	29	15	1.57	10	1.96
H742041	4.76	<0.5	1.52	<5	80	<0.5	<2	1.93	<0.5	144	2810	202	10.45	<10	0.21
H742042	4.63	<0.5	1.49	8	70	<0.5	<2	1.80	<0.5	143	2880	121	10.25	<10	0.19
H742043	4.99	<0.5	1.50	<5	70	<0.5	<2	1.77	<0.5	145	2920	143	10.50	10	0.19
H742043 CRD	<0.02	<0.5	1.46	6	70	<0.5	<2	1.72	<0.5	143	2960	133	10.35	<10	0.18
H742044	4.70	<0.5	1.13	20	60	<0.5	<2	1.72	<0.5	148	3100	274	10.30	<10	0.16
H742045	4.72	<0.5	1.33	9	70	<0.5	<2	1.61	<0.5	148	3060	99	10.40	<10	0.17
H742046	4.45	<0.5	1.27	6	60	<0.5	<2	1.56	<0.5	145	2990	162	10.00	10	0.12
H742047	4.38	<0.5	1.24	<5	60	<0.5	<2	1.63	<0.5	143	3110	157	9.81	10	0.12
H742048	4.68	<0.5	1.21	<5	60	<0.5	<2	1.57	<0.5	151	3170	113	10.15	<10	0.15
H742049	4.68	<0.5	1.16	6	60	<0.5	<2	1.55	<0.5	150	3090	125	10.20	<10	0.14
H742050	0.10	<0.5	6.63	<5	60	<0.5	<2	4.80	<0.5	77	3310	662	6.33	10	0.15
H742051	4.74	0.6	1.13	5	60	<0.5	<2	1.47	<0.5	153	3100	574	10.35	10	0.14
H742052	4.73	0.5	1.12	10	60	<0.5	<2	1.45	<0.5	153	3090	345	10.45	<10	0.14

***** See Appendix Page for comments regarding this certificate *****

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Account: MGMAM

Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742015		20	1.94	638	1	2.62	61	820	2	0.21	<5	11	334	<20	0.35	<10
H742016		10	1.96	579	1	2.21	69	840	2	0.27	<5	13	189	<20	0.37	<10
H742017		20	2.42	430	1	0.76	77	680	<2	0.38	<5	8	45	<20	0.26	<10
H742018		30	3.27	559	1	2.32	82	890	<2	1.58	<5	16	87	<20	0.62	<10
H742019		30	2.77	809	1	2.81	18	1310	<2	0.48	<5	16	88	<20	0.91	<10
H742020		30	2.70	932	1	2.68	10	1450	12	0.80	<5	15	68	<20	1.01	<10
H742021		40	2.68	866	7	2.99	3	1880	636	0.72	<5	13	72	<20	1.08	<10
H742022		30	4.35	1200	1	2.42	131	1350	100	1.39	<5	19	109	<20	1.45	<10
H742023		10	12.95	1560	<1	0.26	929	550	66	0.32	<5	22	182	<20	0.63	<10
H742023 CRD		10	13.10	1590	<1	0.26	954	550	65	0.33	<5	22	189	<20	0.65	<10
H742024		10	13.75	1370	<1	0.45	817	590	2	0.15	<5	18	341	<20	0.61	<10
H742025		10	13.80	1375	1	0.55	1270	580	5	0.34	<5	17	356	<20	0.66	<10
H742026		10	13.20	1335	<1	0.48	1100	510	<2	0.52	<5	18	261	<20	0.60	<10
H742027		10	4.08	1675	<1	2.23	90	750	14	0.61	<5	23	406	<20	2.32	<10
H742028		10	13.75	1445	<1	0.58	1020	600	2	0.39	<5	19	310	<20	0.72	10
H742029		10	15.00	1410	<1	0.50	1130	610	<2	0.24	<5	16	307	<20	0.62	<10
H742030		<10	5.94	785	2	1.08	2960	90	5	1.57	<5	15	82	<20	0.12	<10
H742031		10	13.10	1370	<1	0.49	1050	620	31	0.84	<5	17	266	<20	0.74	<10
H742032		10	15.65	1435	<1	0.60	1150	540	2	0.16	<5	14	287	<20	0.60	<10
H742033		10	16.35	1485	<1	0.47	1070	480	2	0.20	<5	15	282	<20	0.57	10
H742034		10	15.40	1430	1	0.41	1010	410	2	0.07	<5	16	219	<20	0.53	<10
H742035		10	16.75	1485	1	0.40	1130	420	<2	0.06	<5	15	231	<20	0.51	10
H742036		10	17.20	1495	<1	0.40	1140	400	<2	0.07	<5	14	198	<20	0.47	<10
H742037		10	17.95	1520	<1	0.38	1190	390	<2	0.07	<5	13	206	<20	0.44	10
H742038		10	18.70	1550	<1	0.39	1270	390	<2	0.11	<5	12	203	<20	0.44	<10
H742039		10	18.55	1505	<1	0.37	1270	390	3	0.15	<5	11	201	<20	0.41	<10
H742040		10	0.24	573	1	2.56	3	180	7	<0.01	<5	5	172	<20	0.11	<10
H742041		10	18.90	1490	1	0.30	1310	390	2	0.13	<5	11	174	<20	0.40	<10
H742042		10	18.80	1470	<1	0.30	1330	380	<2	0.14	<5	10	178	<20	0.39	10
H742043		10	19.40	1505	1	0.29	1340	380	<2	0.04	<5	10	178	<20	0.39	<10
H742043 CRD		10	19.05	1475	1	0.28	1320	370	<2	0.04	<5	10	174	<20	0.39	<10
H742044		10	18.65	1480	<1	0.23	1360	380	3	0.22	<5	5	197	<20	0.38	<10
H742045		10	19.30	1485	<1	0.19	1350	330	<2	0.12	<5	9	176	<20	0.35	<10
H742046		10	19.25	1450	<1	0.14	1350	330	3	0.21	<5	9	135	<20	0.33	<10
H742047		10	19.05	1380	<1	0.19	1330	310	<2	0.14	<5	9	158	<20	0.32	<10
H742048		10	19.40	1440	<1	0.22	1370	310	<2	0.16	<5	9	149	<20	0.32	<10
H742049		10	19.50	1455	<1	0.18	1340	300	<2	0.12	<5	9	146	<20	0.32	<10
H742050		<10	10.05	1115	<1	0.77	1400	150	3	0.32	10	19	183	<20	0.11	<10
H742051		10	19.65	1460	<1	0.20	1420	290	<2	0.14	<5	9	135	<20	0.30	<10
H742052		10	20.1	1485	<1	0.23	1470	290	2	0.25	<5	8	139	<20	0.28	<10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742015		<10	95	<10	61	0.002	0.0014	0.001			
H742016		<10	108	<10	58	0.002	0.0018	0.001			
H742017		<10	71	<10	49	0.004	0.0606	0.055			
H742018		<10	146	<10	54	0.006	0.0425	0.038			
H742019		<10	183	<10	66	0.002	0.0033	0.001			
H742020		<10	174	<10	60	0.001	0.0009	<0.001			
H742021		<10	132	<10	84	0.001	0.0009	<0.001			
H742022		<10	273	<10	118	0.007	0.0386	0.022			
H742023		<10	138	<10	159	0.023	0.262	0.250			
H742023 CRD		<10	142	<10	158	0.023	0.266	0.248			
H742024		<10	138	<10	97	0.010	0.150	0.135			
H742025		<10	142	<10	100	0.039	0.612	0.592			
H742026		<10	146	<10	111	0.026	0.416	0.386			
H742027		<10	337	<10	109	0.002	0.0059	0.004			
H742028		<10	176	<10	106	0.021	0.330	0.312			
H742029		<10	137	<10	100	0.021	0.336	0.293			
H742030		10	76	<10	63	0.060	0.193	0.674			
H742031		<10	150	<10	499	0.022	0.323	0.302			
H742032		<10	134	<10	102	0.015	0.195	0.177			
H742033		<10	140	<10	108	0.007	0.0898	0.073			
H742034		<10	133	<10	106	0.006	0.0656	0.053			
H742035		<10	128	<10	107	0.007	0.0759	0.063			
H742036		<10	117	<10	105	0.005	0.0572	0.041			
H742037		<10	112	<10	106	0.005	0.0523	0.046			
H742038		<10	111	<10	120	0.005	0.0599	0.049			
H742039		<10	101	<10	104	0.011	0.138	0.088			
H742040		10	15	<10	26	0.001	0.0006	<0.001			
H742041		<10	98	<10	102	0.008	0.0885	0.072			
H742042		<10	96	<10	103	0.005	0.0759	0.062			
H742043		<10	96	<10	105	0.005	0.0882	0.073			
H742043 CRD		<10	94	<10	103	0.005	0.0793	0.067			
H742044		<10	93	<10	115	0.010	0.155	0.129			
H742045		<10	88	<10	107	0.004	0.0605	0.049			
H742046		<10	84	<10	101	0.006	0.0672	0.056			
H742047		<10	83	<10	95	0.007	0.0838	0.071			
H742048		<10	85	<10	101	0.005	0.0686	0.060			
H742049		<10	83	<10	102	0.005	0.0721	0.067			
H742050		10	110	<10	286	0.042	0.463	0.208			
H742051		10	80	<10	102	0.015	0.253	0.229			
H742052		<10	77	<10	104	0.010	0.134	0.125			

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742053		4.70	<0.5	1.07	12	50	<0.5	<2	1.33	<0.5	145	3180	212	9.94	<10	0.14
H742054		4.74	<0.5	1.12	9	50	<0.5	<2	1.36	<0.5	152	3030	206	10.20	<10	0.14
H742055		4.61	<0.5	1.15	8	60	<0.5	<2	1.42	<0.5	151	3010	193	10.25	<10	0.16
H742056		2.42	<0.5	1.17	10	90	<0.5	<2	1.45	<0.5	152	3000	132	10.30	<10	0.14
H742057		1.93	<0.5	1.13	11	50	<0.5	<2	1.47	<0.5	146	2980	154	9.87	<10	0.11
H742058		4.45	<0.5	1.17	6	50	<0.5	<2	1.44	<0.5	151	3030	246	10.10	10	0.15
H742059		4.73	<0.5	1.20	7	50	<0.5	<2	1.47	<0.5	150	3140	203	10.20	<10	0.17
H742060		2.30	<0.5	1.20	10	70	<0.5	<2	1.53	<0.5	145	3270	136	10.05	<10	0.18
H742061		2.39	<0.5	1.24	10	80	<0.5	<2	1.54	<0.5	147	3220	250	10.00	<10	0.19
H742062		2.37	0.5	1.27	6	60	<0.5	<2	1.53	<0.5	144	3180	206	9.84	<10	0.19
H742063		2.43	<0.5	1.25	28	90	<0.5	<2	1.55	<0.5	142	3440	223	9.60	10	0.18
H742063 CRD		<0.02	<0.5	1.26	25	90	<0.5	<2	1.56	<0.5	142	3420	220	9.56	<10	0.18
H742064		4.75	<0.5	1.34	<5	50	<0.5	<2	1.58	<0.5	145	3210	153	9.61	10	0.22
H742065		4.87	<0.5	1.44	13	70	<0.5	<2	1.64	<0.5	145	3280	152	9.78	<10	0.21
H742066		4.87	<0.5	1.44	8	60	<0.5	<2	1.63	<0.5	140	3590	186	9.88	<10	0.20
H742067		4.95	<0.5	1.43	<5	60	<0.5	<2	1.62	<0.5	144	4140	165	10.05	<10	0.19
H742068		4.99	<0.5	1.47	<5	70	<0.5	<2	1.69	<0.5	145	3660	152	10.25	10	0.18
H742069		4.76	<0.5	1.49	<5	70	<0.5	<2	1.72	<0.5	147	3260	114	10.20	<10	0.18
H742070		0.10	1.4	6.00	<5	810	0.7	<2	1.35	<0.5	82	106	3490	4.77	10	2.55
H742071		4.92	<0.5	1.55	<5	70	<0.5	<2	1.72	<0.5	143	3250	219	9.95	<10	0.19
H742072		5.00	<0.5	1.55	7	70	<0.5	<2	1.67	<0.5	135	2750	96	9.33	10	0.15
H742073		4.77	<0.5	1.52	8	70	<0.5	<2	1.68	<0.5	138	2920	107	9.67	<10	0.17
H742074		4.91	<0.5	1.51	<5	70	<0.5	<2	1.72	<0.5	140	3210	86	10.05	<10	0.17
H742075		5.01	<0.5	1.55	5	70	<0.5	<2	1.71	<0.5	142	2980	158	10.05	10	0.16
H742076		4.88	<0.5	1.53	5	80	<0.5	<2	1.76	<0.5	141	2870	116	9.88	<10	0.15
H742077		4.78	<0.5	1.70	15	70	<0.5	<2	2.20	<0.5	135	2580	127	9.62	<10	0.14
H742078		4.66	<0.5	1.73	35	70	<0.5	<2	2.27	<0.5	132	2790	145	9.40	<10	0.13
H742079		4.23	<0.5	1.69	8	70	<0.5	<2	1.84	<0.5	140	2970	280	9.72	10	0.14
H742080		0.08	0.6	6.47	<5	900	1.0	<2	1.36	<0.5	3	34	17	1.56	10	2.05
H742081		4.81	<0.5	1.63	11	80	<0.5	<2	1.82	<0.5	137	2870	220	9.44	<10	0.16
H742082		5.15	0.5	1.83	27	80	<0.5	<2	2.10	<0.5	133	2850	352	9.33	10	0.17
H742083		5.03	<0.5	1.76	10	90	<0.5	<2	1.95	<0.5	138	3160	274	9.65	10	0.18
H742083 CRD		<0.02	<0.5	1.70	5	80	<0.5	<2	1.88	<0.5	133	3030	249	9.30	<10	0.17
H742084		4.84	<0.5	1.73	5	80	<0.5	<2	1.84	<0.5	136	3320	274	9.54	<10	0.18
H742085		4.61	<0.5	1.69	12	80	<0.5	<2	1.94	<0.5	132	3330	176	9.27	10	0.18
H742086		4.79	<0.5	1.76	<5	80	<0.5	<2	1.94	<0.5	136	3560	275	9.42	10	0.19
H742087		4.92	0.8	1.71	6	70	<0.5	<2	1.95	<0.5	140	3720	807	9.59	<10	0.18
H742088		4.92	1.5	1.70	<5	70	<0.5	<2	1.92	<0.5	156	3680	2040	10.10	<10	0.16
H742089		4.95	1.1	1.79	35	90	<0.5	<2	2.25	<0.5	147	3570	1220	9.95	<10	0.16
H742090		0.10	0.6	8.18	928	260	<0.5	<2	5.29	<0.5	32	481	265	5.22	10	0.78

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CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742053		10	18.75	1420	<1	0.22	1360	270	<2	0.24	<5	8	131	<20	0.27	<10
H742054		10	19.35	1445	<1	0.23	1350	280	<2	0.26	<5	8	140	<20	0.29	<10
H742055		10	19.60	1455	<1	0.21	1360	300	<2	0.16	<5	8	138	<20	0.29	<10
H742056		10	19.75	1475	<1	0.17	1360	290	<2	0.58	<5	8	152	<20	0.30	<10
H742057		10	18.80	1375	<1	0.14	1320	290	<2	0.41	<5	8	147	<20	0.29	<10
H742058		10	19.40	1415	<1	0.15	1380	300	<2	0.23	<5	8	140	<20	0.30	<10
H742059		10	19.70	1455	<1	0.16	1390	300	<2	0.14	<5	9	144	<20	0.31	<10
H742060		10	19.60	1430	<1	0.17	1370	300	<2	0.17	<5	9	144	<20	0.30	<10
H742061		10	19.20	1420	<1	0.19	1420	300	<2	0.45	<5	9	147	<20	0.31	<10
H742062		10	19.15	1400	<1	0.22	1420	320	<2	0.35	<5	9	148	<20	0.31	<10
H742063		10	19.25	1385	<1	0.19	1380	300	4	1.07	<5	9	148	<20	0.27	<10
H742063 CRD		10	19.20	1390	<1	0.19	1380	300	4	1.05	<5	9	149	<20	0.27	<10
H742064		10	19.20	1365	<1	0.24	1410	320	<2	0.21	<5	9	159	<20	0.32	<10
H742065		10	19.35	1390	<1	0.29	1440	350	<2	0.22	<5	9	171	<20	0.35	<10
H742066		10	19.25	1400	<1	0.29	1500	350	<2	0.11	<5	9	170	<20	0.35	<10
H742067		10	19.30	1420	<1	0.28	1520	340	<2	0.09	<5	9	171	<20	0.35	<10
H742068		10	19.25	1445	<1	0.31	1490	360	<2	0.06	<5	10	178	<20	0.36	<10
H742069		10	19.60	1440	<1	0.33	1420	360	<2	0.07	<5	10	182	<20	0.37	<10
H742070		10	0.95	401	27	1.57	2490	340	6	2.33	<5	3	457	<20	0.09	<10
H742071		10	18.65	1400	<1	0.31	1370	380	<2	0.11	<5	10	191	<20	0.37	<10
H742072		10	17.85	1340	<1	0.29	1250	350	2	0.13	<5	9	197	<20	0.37	<10
H742073		10	18.15	1370	<1	0.31	1310	370	<2	0.04	<5	9	184	<20	0.38	<10
H742074		10	18.90	1415	<1	0.32	1340	380	<2	0.10	<5	10	180	<20	0.39	<10
H742075		10	18.20	1415	<1	0.31	1320	370	<2	0.18	<5	10	188	<20	0.38	<10
H742076		10	18.60	1430	<1	0.28	1260	370	<2	0.19	<5	10	195	<20	0.38	<10
H742077		10	18.05	1515	<1	0.22	1210	400	5	0.29	<5	10	229	<20	0.40	<10
H742078		10	17.90	1510	<1	0.23	1230	510	12	0.56	<5	10	237	<20	0.42	<10
H742079		10	17.95	1345	<1	0.23	1370	400	2	0.22	<5	10	193	<20	0.40	<10
H742080		10	0.27	571	<1	2.62	7	180	7	<0.01	<5	5	179	<20	0.11	<10
H742081		10	18.10	1360	<1	0.27	1330	380	<2	0.25	<5	9	208	<20	0.40	<10
H742082		10	17.70	1370	<1	0.30	1360	500	3	0.40	<5	10	211	<20	0.43	<10
H742083		10	18.05	1390	<1	0.28	1390	440	<2	0.16	<5	10	228	<20	0.43	<10
H742083 CRD		10	17.40	1340	<1	0.28	1350	410	<2	0.15	<5	10	224	<20	0.41	<10
H742084		10	17.75	1340	<1	0.26	1410	430	<2	0.14	<5	10	200	<20	0.42	<10
H742085		10	17.85	1305	<1	0.25	1340	400	<2	0.18	<5	10	200	<20	0.41	<10
H742086		10	18.15	1310	<1	0.30	1420	390	<2	0.10	<5	10	205	<20	0.42	<10
H742087		10	18.05	1310	<1	0.35	1690	420	<2	0.23	<5	10	204	<20	0.42	<10
H742088		10	18.05	1320	<1	0.28	2210	380	<2	0.51	<5	10	192	<20	0.41	<10
H742089		10	18.30	1535	<1	0.29	1930	420	3	0.75	<5	11	320	<20	0.40	<10
H742090		<10	2.92	558	6	1.11	747	280	20	0.62	7	9	174	<20	0.16	<10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742053		<10	75	<10	99	0.008	0.116	0.095			
H742054		<10	76	<10	100	0.007	0.0992	0.085			
H742055		<10	78	<10	100	0.006	0.0705	0.063			
H742056		<10	78	<10	103	0.005	0.0609	0.050			
H742057		<10	75	<10	97	0.005	0.0530	0.042			
H742058		<10	78	<10	98	0.007	0.0944	0.079			
H742059		<10	80	<10	99	0.006	0.0762	0.068			
H742060		<10	81	<10	96	0.004	0.0565	0.046			
H742061		<10	83	<10	99	0.007	0.0958	0.084			
H742062		<10	83	<10	97	0.007	0.103	0.082			
H742063		<10	83	<10	101	0.008	0.112	0.094			
H742063 CRD		<10	84	<10	102	0.008	0.109	0.091			
H742064		<10	85	<10	95	0.006	0.0848	0.071			
H742065		<10	90	<10	98	0.005	0.0863	0.072			
H742066		<10	92	<10	99	0.007	0.101	0.082			
H742067		<10	96	<10	104	0.006	0.0854	0.064			
H742068		<10	94	<10	103	0.006	0.0776	0.059			
H742069		<10	94	<10	101	0.004	0.0614	0.046			
H742070		10	39	<10	36	0.015	0.0098	0.013			
H742071		<10	93	<10	98	0.009	0.122	0.094			
H742072		<10	87	<10	134	0.004	0.0589	0.049			
H742073		<10	91	<10	98	0.005	0.0571	0.048			
H742074		<10	92	<10	100	0.004	0.0499	0.034			
H742075		<10	93	<10	101	0.007	0.0861	0.071			
H742076		<10	91	<10	129	0.004	0.0635	0.052			
H742077		<10	92	<10	130	0.004	0.0516	0.039			
H742078		<10	93	<10	124	0.005	0.0623	0.051			
H742079		<10	95	<10	98	0.009	0.122	0.105			
H742080		10	15	<10	29	0.001	0.0006	<0.001			
H742081		<10	92	<10	97	0.006	0.0801	0.067			
H742082		<10	95	<10	151	0.011	0.1435	0.132			
H742083		<10	98	<10	100	0.008	0.1050	0.092			
H742083 CRD		<10	93	<10	100	0.008	0.1030	0.091			
H742084		<10	98	<10	97	0.009	0.1115	0.096			
H742085		<10	96	<10	100	0.006	0.0799	0.067			
H742086		<10	101	<10	95	0.010	0.1260	0.106			
H742087		<10	103	<10	95	0.025	0.343	0.320			
H742088		<10	104	<10	98	0.058	0.824	0.767			
H742089		<10	108	<10	149	0.036	0.535	0.504			
H742090		<10	62	<10	44	>1.00	>1.00	>1.00	NSS	NSS	NSS

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742091		5.05	0.6	1.93	<5	80	<0.5	<2	2.07	<0.5	139	3310	540	9.92	<10	0.19
H742092		4.94	0.7	1.83	44	80	<0.5	<2	2.87	<0.5	134	2930	581	9.47	<10	0.16
H742093		2.44	1.1	1.81	25	90	<0.5	<2	2.28	<0.5	142	2910	1310	9.98	10	0.15
H742094		2.30	1.5	1.93	<5	90	<0.5	<2	2.00	<0.5	150	3020	1970	10.05	<10	0.18

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Finalized Date: 4-SEP-2009
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Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H742091		10	17.85	1370	<1	0.30	1560	400	<2	0.24	<5	11	213	<20	0.46	<10
H742092		10	16.95	1445	<1	0.30	1410	410	6	0.61	<5	10	257	<20	0.44	<10
H742093		10	17.20	1495	<1	0.28	1670	430	4	0.70	<5	10	199	<20	0.45	<10
H742094		10	16.90	1330	<1	0.31	1990	420	<2	0.55	<5	10	202	<20	0.45	<10

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Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H742091		<10	112	<10	100	0.017	0.233	0.216			
H742092		<10	107	<10	130	0.016	0.232	0.211			
H742093		<10	109	<10	183	0.038	0.510	0.478			
H742094		<10	107	<10	98	0.056	0.792	0.793			

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Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-143 BL

CERTIFICATE OF ANALYSIS TB09085368

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

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Finalized Date: 3-SEP-2009
Account: MGMAM

CERTIFICATE TB09085369

Project: SD09-144 BL

P.O. No.:

This report is for 33 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 3-SEP-2009
Account: MGMAM

Project: SD09-144 BL

CERTIFICATE OF ANALYSIS TB09085369

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168221		1.91	0.5	7.18	25	290	1.6	2	2.69	<0.5	16	24	361	5.28	20	1.42
G168222		2.16	0.6	1.21	15	60	<0.5	<2	1.48	<0.5	138	3100	150	9.66	<10	0.19
G168223		1.08	2.8	1.96	5	90	<0.5	<2	2.22	<0.5	163	2880	3400	10.50	<10	0.20
G168223 CRD		0.02	2.6	1.97	<5	100	<0.5	<2	2.28	<0.5	163	2850	3460	10.55	<10	0.20
H742095		2.41	1.6	1.93	<5	80	<0.5	<2	2.08	<0.5	139	2980	1770	9.75	<10	0.18
H742096		2.41	1.5	1.89	<5	80	<0.5	2	2.08	<0.5	145	3120	1970	9.82	<10	0.17
H742097		2.48	1.9	1.87	<5	80	<0.5	3	2.11	<0.5	151	3100	2410	10.00	<10	0.18
H742098		2.42	2.1	1.87	<5	80	<0.5	2	2.04	<0.5	153	3010	2640	9.91	<10	0.17
H742099		2.39	2.5	1.94	<5	70	<0.5	2	2.07	<0.5	165	3030	3260	10.65	<10	0.19
H742100		1.18	2.4	1.96	<5	80	<0.5	<2	2.22	<0.5	169	2970	3630	10.70	<10	0.20
H742101		2.44	2.7	2.02	<5	80	<0.5	4	2.34	<0.5	163	2880	3180	10.50	<10	0.21
H742102		2.33	2.5	2.11	<5	80	<0.5	2	2.32	<0.5	156	2860	2930	10.40	<10	0.22
H742103		2.35	2.4	2.09	<5	80	<0.5	2	2.33	<0.5	157	2520	2990	10.40	<10	0.21
H742103 CRD		0.02	2.2	2.10	<5	80	<0.5	<2	2.35	<0.5	160	2540	3030	10.50	<10	0.20
H742104		2.35	2.5	2.21	5	90	<0.5	<2	2.49	<0.5	150	2560	2820	10.30	<10	0.21
H742105		2.42	2.1	2.21	5	80	<0.5	<2	2.38	<0.5	139	2360	2340	9.97	<10	0.19
H742106		2.33	2.2	2.27	<5	90	<0.5	<2	2.59	<0.5	146	2370	2420	10.20	10	0.25
H742107		2.44	2.2	2.48	<5	100	<0.5	<2	2.76	<0.5	138	2340	2420	10.20	<10	0.24
H742108		2.19	2.2	2.40	11	100	0.6	<2	2.60	<0.5	132	2340	2190	9.88	<10	0.28
H742109		2.06	2.1	2.48	5	100	0.5	2	2.46	<0.5	145	2320	2460	10.10	<10	0.26
H742110		0.10	1.1	8.06	<5	60	<0.5	<2	6.45	<0.5	95	435	3290	6.08	10	0.36
H742111		2.49	2.5	2.69	5	110	0.6	2	2.92	<0.5	141	2430	2950	10.30	<10	0.31
H742112		2.33	1.4	2.65	5	110	0.7	<2	2.78	<0.5	115	2220	983	9.29	<10	0.40
H742113		2.52	0.9	2.88	<5	120	0.6	<2	3.12	<0.5	106	2160	442	9.17	10	0.38
H742114		2.40	1.3	3.01	69	120	0.9	4	3.24	1.4	107	1880	1055	9.31	10	0.53
H742115		2.31	<0.5	3.39	9	150	0.8	<2	3.47	<0.5	109	2020	663	9.53	10	0.56
H742116		2.39	0.9	3.53	16	150	0.7	<2	3.65	0.7	105	1850	1020	9.33	10	0.42
H742117		2.43	1.8	3.44	25	90	0.8	<2	3.18	2.7	126	1750	2510	10.00	10	0.30
H742118		1.94	2.0	3.26	13	150	0.8	<2	2.56	<0.5	132	1690	2910	10.25	10	0.35
H742119		1.62	3.8	2.85	110	100	0.8	3	2.62	4.0	144	2320	5030	10.05	10	0.24
H742120		0.09	<0.5	5.82	<5	850	0.9	2	1.28	<0.5	3	23	19	1.47	10	1.94
H742121		4.34	<0.5	7.56	22	770	1.6	<2	0.85	<0.5	20	125	91	4.46	20	1.90
H742122		4.40	<0.5	7.31	18	450	2.3	3	1.26	<0.5	20	122	28	5.12	10	1.41

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THUNDER BAY ON P7B 6V1

Finalized Date: 3-SEP-2009
Account: MGMAM

Project: SD09-144 BL

CERTIFICATE OF ANALYSIS TB09085369

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168221		30	2.77	911	2	2.80	9	1440	11	0.79	<5	15	72	<20	1.00	<10
G168222		10	18.45	1370	<1	0.18	1300	300	<2	0.17	<5	8	138	<20	0.29	<10
G168223		10	15.45	1265	1	0.33	2390	430	3	1.38	<5	11	204	<20	0.48	<10
G168223 CRD		10	15.50	1270	1	0.32	2440	440	3	1.50	<5	11	206	<20	0.48	<10
H742095		10	15.75	1265	<1	0.31	1810	420	3	0.44	<5	10	212	<20	0.47	<10
H742096		10	15.85	1260	1	0.31	2040	400	3	0.51	<5	10	217	<20	0.46	<10
H742097		10	16.00	1275	1	0.32	2170	410	2	0.68	<5	10	217	<20	0.47	<10
H742098		10	15.40	1245	1	0.32	2100	420	4	0.74	<5	10	204	<20	0.47	10
H742099		10	15.95	1290	1	0.35	2380	420	5	0.96	<5	11	202	<20	0.48	<10
H742100		10	15.65	1270	1	0.33	2630	430	3	1.37	<5	11	208	<20	0.48	<10
H742101		10	15.45	1285	1	0.35	2380	440	2	1.19	<5	11	231	<20	0.51	<10
H742102		10	15.25	1285	1	0.39	2240	470	5	0.96	<5	11	233	<20	0.52	<10
H742103		10	15.35	1290	1	0.38	2230	460	4	0.94	<5	11	226	<20	0.52	10
H742103 CRD		10	15.45	1305	<1	0.39	2210	460	5	0.97	<5	11	228	<20	0.52	<10
H742104		10	14.80	1290	1	0.40	2160	480	3	1.14	5	11	250	<20	0.54	<10
H742105		10	14.55	1265	<1	0.41	1930	460	2	0.79	5	11	236	<20	0.55	<10
H742106		20	14.60	1290	1	0.46	1980	530	3	1.00	<5	12	266	<20	0.57	<10
H742107		20	14.25	1280	1	0.45	1850	560	4	1.03	<5	12	281	<20	0.60	<10
H742108		20	14.60	1330	<1	0.45	1650	510	5	0.92	<5	12	269	<20	0.59	<10
H742109		20	14.35	1340	1	0.48	1960	530	3	1.20	5	12	263	<20	0.60	10
H742110		10	5.73	761	1	1.04	2860	80	<2	1.56	<5	14	80	<20	0.11	<10
H742111		20	13.85	1305	1	0.55	2100	600	8	1.29	<5	13	294	<20	0.64	<10
H742112		20	13.20	1370	1	0.55	1290	630	9	1.13	<5	13	282	<20	0.66	10
H742113		20	13.10	1280	1	0.63	997	610	2	0.38	<5	14	305	<20	0.70	<10
H742114		20	12.70	1370	1	0.59	1190	630	18	1.60	5	14	271	<20	0.72	<10
H742115		20	12.80	1360	<1	0.72	1040	690	6	0.82	<5	16	335	<20	0.84	<10
H742116		20	11.80	1275	<1	0.74	1090	760	135	0.64	5	16	354	<20	0.87	<10
H742117		20	12.25	1460	<1	0.35	1660	750	308	1.07	<5	16	223	<20	0.84	<10
H742118		20	12.90	1520	<1	0.33	1730	710	80	1.38	<5	15	191	<20	0.77	<10
H742119		10	12.70	1290	<1	0.34	2270	550	25	1.63	<5	13	174	<20	0.63	<10
H742120		10	0.21	539	<1	2.48	5	180	7	0.01	<5	4	162	<20	0.11	<10
H742121		30	2.03	594	<1	2.65	75	850	12	0.64	<5	12	300	<20	0.35	<10
H742122		20	2.13	553	<1	2.04	74	790	16	1.34	<5	13	218	<20	0.33	<10

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

Finalized Date: 3-SEP-2009
Account: MGMAM

Project: SD09-144 BL

CERTIFICATE OF ANALYSIS TB09085369

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168221		<10	172	<10	58	0.001	0.0006	0.001			
G168222		<10	79	<10	95	0.009	0.0565	0.050			
G168223		<10	113	<10	98	0.103	>1.00	>1.00	0.10	1.66	1.59
G168223 CRD		<10	112	<10	98	0.104	>1.00	>1.00	0.11	1.78	1.64
H742095		<10	108	<10	95	0.053	0.730	0.708			
H742096		<10	106	<10	96	0.056	0.846	0.796			
H742097		<10	107	<10	96	0.069	>1.00	>1.00	0.07	1.07	1.06
H742098		<10	106	<10	94	0.079	>1.00	>1.00	0.08	1.29	1.26
H742099		<10	111	<10	98	0.097	>1.00	>1.00	0.10	1.64	1.55
H742100		<10	113	<10	98	0.111	>1.00	>1.00	0.11	1.78	1.70
H742101		<10	116	<10	100	0.096	>1.00	>1.00	0.10	1.60	1.50
H742102		<10	119	<10	99	0.085	>1.00	>1.00	0.09	1.43	1.35
H742103		<10	114	<10	98	0.093	>1.00	>1.00	0.10	1.51	1.44
H742103 CRD		<10	115	<10	98	0.091	>1.00	>1.00	0.10	1.51	1.46
H742104		<10	121	<10	98	0.085	>1.00	>1.00	0.09	1.37	1.31
H742105		<10	120	<10	95	0.072	>1.00	>1.00	0.07	1.13	1.07
H742106		<10	124	<10	97	0.072	>1.00	>1.00	0.08	1.20	1.14
H742107		<10	129	<10	98	0.072	>1.00	>1.00	0.07	1.12	1.07
H742108		<10	127	<10	103	0.074	0.955	0.885			
H742109		<10	129	<10	102	0.062	0.873	0.835			
H742110		<10	70	<10	63	0.056	0.1790	0.660			
H742111		<10	138	<10	101	0.084	>1.00	>1.00	0.09	1.31	1.21
H742112		<10	141	<10	104	0.033	0.428	0.399			
H742113		<10	149	<10	96	0.013	0.1695	0.156			
H742114		<10	148	<10	565	0.024	0.425	0.459			
H742115		<10	173	<10	118	0.017	0.236	0.226			
H742116		<10	177	<10	152	0.027	0.360	0.355			
H742117		<10	173	<10	369	0.064	0.856	0.845			
H742118		<10	162	<10	136	0.082	>1.00	0.958	0.09	1.12	1.06
H742119		<10	142	<10	660	0.165	>1.00	>1.00	0.17	2.03	1.85
H742120		10	14	<10	26	0.002	0.0017	0.001			
H742121		<10	99	<10	59	0.002	0.0107	0.009			
H742122		<10	106	<10	58	0.002	0.0035	0.003			

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

Finalized Date: 4-SEP-2009
Account: MGMAM

CERTIFICATE TB09085729

Project: SD09-145 BL

P.O. No.:

This report is for 70 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 17-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168224		2.12	<0.5	2.09	5	100	0.5	<2	2.41	<0.5	130	2550	114	10.00	<10	0.26
G168225		1.19	0.7	3.10	<5	130	0.7	<2	3.39	<0.5	147	2370	2730	10.65	10	0.31
H742123		4.20	<0.5	6.46	<5	640	1.5	<2	0.19	0.6	2	13	38	0.71	10	3.65
H742123 CRD		0.04	<0.5	6.41	<5	640	1.5	2	0.19	1.0	2	12	37	0.68	20	3.58
H742124		4.09	<0.5	6.05	<5	900	1.1	<2	0.47	<0.5	4	7	18	1.51	20	4.07
H742125		4.67	<0.5	4.40	6	630	1.5	<2	7.11	<0.5	52	462	294	7.22	10	0.43
H742126		2.95	<0.5	5.82	<5	120	1.3	<2	6.13	<0.5	38	323	173	7.34	20	0.50
H742127		3.98	<0.5	2.45	9	140	0.5	<2	5.28	<0.5	104	1440	263	9.61	10	0.19
H742128		4.22	<0.5	2.37	13	120	0.6	<2	3.93	<0.5	110	1900	138	9.88	10	0.26
H742129		4.38	<0.5	2.79	7	120	0.7	<2	3.43	<0.5	115	2120	131	9.75	10	0.26
H742130		0.10	<0.5	6.83	<5	60	<0.5	<2	4.90	<0.5	78	3780	685	6.42	10	0.15
H742131		4.63	<0.5	2.48	<5	110	0.6	<2	3.58	<0.5	118	2290	154	10.05	10	0.24
H742132		4.71	<0.5	2.02	<5	90	0.5	<2	3.70	<0.5	123	2390	168	10.15	10	0.22
H742133		4.68	<0.5	2.17	<5	110	0.6	<2	3.14	<0.5	121	2400	197	9.78	10	0.26
H742134		4.72	<0.5	2.22	<5	100	0.5	<2	2.97	<0.5	125	2340	191	9.68	<10	0.23
H742135		4.64	<0.5	2.12	5	110	0.5	<2	2.84	<0.5	127	2430	170	9.73	<10	0.21
H742136		4.45	<0.5	2.10	<5	110	0.5	<2	2.69	<0.5	127	2410	250	9.90	<10	0.21
H742137		4.41	<0.5	2.06	<5	100	0.5	<2	2.53	<0.5	125	2620	121	9.66	10	0.22
H742138		3.86	<0.5	2.09	7	110	0.6	<2	2.56	<0.5	128	2720	118	9.85	<10	0.21
H742139		4.40	<0.5	2.11	<5	110	0.5	<2	2.42	<0.5	129	2530	111	9.85	<10	0.21
H742140		2.22	<0.5	2.03	6	100	0.5	<2	2.41	<0.5	129	2500	93	9.69	<10	0.25
H742141		4.83	<0.5	1.97	<5	100	0.5	<2	2.26	<0.5	131	2550	165	9.79	<10	0.26
H742142		4.62	<0.5	1.91	5	100	0.5	<2	2.20	<0.5	130	2650	152	9.67	<10	0.29
H742143		4.31	<0.5	1.87	7	100	0.6	<2	2.22	<0.5	128	2770	156	9.72	<10	0.30
H742143 CRD		0.04	<0.5	1.87	6	100	0.6	<2	2.24	<0.5	131	2800	151	9.77	<10	0.29
H742144		4.36	<0.5	1.98	<5	90	0.5	<2	2.24	<0.5	133	2870	146	9.87	10	0.33
H742145		4.54	<0.5	1.91	5	90	0.6	<2	2.16	<0.5	132	3040	146	9.87	<10	0.33
H742146		4.65	<0.5	1.83	8	90	0.5	<2	2.18	<0.5	133	3120	147	9.85	<10	0.27
H742147		4.62	<0.5	1.81	8	90	0.5	<2	2.19	<0.5	132	3080	141	9.85	10	0.26
H742148		4.49	<0.5	1.85	5	80	0.6	<2	2.05	<0.5	135	3230	186	9.92	<10	0.27
H742149		4.53	<0.5	1.83	<5	90	0.5	<2	1.93	<0.5	130	3140	99	9.48	<10	0.23
H742150		0.10	1.2	5.61	<5	690	0.7	<2	1.31	<0.5	80	109	3390	4.63	10	2.43
H742151		4.42	<0.5	1.84	12	90	0.5	<2	2.05	<0.5	132	3200	135	9.54	<10	0.27
H742152		4.61	<0.5	1.90	5	90	0.5	<2	2.09	<0.5	134	3370	257	9.57	<10	0.28
H742153		4.54	<0.5	1.83	12	90	0.6	<2	2.25	<0.5	131	3970	316	9.70	<10	0.26
H742154		4.67	<0.5	1.87	<5	90	0.5	<2	1.99	<0.5	138	4360	384	9.82	<10	0.21
H742155		4.63	<0.5	1.87	<5	100	0.5	<2	2.02	<0.5	134	3540	150	9.65	<10	0.25
H742156		4.67	<0.5	1.88	<5	100	0.7	<2	2.24	<0.5	131	3370	132	9.84	<10	0.27
H742157		4.73	<0.5	1.96	8	110	0.5	<2	2.30	<0.5	142	3440	235	10.50	<10	0.27
H742158		4.80	<0.5	1.88	9	80	<0.5	<2	2.12	<0.5	134	2950	183	9.90	<10	0.27

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168224		10	16.45	1480	<1	0.31	1080	510	2	0.49	<5	12	262	<20	0.54	<10
G168225		10	13.00	1385	<1	0.66	2160	750	8	1.33	<5	16	332	<20	0.80	<10
H742123		<10	0.22	65	3	1.77	10	260	18	0.27	<5	1	286	<20	0.02	<10
H742123 CRD		10	0.20	59	3	1.72	8	260	20	0.31	<5	1	286	<20	0.02	<10
H742124		10	0.55	145	1	1.77	4	380	10	0.90	<5	3	215	<20	0.14	<10
H742125		20	6.64	1645	<1	1.63	211	820	5	0.93	<5	38	202	<20	1.17	<10
H742126		30	5.08	1615	<1	3.00	124	1310	2	1.35	<5	31	272	<20	1.49	<10
H742127		10	12.65	1540	<1	0.32	672	530	2	1.86	<5	27	154	<20	0.69	<10
H742128		10	13.30	1465	<1	0.41	784	510	4	2.43	<5	21	197	<20	0.55	<10
H742129		20	14.20	1485	<1	0.38	862	600	2	1.02	<5	19	194	<20	0.70	<10
H742130		10	9.94	1130	<1	0.79	1390	160	8	0.33	<5	19	189	<20	0.11	<10
H742131		10	15.05	1490	<1	0.34	934	570	<2	0.48	<5	17	273	<20	0.65	<10
H742132		10	15.75	1475	<1	0.39	966	460	<2	0.16	<5	18	230	<20	0.57	<10
H742133		10	15.20	1415	<1	0.47	962	490	<2	0.32	<5	15	255	<20	0.57	<10
H742134		10	15.70	1420	<1	0.46	997	520	<2	0.14	<5	14	258	<20	0.58	<10
H742135		10	15.90	1410	<1	0.40	1010	520	<2	0.28	<5	14	275	<20	0.55	<10
H742136		10	16.30	1430	<1	0.40	1100	500	<2	0.25	<5	13	267	<20	0.54	<10
H742137		10	15.85	1395	<1	0.37	1070	520	<2	0.39	<5	12	258	<20	0.54	<10
H742138		10	16.30	1420	<1	0.33	1080	500	<2	0.39	<5	12	245	<20	0.53	<10
H742139		10	16.20	1425	<1	0.40	1070	490	<2	0.39	<5	12	281	<20	0.52	<10
H742140		10	16.35	1445	<1	0.30	1060	480	<2	0.47	<5	11	263	<20	0.51	<10
H742141		10	16.30	1410	<1	0.35	1110	500	<2	0.25	<5	11	248	<20	0.51	<10
H742142		10	16.60	1385	<1	0.37	1100	480	<2	0.56	<5	11	257	<20	0.50	<10
H742143		10	16.60	1460	<1	0.40	1110	480	4	0.62	<5	11	249	<20	0.49	<10
H742143 CRD		10	16.65	1460	<1	0.40	1120	480	2	0.63	<5	11	248	<20	0.48	<10
H742144		10	16.75	1480	<1	0.44	1160	470	<2	0.59	<5	11	283	<20	0.50	<10
H742145		10	16.70	1470	<1	0.48	1160	490	<2	0.59	<5	11	261	<20	0.49	<10
H742146		10	17.40	1460	<1	0.39	1190	470	<2	0.47	<5	11	244	<20	0.49	<10
H742147		10	16.85	1490	<1	0.35	1200	460	5	0.46	<5	11	227	<20	0.46	<10
H742148		10	17.55	1460	<1	0.37	1240	470	5	0.49	<5	10	230	<20	0.48	<10
H742149		10	16.75	1360	<1	0.36	1190	430	<2	0.20	<5	10	219	<20	0.46	<10
H742150		10	0.86	389	25	1.51	2410	330	8	2.27	<5	3	428	<20	0.09	<10
H742151		10	17.25	1400	<1	0.33	1230	430	3	0.36	<5	10	244	<20	0.46	<10
H742152		10	17.15	1395	<1	0.47	1320	450	<2	0.35	<5	10	238	<20	0.47	<10
H742153		10	17.05	1495	<1	0.49	1390	450	<2	0.59	<5	10	242	<20	0.45	<10
H742154		10	17.50	1390	<1	0.44	1500	410	<2	0.25	<5	10	228	<20	0.45	<10
H742155		10	17.05	1385	<1	0.41	1310	450	<2	0.18	<5	10	228	<20	0.47	<10
H742156		10	17.55	1560	<1	0.35	1250	440	3	0.62	<5	11	251	<20	0.46	<10
H742157		10	18.10	1605	<1	0.38	1340	490	<2	0.41	<5	11	273	<20	0.49	<10
H742158		10	16.85	1435	<1	0.38	1200	420	<2	0.25	<5	11	224	<20	0.47	<10

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

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168224		<10	116	<10	112	0.004	0.0465	0.042			
G168225		<10	167	<10	109	0.068	>1.00	>1.00	0.07	1.08	1.04
H742123		80	2	<10	84	0.002	0.0021	0.001			
H742123 CRD		90	2	<10	126	0.002	0.0128	0.009			
H742124		30	20	<10	36	0.001	<0.0005	<0.001			
H742125		<10	269	10	107	0.007	0.0142	0.008			
H742126		<10	292	<10	104	0.002	0.0026	0.001			
H742127		<10	171	<10	120	0.006	0.0473	0.038			
H742128		<10	157	<10	119	0.003	0.0234	0.016			
H742129		<10	161	<10	116	0.003	0.0175	0.012			
H742130		<10	113	<10	287	0.117	>1.00	0.570	0.12	1.33	0.61
H742131		<10	154	<10	110	0.004	0.0438	0.032			
H742132		<10	137	<10	102	0.003	0.0318	0.024			
H742133		<10	134	<10	101	0.005	0.0461	0.037			
H742134		<10	131	<10	102	0.005	0.0553	0.046			
H742135		<10	127	<10	104	0.005	0.0552	0.048			
H742136		<10	120	<10	103	0.008	0.0785	0.073			
H742137		<10	121	<10	103	0.005	0.0451	0.037			
H742138		<10	121	<10	104	0.004	0.0454	0.037			
H742139		<10	116	<10	104	0.004	0.0490	0.041			
H742140		<10	114	<10	106	0.003	0.0296	0.026			
H742141		<10	114	<10	102	0.007	0.0706	0.060			
H742142		<10	111	<10	99	0.005	0.0627	0.053			
H742143		<10	109	<10	119	0.007	0.0539	0.050			
H742143 CRD		<10	109	<10	118	0.005	0.0540	0.050			
H742144		<10	111	<10	114	0.005	0.0524	0.047			
H742145		<10	110	<10	112	0.005	0.0489	0.042			
H742146		<10	109	<10	110	0.005	0.0478	0.040			
H742147		<10	106	<10	123	0.005	0.0559	0.049			
H742148		<10	107	<10	108	0.008	0.1075	0.093			
H742149		<10	105	<10	98	0.004	0.0700	0.054			
H742150		<10	39	<10	36	0.018	0.0107	0.014			
H742151		<10	104	<10	105	0.005	0.0618	0.054			
H742152		<10	106	<10	105	0.010	0.1495	0.136			
H742153		<10	108	<10	125	0.011	0.1545	0.138			
H742154		<10	114	<10	104	0.014	0.208	0.173			
H742155		<10	109	<10	101	0.007	0.0823	0.069			
H742156		<10	109	<10	130	0.005	0.0654	0.053			
H742157		<10	116	<10	132	0.010	0.1325	0.111			
H742158		<10	109	<10	104	0.008	0.0918	0.079			

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742159		4.77	<0.5	1.85	<5	90	<0.5	<2	2.10	<0.5	133	2790	175	9.68	<10	0.24
H742160		0.09	<0.5	6.39	<5	910	1.0	<2	1.32	<0.5	2	21	14	1.55	10	2.10
H742161		4.66	<0.5	2.01	<5	100	0.5	<2	2.27	<0.5	135	2890	168	10.00	<10	0.25
H742162		4.72	<0.5	2.04	8	110	0.5	<2	2.30	<0.5	135	2960	572	9.89	<10	0.29
H742163		4.67	0.5	2.00	6	90	0.5	<2	2.33	<0.5	143	3080	757	10.45	<10	0.23
H742163 CRD		0.03	0.5	1.97	<5	90	0.5	<2	2.30	<0.5	141	3030	781	10.30	10	0.23
H742164		4.71	<0.5	2.10	<5	110	0.5	<2	2.42	<0.5	140	2760	361	10.40	10	0.23
H742165		4.62	<0.5	2.11	<5	110	0.6	<2	2.37	<0.5	134	2710	330	10.20	<10	0.26
H742166		4.63	<0.5	2.09	<5	110	0.5	<2	2.44	<0.5	136	2580	341	10.05	<10	0.24
H742167		4.52	<0.5	2.11	8	100	0.5	<2	2.55	<0.5	132	2720	329	10.10	10	0.25
H742168		4.68	<0.5	2.10	5	100	0.5	<2	2.60	<0.5	126	2700	286	9.62	<10	0.25
H742169		4.61	<0.5	2.23	7	110	0.5	<2	2.73	<0.5	123	2630	264	9.53	10	0.26
H742170		0.10	20.3	7.02	196	440	0.7	2	3.14	2.9	13	100	334	4.13	10	0.82
H742171		4.67	<0.5	2.49	<5	130	0.6	<2	2.96	<0.5	120	2680	287	9.60	10	0.28
H742172		4.14	<0.5	2.69	<5	140	0.7	<2	2.99	<0.5	116	2540	202	9.36	<10	0.30
H742173		4.38	<0.5	2.64	<5	120	0.6	<2	3.22	<0.5	117	2630	205	9.66	<10	0.25
H742174		4.48	<0.5	2.69	<5	130	0.6	<2	3.30	<0.5	119	2710	247	9.74	<10	0.28
H742175		2.32	<0.5	2.87	5	140	0.7	<2	3.32	<0.5	115	2660	253	9.56	10	0.37
H742176		4.46	<0.5	2.85	<5	130	0.7	<2	3.07	<0.5	120	2810	357	9.69	10	0.34
H742177		4.62	<0.5	2.64	<5	130	0.6	<2	2.94	<0.5	123	2630	852	9.75	10	0.33
H742178		2.26	1.5	2.73	<5	140	0.7	<2	2.96	<0.5	147	2530	3330	10.40	10	0.42
H742179		2.48	0.9	2.97	<5	140	0.7	<2	3.13	<0.5	146	2520	2780	10.45	10	0.43
H742180		1.03	0.9	2.86	<5	120	0.6	<2	3.14	<0.5	140	2320	2730	10.15	10	0.29
H742181		2.30	0.5	3.48	<5	180	1.0	<2	3.45	<0.5	97	1735	321	9.20	10	0.45
H742182		2.22	0.7	3.29	<5	230	1.0	<2	3.63	<0.5	105	1710	900	9.95	10	0.41
H742183		3.08	0.7	4.33	<5	270	1.0	<2	4.09	<0.5	94	1420	1035	9.92	20	0.37
H742183 CRD		0.04	0.7	4.18	<5	270	1.0	<2	4.02	<0.5	92	1380	1015	9.77	20	0.36
H742184		3.94	<0.5	7.59	<5	360	2.3	<2	1.57	<0.5	34	87	978	6.33	20	1.92
H742185		5.50	<0.5	7.54	<5	550	2.4	<2	0.57	<0.5	18	119	24	4.14	20	2.75
H742186		4.70	<0.5	7.61	<5	430	2.6	<2	0.61	<0.5	21	114	36	3.87	20	2.28

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742159		10	16.75	1400	<1	0.39	1180	460	<2	0.24	<5	11	229	<20	0.48	<10
H742160		10	0.20	592	1	2.66	3	190	5	0.01	<5	5	182	<20	0.12	<10
H742161		10	17.10	1440	<1	0.50	1230	500	<2	0.24	<5	11	257	<20	0.49	<10
H742162		10	17.00	1420	<1	0.48	1350	470	<2	0.46	<5	11	268	<20	0.47	<10
H742163		10	17.50	1470	<1	0.51	1450	490	<2	0.53	<5	12	253	<20	0.50	<10
H742163 CRD		10	17.25	1445	<1	0.51	1430	490	<2	0.53	<5	11	250	<20	0.50	<10
H742164		10	17.40	1465	<1	0.58	1230	540	<2	0.28	<5	12	272	<20	0.52	<10
H742165		10	16.90	1445	<1	0.65	1190	530	<2	0.25	<5	12	252	<20	0.52	<10
H742166		10	16.65	1425	<1	0.64	1180	490	<2	0.19	<5	12	256	<20	0.52	<10
H742167		10	16.85	1440	<1	0.56	1200	470	<2	0.20	<5	13	268	<20	0.54	<10
H742168		10	15.75	1365	1	0.48	1140	500	<2	0.46	<5	12	271	<20	0.54	<10
H742169		10	15.55	1355	<1	0.52	1120	560	<2	0.47	<5	13	296	<20	0.57	<10
H742170		10	1.44	749	184	2.00	104	530	246	0.25	10	14	268	<20	0.30	<10
H742171		20	15.40	1370	<1	0.60	1110	560	<2	0.38	<5	14	321	<20	0.62	<10
H742172		20	14.50	1365	<1	0.57	1030	610	<2	0.40	<5	14	308	<20	0.65	<10
H742173		10	15.00	1390	<1	0.58	1040	580	<2	0.41	<5	15	325	<20	0.66	<10
H742174		20	15.05	1385	<1	0.62	1080	670	<2	0.22	<5	16	319	<20	0.72	<10
H742175		20	14.50	1365	<1	0.64	1060	610	2	0.39	<5	15	342	<20	0.71	<10
H742176		20	14.65	1410	<1	0.57	1130	650	<2	0.85	<5	16	285	<20	0.70	<10
H742177		10	14.70	1415	1	0.61	1325	660	5	0.61	<5	15	308	<20	0.69	<10
H742178		20	13.70	1385	3	0.60	2250	650	6	0.96	<5	15	300	<20	0.70	<10
H742179		20	13.30	1380	2	0.60	2060	710	7	1.05	<5	16	318	<20	0.75	<10
H742180		20	12.35	1305	<1	0.62	2120	720	6	1.34	<5	16	298	<20	0.76	<10
H742181		20	12.10	1375	6	0.77	853	820	5	0.58	<5	16	371	<20	0.90	<10
H742182		20	12.00	1500	4	0.62	1050	910	7	0.87	<5	15	381	<20	0.96	<10
H742183		20	11.10	1650	<1	0.88	1015	900	8	1.13	<5	21	268	<20	1.03	<10
H742183 CRD		20	11.00	1635	<1	0.86	998	890	9	1.14	<5	21	263	<20	1.01	<10
H742184		30	3.13	665	<1	2.09	298	1190	22	2.37	<5	14	140	<20	0.80	<10
H742185		20	2.43	459	<1	1.55	75	830	6	0.47	<5	14	112	<20	0.36	<10
H742186		20	2.36	452	<1	2.26	66	930	5	0.60	<5	12	141	<20	0.33	<10

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CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742159		<10	107	<10	102	0.007	0.0787	0.074			
H742160		20	16	<10	29	0.001	0.0005	<0.001			
H742161		<10	111	<10	103	0.007	0.0785	0.075			
H742162		<10	110	<10	111	0.019	0.262	0.261			
H742163		<10	119	<10	110	0.025	0.335	0.321			
H742163 CRD		<10	117	<10	108	0.026	0.346	0.342			
H742164		<10	118	<10	105	0.012	0.1555	0.144			
H742165		<10	119	<10	105	0.011	0.1250	0.115			
H742166		<10	121	<10	102	0.012	0.1225	0.120			
H742167		<10	126	<10	105	0.010	0.1310	0.124			
H742168		<10	124	<10	102	0.010	0.1205	0.110			
H742169		<10	129	<10	99	0.009	0.1020	0.092			
H742170		10	101	<10	368	0.530	0.0947	0.424			
H742171		<10	138	<10	101	0.008	0.0999	0.090			
H742172		<10	143	<10	99	0.007	0.0746	0.065			
H742173		<10	149	<10	103	0.006	0.0615	0.053			
H742174		<10	155	<10	105	0.007	0.0849	0.072			
H742175		<10	158	<10	103	0.007	0.0803	0.068			
H742176		<10	162	<10	106	0.013	0.1310	0.118			
H742177		<10	144	<10	105	0.026	0.329	0.323			
H742178		<10	148	<10	108	0.100	>1.00	>1.00	0.10	1.43	1.36
H742179		<10	159	<10	106	0.077	>1.00	>1.00	0.07	1.17	1.10
H742180		<10	159	<10	102	0.073	>1.00	>1.00	0.07	1.19	1.15
H742181		<10	179	<10	106	0.008	0.1240	0.113			
H742182		<10	198	<10	120	0.026	0.330	0.322			
H742183		<10	221	<10	171	0.028	0.370	0.356			
H742183 CRD		<10	215	<10	169	0.025	0.373	0.364			
H742184		<10	151	<10	82	0.043	0.460	0.439			
H742185		<10	123	<10	36	0.002	0.0034	0.003			
H742186		<10	107	<10	39	0.002	0.0024	0.002			

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Finalized Date: 4-SEP-2009
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CERTIFICATE TB09085729

Project: SD09-145 BL

P.O. No.:

This report is for 70 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 17-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168224		2.12	<0.5	2.09	5	100	0.5	<2	2.41	<0.5	130	2550	114	10.00	<10	0.26
G168225		1.19	0.7	3.10	<5	130	0.7	<2	3.39	<0.5	147	2370	2730	10.65	10	0.31
H742123		4.20	<0.5	6.46	<5	640	1.5	<2	0.19	0.6	2	13	38	0.71	10	3.65
H742123 CRD		0.04	<0.5	6.41	<5	640	1.5	2	0.19	1.0	2	12	37	0.68	20	3.58
H742124		4.09	<0.5	6.05	<5	900	1.1	<2	0.47	<0.5	4	7	18	1.51	20	4.07
H742125		4.67	<0.5	4.40	6	630	1.5	<2	7.11	<0.5	52	462	294	7.22	10	0.43
H742126		2.95	<0.5	5.82	<5	120	1.3	<2	6.13	<0.5	38	323	173	7.34	20	0.50
H742127		3.98	<0.5	2.45	9	140	0.5	<2	5.28	<0.5	104	1440	263	9.61	10	0.19
H742128		4.22	<0.5	2.37	13	120	0.6	<2	3.93	<0.5	110	1900	138	9.88	10	0.26
H742129		4.38	<0.5	2.79	7	120	0.7	<2	3.43	<0.5	115	2120	131	9.75	10	0.26
H742130		0.10	<0.5	6.83	<5	60	<0.5	<2	4.90	<0.5	78	3780	685	6.42	10	0.15
H742131		4.63	<0.5	2.48	<5	110	0.6	<2	3.58	<0.5	118	2290	154	10.05	10	0.24
H742132		4.71	<0.5	2.02	<5	90	0.5	<2	3.70	<0.5	123	2390	168	10.15	10	0.22
H742133		4.68	<0.5	2.17	<5	110	0.6	<2	3.14	<0.5	121	2400	197	9.78	10	0.26
H742134		4.72	<0.5	2.22	<5	100	0.5	<2	2.97	<0.5	125	2340	191	9.68	<10	0.23
H742135		4.64	<0.5	2.12	5	110	0.5	<2	2.84	<0.5	127	2430	170	9.73	<10	0.21
H742136		4.45	<0.5	2.10	<5	110	0.5	<2	2.69	<0.5	127	2410	250	9.90	<10	0.21
H742137		4.41	<0.5	2.06	<5	100	0.5	<2	2.53	<0.5	125	2620	121	9.66	10	0.22
H742138		3.86	<0.5	2.09	7	110	0.6	<2	2.56	<0.5	128	2720	118	9.85	<10	0.21
H742139		4.40	<0.5	2.11	<5	110	0.5	<2	2.42	<0.5	129	2530	111	9.85	<10	0.21
H742140		2.22	<0.5	2.03	6	100	0.5	<2	2.41	<0.5	129	2500	93	9.69	<10	0.25
H742141		4.83	<0.5	1.97	<5	100	0.5	<2	2.26	<0.5	131	2550	165	9.79	<10	0.26
H742142		4.62	<0.5	1.91	5	100	0.5	<2	2.20	<0.5	130	2650	152	9.67	<10	0.29
H742143		4.31	<0.5	1.87	7	100	0.6	<2	2.22	<0.5	128	2770	156	9.72	<10	0.30
H742143 CRD		0.04	<0.5	1.87	6	100	0.6	<2	2.24	<0.5	131	2800	151	9.77	<10	0.29
H742144		4.36	<0.5	1.98	<5	90	0.5	<2	2.24	<0.5	133	2870	146	9.87	10	0.33
H742145		4.54	<0.5	1.91	5	90	0.6	<2	2.16	<0.5	132	3040	146	9.87	<10	0.33
H742146		4.65	<0.5	1.83	8	90	0.5	<2	2.18	<0.5	133	3120	147	9.85	<10	0.27
H742147		4.62	<0.5	1.81	8	90	0.5	<2	2.19	<0.5	132	3080	141	9.85	10	0.26
H742148		4.49	<0.5	1.85	5	80	0.6	<2	2.05	<0.5	135	3230	186	9.92	<10	0.27
H742149		4.53	<0.5	1.83	<5	90	0.5	<2	1.93	<0.5	130	3140	99	9.48	<10	0.23
H742150		0.10	1.2	5.61	<5	690	0.7	<2	1.31	<0.5	80	109	3390	4.63	10	2.43
H742151		4.42	<0.5	1.84	12	90	0.5	<2	2.05	<0.5	132	3200	135	9.54	<10	0.27
H742152		4.61	<0.5	1.90	5	90	0.5	<2	2.09	<0.5	134	3370	257	9.57	<10	0.28
H742153		4.54	<0.5	1.83	12	90	0.6	<2	2.25	<0.5	131	3970	316	9.70	<10	0.26
H742154		4.67	<0.5	1.87	<5	90	0.5	<2	1.99	<0.5	138	4360	384	9.82	<10	0.21
H742155		4.63	<0.5	1.87	<5	100	0.5	<2	2.02	<0.5	134	3540	150	9.65	<10	0.25
H742156		4.67	<0.5	1.88	<5	100	0.7	<2	2.24	<0.5	131	3370	132	9.84	<10	0.27
H742157		4.73	<0.5	1.96	8	110	0.5	<2	2.30	<0.5	142	3440	235	10.50	<10	0.27
H742158		4.80	<0.5	1.88	9	80	<0.5	<2	2.12	<0.5	134	2950	183	9.90	<10	0.27

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168224		10	16.45	1480	<1	0.31	1080	510	2	0.49	<5	12	262	<20	0.54	<10
G168225		10	13.00	1385	<1	0.66	2160	750	8	1.33	<5	16	332	<20	0.80	<10
H742123		<10	0.22	65	3	1.77	10	260	18	0.27	<5	1	286	<20	0.02	<10
H742123 CRD		10	0.20	59	3	1.72	8	260	20	0.31	<5	1	286	<20	0.02	<10
H742124		10	0.55	145	1	1.77	4	380	10	0.90	<5	3	215	<20	0.14	<10
H742125		20	6.64	1645	<1	1.63	211	820	5	0.93	<5	38	202	<20	1.17	<10
H742126		30	5.08	1615	<1	3.00	124	1310	2	1.35	<5	31	272	<20	1.49	<10
H742127		10	12.65	1540	<1	0.32	672	530	2	1.86	<5	27	154	<20	0.69	<10
H742128		10	13.30	1465	<1	0.41	784	510	4	2.43	<5	21	197	<20	0.55	<10
H742129		20	14.20	1485	<1	0.38	862	600	2	1.02	<5	19	194	<20	0.70	<10
H742130		10	9.94	1130	<1	0.79	1390	160	8	0.33	<5	19	189	<20	0.11	<10
H742131		10	15.05	1490	<1	0.34	934	570	<2	0.48	<5	17	273	<20	0.65	<10
H742132		10	15.75	1475	<1	0.39	966	460	<2	0.16	<5	18	230	<20	0.57	<10
H742133		10	15.20	1415	<1	0.47	962	490	<2	0.32	<5	15	255	<20	0.57	<10
H742134		10	15.70	1420	<1	0.46	997	520	<2	0.14	<5	14	258	<20	0.58	<10
H742135		10	15.90	1410	<1	0.40	1010	520	<2	0.28	<5	14	275	<20	0.55	<10
H742136		10	16.30	1430	<1	0.40	1100	500	<2	0.25	<5	13	267	<20	0.54	<10
H742137		10	15.85	1395	<1	0.37	1070	520	<2	0.39	<5	12	258	<20	0.54	<10
H742138		10	16.30	1420	<1	0.33	1080	500	<2	0.39	<5	12	245	<20	0.53	<10
H742139		10	16.20	1425	<1	0.40	1070	490	<2	0.39	<5	12	281	<20	0.52	<10
H742140		10	16.35	1445	<1	0.30	1060	480	<2	0.47	<5	11	263	<20	0.51	<10
H742141		10	16.30	1410	<1	0.35	1110	500	<2	0.25	<5	11	248	<20	0.51	<10
H742142		10	16.60	1385	<1	0.37	1100	480	<2	0.56	<5	11	257	<20	0.50	<10
H742143		10	16.60	1460	<1	0.40	1110	480	4	0.62	<5	11	249	<20	0.49	<10
H742143 CRD		10	16.65	1460	<1	0.40	1120	480	2	0.63	<5	11	248	<20	0.48	<10
H742144		10	16.75	1480	<1	0.44	1160	470	<2	0.59	<5	11	283	<20	0.50	<10
H742145		10	16.70	1470	<1	0.48	1160	490	<2	0.59	<5	11	261	<20	0.49	<10
H742146		10	17.40	1460	<1	0.39	1190	470	<2	0.47	<5	11	244	<20	0.49	<10
H742147		10	16.85	1490	<1	0.35	1200	460	5	0.46	<5	11	227	<20	0.46	<10
H742148		10	17.55	1460	<1	0.37	1240	470	5	0.49	<5	10	230	<20	0.48	<10
H742149		10	16.75	1360	<1	0.36	1190	430	<2	0.20	<5	10	219	<20	0.46	<10
H742150		10	0.86	389	25	1.51	2410	330	8	2.27	<5	3	428	<20	0.09	<10
H742151		10	17.25	1400	<1	0.33	1230	430	3	0.36	<5	10	244	<20	0.46	<10
H742152		10	17.15	1395	<1	0.47	1320	450	<2	0.35	<5	10	238	<20	0.47	<10
H742153		10	17.05	1495	<1	0.49	1390	450	<2	0.59	<5	10	242	<20	0.45	<10
H742154		10	17.50	1390	<1	0.44	1500	410	<2	0.25	<5	10	228	<20	0.45	<10
H742155		10	17.05	1385	<1	0.41	1310	450	<2	0.18	<5	10	228	<20	0.47	<10
H742156		10	17.55	1560	<1	0.35	1250	440	3	0.62	<5	11	251	<20	0.46	<10
H742157		10	18.10	1605	<1	0.38	1340	490	<2	0.41	<5	11	273	<20	0.49	<10
H742158		10	16.85	1435	<1	0.38	1200	420	<2	0.25	<5	11	224	<20	0.47	<10

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168224		<10	116	<10	112	0.004	0.0465	0.042			
G168225		<10	167	<10	109	0.068	>1.00	>1.00	0.07	1.08	1.04
H742123		80	2	<10	84	0.002	0.0021	0.001			
H742123 CRD		90	2	<10	126	0.002	0.0128	0.009			
H742124		30	20	<10	36	0.001	<0.0005	<0.001			
H742125		<10	269	10	107	0.007	0.0142	0.008			
H742126		<10	292	<10	104	0.002	0.0026	0.001			
H742127		<10	171	<10	120	0.006	0.0473	0.038			
H742128		<10	157	<10	119	0.003	0.0234	0.016			
H742129		<10	161	<10	116	0.003	0.0175	0.012			
H742130		<10	113	<10	287	0.117	>1.00	0.570	0.12	1.33	0.61
H742131		<10	154	<10	110	0.004	0.0438	0.032			
H742132		<10	137	<10	102	0.003	0.0318	0.024			
H742133		<10	134	<10	101	0.005	0.0461	0.037			
H742134		<10	131	<10	102	0.005	0.0553	0.046			
H742135		<10	127	<10	104	0.005	0.0552	0.048			
H742136		<10	120	<10	103	0.008	0.0785	0.073			
H742137		<10	121	<10	103	0.005	0.0451	0.037			
H742138		<10	121	<10	104	0.004	0.0454	0.037			
H742139		<10	116	<10	104	0.004	0.0490	0.041			
H742140		<10	114	<10	106	0.003	0.0296	0.026			
H742141		<10	114	<10	102	0.007	0.0706	0.060			
H742142		<10	111	<10	99	0.005	0.0627	0.053			
H742143		<10	109	<10	119	0.007	0.0539	0.050			
H742143 CRD		<10	109	<10	118	0.005	0.0540	0.050			
H742144		<10	111	<10	114	0.005	0.0524	0.047			
H742145		<10	110	<10	112	0.005	0.0489	0.042			
H742146		<10	109	<10	110	0.005	0.0478	0.040			
H742147		<10	106	<10	123	0.005	0.0559	0.049			
H742148		<10	107	<10	108	0.008	0.1075	0.093			
H742149		<10	105	<10	98	0.004	0.0700	0.054			
H742150		<10	39	<10	36	0.018	0.0107	0.014			
H742151		<10	104	<10	105	0.005	0.0618	0.054			
H742152		<10	106	<10	105	0.010	0.1495	0.136			
H742153		<10	108	<10	125	0.011	0.1545	0.138			
H742154		<10	114	<10	104	0.014	0.208	0.173			
H742155		<10	109	<10	101	0.007	0.0823	0.069			
H742156		<10	109	<10	130	0.005	0.0654	0.053			
H742157		<10	116	<10	132	0.010	0.1325	0.111			
H742158		<10	109	<10	104	0.008	0.0918	0.079			

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742159		4.77	<0.5	1.85	<5	90	<0.5	<2	2.10	<0.5	133	2790	175	9.68	<10	0.24
H742160		0.09	<0.5	6.39	<5	910	1.0	<2	1.32	<0.5	2	21	14	1.55	10	2.10
H742161		4.66	<0.5	2.01	<5	100	0.5	<2	2.27	<0.5	135	2890	168	10.00	<10	0.25
H742162		4.72	<0.5	2.04	8	110	0.5	<2	2.30	<0.5	135	2960	572	9.89	<10	0.29
H742163		4.67	0.5	2.00	6	90	0.5	<2	2.33	<0.5	143	3080	757	10.45	<10	0.23
H742163 CRD		0.03	0.5	1.97	<5	90	0.5	<2	2.30	<0.5	141	3030	781	10.30	10	0.23
H742164		4.71	<0.5	2.10	<5	110	0.5	<2	2.42	<0.5	140	2760	361	10.40	10	0.23
H742165		4.62	<0.5	2.11	<5	110	0.6	<2	2.37	<0.5	134	2710	330	10.20	<10	0.26
H742166		4.63	<0.5	2.09	<5	110	0.5	<2	2.44	<0.5	136	2580	341	10.05	<10	0.24
H742167		4.52	<0.5	2.11	8	100	0.5	<2	2.55	<0.5	132	2720	329	10.10	10	0.25
H742168		4.68	<0.5	2.10	5	100	0.5	<2	2.60	<0.5	126	2700	286	9.62	<10	0.25
H742169		4.61	<0.5	2.23	7	110	0.5	<2	2.73	<0.5	123	2630	264	9.53	10	0.26
H742170		0.10	20.3	7.02	196	440	0.7	2	3.14	2.9	13	100	334	4.13	10	0.82
H742171		4.67	<0.5	2.49	<5	130	0.6	<2	2.96	<0.5	120	2680	287	9.60	10	0.28
H742172		4.14	<0.5	2.69	<5	140	0.7	<2	2.99	<0.5	116	2540	202	9.36	<10	0.30
H742173		4.38	<0.5	2.64	<5	120	0.6	<2	3.22	<0.5	117	2630	205	9.66	<10	0.25
H742174		4.48	<0.5	2.69	<5	130	0.6	<2	3.30	<0.5	119	2710	247	9.74	<10	0.28
H742175		2.32	<0.5	2.87	5	140	0.7	<2	3.32	<0.5	115	2660	253	9.56	10	0.37
H742176		4.46	<0.5	2.85	<5	130	0.7	<2	3.07	<0.5	120	2810	357	9.69	10	0.34
H742177		4.62	<0.5	2.64	<5	130	0.6	<2	2.94	<0.5	123	2630	852	9.75	10	0.33
H742178		2.26	1.5	2.73	<5	140	0.7	<2	2.96	<0.5	147	2530	3330	10.40	10	0.42
H742179		2.48	0.9	2.97	<5	140	0.7	<2	3.13	<0.5	146	2520	2780	10.45	10	0.43
H742180		1.03	0.9	2.86	<5	120	0.6	<2	3.14	<0.5	140	2320	2730	10.15	10	0.29
H742181		2.30	0.5	3.48	<5	180	1.0	<2	3.45	<0.5	97	1735	321	9.20	10	0.45
H742182		2.22	0.7	3.29	<5	230	1.0	<2	3.63	<0.5	105	1710	900	9.95	10	0.41
H742183		3.08	0.7	4.33	<5	270	1.0	<2	4.09	<0.5	94	1420	1035	9.92	20	0.37
H742183 CRD		0.04	0.7	4.18	<5	270	1.0	<2	4.02	<0.5	92	1380	1015	9.77	20	0.36
H742184		3.94	<0.5	7.59	<5	360	2.3	<2	1.57	<0.5	34	87	978	6.33	20	1.92
H742185		5.50	<0.5	7.54	<5	550	2.4	<2	0.57	<0.5	18	119	24	4.14	20	2.75
H742186		4.70	<0.5	7.61	<5	430	2.6	<2	0.61	<0.5	21	114	36	3.87	20	2.28

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Finalized Date: 4-SEP-2009
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CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742159		10	16.75	1400	<1	0.39	1180	460	<2	0.24	<5	11	229	<20	0.48	<10
H742160		10	0.20	592	1	2.66	3	190	5	0.01	<5	5	182	<20	0.12	<10
H742161		10	17.10	1440	<1	0.50	1230	500	<2	0.24	<5	11	257	<20	0.49	<10
H742162		10	17.00	1420	<1	0.48	1350	470	<2	0.46	<5	11	268	<20	0.47	<10
H742163		10	17.50	1470	<1	0.51	1450	490	<2	0.53	<5	12	253	<20	0.50	<10
H742163 CRD		10	17.25	1445	<1	0.51	1430	490	<2	0.53	<5	11	250	<20	0.50	<10
H742164		10	17.40	1465	<1	0.58	1230	540	<2	0.28	<5	12	272	<20	0.52	<10
H742165		10	16.90	1445	<1	0.65	1190	530	<2	0.25	<5	12	252	<20	0.52	<10
H742166		10	16.65	1425	<1	0.64	1180	490	<2	0.19	<5	12	256	<20	0.52	<10
H742167		10	16.85	1440	<1	0.56	1200	470	<2	0.20	<5	13	268	<20	0.54	<10
H742168		10	15.75	1365	1	0.48	1140	500	<2	0.46	<5	12	271	<20	0.54	<10
H742169		10	15.55	1355	<1	0.52	1120	560	<2	0.47	<5	13	296	<20	0.57	<10
H742170		10	1.44	749	184	2.00	104	530	246	0.25	10	14	268	<20	0.30	<10
H742171		20	15.40	1370	<1	0.60	1110	560	<2	0.38	<5	14	321	<20	0.62	<10
H742172		20	14.50	1365	<1	0.57	1030	610	<2	0.40	<5	14	308	<20	0.65	<10
H742173		10	15.00	1390	<1	0.58	1040	580	<2	0.41	<5	15	325	<20	0.66	<10
H742174		20	15.05	1385	<1	0.62	1080	670	<2	0.22	<5	16	319	<20	0.72	<10
H742175		20	14.50	1365	<1	0.64	1060	610	2	0.39	<5	15	342	<20	0.71	<10
H742176		20	14.65	1410	<1	0.57	1130	650	<2	0.85	<5	16	285	<20	0.70	<10
H742177		10	14.70	1415	1	0.61	1325	660	5	0.61	<5	15	308	<20	0.69	<10
H742178		20	13.70	1385	3	0.60	2250	650	6	0.96	<5	15	300	<20	0.70	<10
H742179		20	13.30	1380	2	0.60	2060	710	7	1.05	<5	16	318	<20	0.75	<10
H742180		20	12.35	1305	<1	0.62	2120	720	6	1.34	<5	16	298	<20	0.76	<10
H742181		20	12.10	1375	6	0.77	853	820	5	0.58	<5	16	371	<20	0.90	<10
H742182		20	12.00	1500	4	0.62	1050	910	7	0.87	<5	15	381	<20	0.96	<10
H742183		20	11.10	1650	<1	0.88	1015	900	8	1.13	<5	21	268	<20	1.03	<10
H742183 CRD		20	11.00	1635	<1	0.86	998	890	9	1.14	<5	21	263	<20	1.01	<10
H742184		30	3.13	665	<1	2.09	298	1190	22	2.37	<5	14	140	<20	0.80	<10
H742185		20	2.43	459	<1	1.55	75	830	6	0.47	<5	14	112	<20	0.36	<10
H742186		20	2.36	452	<1	2.26	66	930	5	0.60	<5	12	141	<20	0.33	<10

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

Finalized Date: 4-SEP-2009
Account: MGMAM

Project: SD09-145 BL

CERTIFICATE OF ANALYSIS TB09085729

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742159		<10	107	<10	102	0.007	0.0787	0.074			
H742160		20	16	<10	29	0.001	0.0005	<0.001			
H742161		<10	111	<10	103	0.007	0.0785	0.075			
H742162		<10	110	<10	111	0.019	0.262	0.261			
H742163		<10	119	<10	110	0.025	0.335	0.321			
H742163 CRD		<10	117	<10	108	0.026	0.346	0.342			
H742164		<10	118	<10	105	0.012	0.1555	0.144			
H742165		<10	119	<10	105	0.011	0.1250	0.115			
H742166		<10	121	<10	102	0.012	0.1225	0.120			
H742167		<10	126	<10	105	0.010	0.1310	0.124			
H742168		<10	124	<10	102	0.010	0.1205	0.110			
H742169		<10	129	<10	99	0.009	0.1020	0.092			
H742170		10	101	<10	368	0.530	0.0947	0.424			
H742171		<10	138	<10	101	0.008	0.0999	0.090			
H742172		<10	143	<10	99	0.007	0.0746	0.065			
H742173		<10	149	<10	103	0.006	0.0615	0.053			
H742174		<10	155	<10	105	0.007	0.0849	0.072			
H742175		<10	158	<10	103	0.007	0.0803	0.068			
H742176		<10	162	<10	106	0.013	0.1310	0.118			
H742177		<10	144	<10	105	0.026	0.329	0.323			
H742178		<10	148	<10	108	0.100	>1.00	>1.00	0.10	1.43	1.36
H742179		<10	159	<10	106	0.077	>1.00	>1.00	0.07	1.17	1.10
H742180		<10	159	<10	102	0.073	>1.00	>1.00	0.07	1.19	1.15
H742181		<10	179	<10	106	0.008	0.1240	0.113			
H742182		<10	198	<10	120	0.026	0.330	0.322			
H742183		<10	221	<10	171	0.028	0.370	0.356			
H742183 CRD		<10	215	<10	169	0.025	0.373	0.364			
H742184		<10	151	<10	82	0.043	0.460	0.439			
H742185		<10	123	<10	36	0.002	0.0034	0.003			
H742186		<10	107	<10	39	0.002	0.0024	0.002			

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

Finalized Date: 7-SEP-2009
Account: MGMAM

CERTIFICATE TB09087264

Project: SD09-146 BL

P.O. No.:

This report is for 93 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 18-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168226		2.12	<0.5	1.26	9	70	<0.5	<2	1.60	<0.5	143	3240	94	10.25	10	0.13
G168227		2.25	<0.5	2.76	<5	110	0.6	<2	3.10	<0.5	118	2840	239	9.94	10	0.33
H742187		4.55	<0.5	8.13	<5	860	2.9	<2	0.51	<0.5	21	123	34	4.23	20	2.59
H742188		4.17	<0.5	7.89	<5	570	2.4	<2	0.58	<0.5	22	141	9	4.27	30	2.64
H742189		3.46	<0.5	3.44	17	180	2.0	<2	0.51	<0.5	15	96	305	3.22	10	0.91
H742190		0.10	1.1	8.99	<5	70	<0.5	<2	7.10	<0.5	103	469	3690	6.68	10	0.40
H742191		2.24	<0.5	5.20	33	240	1.7	<2	0.46	<0.5	30	163	393	5.00	20	0.77
H742192		4.25	<0.5	6.78	41	480	1.7	<2	0.82	<0.5	26	151	221	5.56	20	1.44
H742193		4.40	<0.5	6.54	34	600	1.8	<2	1.19	<0.5	24	91	63	5.86	20	1.61
H742194		4.60	<0.5	7.13	13	490	2.5	<2	1.80	<0.5	21	46	113	6.18	20	1.40
H742195		2.58	<0.5	6.37	46	90	1.9	<2	3.88	0.8	48	218	706	7.37	20	0.35
H742196		2.04	2.2	6.25	42	40	1.8	<2	4.66	6.6	37	69	351	7.70	20	0.21
H742197		2.30	0.5	2.72	7	80	0.7	<2	5.94	<0.5	93	1165	582	8.84	10	0.25
H742198		5.07	1.0	2.64	12	100	0.7	<2	4.60	<0.5	114	1490	1560	9.69	10	0.27
H742199		2.53	3.0	2.54	8	130	0.7	<2	3.81	<0.5	171	1895	4710	11.65	10	0.31
H742200		0.09	<0.5	6.59	<5	950	1.0	<2	1.42	<0.5	3	33	25	1.63	10	2.17
H742201		2.54	2.1	2.65	11	130	0.7	<2	3.69	<0.5	151	2010	3180	11.15	10	0.31
H742202		2.38	1.0	2.59	5	130	0.7	<2	3.46	<0.5	129	1965	1420	10.25	10	0.31
H742203		2.50	0.9	2.73	5	140	0.7	<2	3.22	<0.5	121	1905	988	9.83	10	0.36
H742203 CRD		<0.02	1.0	2.80	<5	140	0.7	<2	3.33	<0.5	125	2110	1030	10.15	10	0.36
H742204		2.54	<0.5	2.64	<5	130	0.7	<2	3.06	<0.5	119	1960	784	9.84	10	0.31
H742205		2.53	<0.5	2.49	5	130	0.7	<2	3.02	<0.5	117	2120	520	9.87	10	0.35
H742206		2.63	<0.5	2.40	13	120	0.6	<2	3.03	<0.5	117	2050	510	9.82	10	0.33
H742207		5.00	<0.5	2.42	6	100	0.6	<2	3.59	<0.5	118	2070	310	10.20	10	0.23
H742208		4.89	<0.5	2.34	9	110	0.6	<2	3.15	<0.5	122	2300	210	10.25	10	0.27
H742209		5.07	<0.5	2.16	5	110	0.5	<2	3.02	<0.5	123	2460	152	10.00	10	0.25
H742210		0.10	0.5	6.80	<5	60	<0.5	<2	4.95	<0.5	76	3420	686	6.51	10	0.16
H742211		5.02	<0.5	1.93	14	110	0.5	<2	2.58	<0.5	128	2610	94	10.25	10	0.25
H742212		5.23	<0.5	1.88	<5	90	0.5	<2	2.41	<0.5	133	2710	153	10.45	10	0.23
H742213		4.80	<0.5	1.68	9	80	<0.5	<2	2.33	<0.5	132	2730	195	10.35	10	0.19
H742214		4.90	<0.5	1.61	9	90	<0.5	3	2.24	<0.5	141	2740	154	10.55	<10	0.19
H742215		4.82	<0.5	1.49	32	80	<0.5	<2	2.17	<0.5	140	2890	158	10.35	<10	0.15
H742216		4.97	<0.5	1.52	34	70	<0.5	<2	1.96	<0.5	147	3080	181	10.60	<10	0.16
H742217		5.00	<0.5	1.39	20	70	<0.5	<2	1.82	<0.5	144	2940	86	10.50	<10	0.15
H742218		4.88	<0.5	1.33	28	70	<0.5	<2	1.69	<0.5	145	3290	188	10.45	<10	0.13
H742219		4.73	<0.5	1.27	17	60	<0.5	2	1.62	<0.5	141	3170	119	10.15	<10	0.12
H742220		2.26	<0.5	1.22	12	60	<0.5	2	1.54	<0.5	143	3240	77	10.05	<10	0.12
H742221		4.69	<0.5	1.18	70	50	<0.5	2	1.82	<0.5	141	3140	158	9.88	<10	0.11
H742222		4.73	<0.5	1.16	7	60	<0.5	<2	1.45	<0.5	147	3080	385	10.15	<10	0.13
H742223		4.74	<0.5	1.18	13	60	<0.5	<2	1.58	<0.5	147	3090	172	10.60	<10	0.13

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168226		10	19.10	1485	<1	0.19	1300	320	<2	0.20	<5	9	148	<20	0.34	<10
G168227		20	15.35	1380	<1	0.56	1120	610	<2	0.16	<5	14	307	<20	0.68	<10
H742187		20	2.24	530	1	1.92	80	860	3	0.19	<5	15	157	<20	0.41	<10
H742188		30	2.63	579	5	1.63	94	1170	2	0.23	<5	16	93	<20	0.40	<10
H742189		10	1.82	287	100	0.36	74	480	<2	1.29	<5	7	26	<20	0.26	<10
H742190		<10	6.11	839	1	1.15	3120	100	5	1.72	<5	16	86	<20	0.12	<10
H742191		20	3.46	579	1	1.29	174	830	2	1.42	<5	13	49	<20	0.54	<10
H742192		30	3.23	637	<1	2.50	72	880	<2	2.64	<5	17	112	<20	0.63	<10
H742193		20	2.79	680	<1	2.84	34	1020	<2	2.61	<5	16	125	<20	0.80	<10
H742194		30	2.61	754	1	3.01	21	1190	<2	0.32	<5	17	138	<20	0.90	<10
H742195		20	4.98	1800	1	2.31	239	1110	97	0.35	<5	24	100	<20	1.13	<10
H742196		30	5.16	2880	1	2.49	135	1400	589	0.24	<5	23	90	<20	1.56	<10
H742197		10	11.55	1355	<1	0.37	696	550	51	0.32	<5	27	200	<20	0.67	<10
H742198		20	12.50	1420	<1	0.39	997	610	<2	0.78	<5	21	244	<20	0.67	<10
H742199		10	13.15	1375	<1	0.40	2200	650	4	0.82	<5	17	281	<20	0.63	<10
H742200		10	0.24	604	<1	2.77	7	190	8	0.01	<5	5	180	<20	0.12	<10
H742201		20	14.10	1440	<1	0.41	1735	700	5	0.80	<5	16	342	<20	0.66	<10
H742202		20	14.35	1405	<1	0.43	1260	620	2	0.58	<5	16	334	<20	0.66	<10
H742203		20	14.15	1370	<1	0.57	1120	610	2	0.44	<5	14	337	<20	0.65	<10
H742203 CRD		20	14.45	1415	<1	0.58	1165	610	<2	0.49	<5	15	349	<20	0.67	<10
H742204		20	14.60	1390	1	0.58	1155	600	<2	0.23	<5	14	290	<20	0.65	<10
H742205		20	14.85	1405	<1	0.52	1010	680	<2	0.18	<5	14	317	<20	0.63	<10
H742206		20	15.05	1400	<1	0.45	1040	690	<2	0.30	<5	14	314	<20	0.61	<10
H742207		10	15.30	1495	<1	0.38	995	540	<2	0.14	<5	16	275	<20	0.67	<10
H742208		10	16.00	1455	<1	0.40	1050	530	<2	0.28	<5	14	268	<20	0.62	<10
H742209		10	16.50	1440	<1	0.38	1065	510	2	0.18	<5	13	261	<20	0.55	<10
H742210		10	10.05	1140	<1	0.79	1405	160	4	0.33	<5	19	183	<20	0.11	<10
H742211		10	17.25	1490	<1	0.42	1115	480	3	0.20	<5	12	283	<20	0.50	<10
H742212		10	17.65	1490	<1	0.44	1165	450	<2	0.14	<5	12	220	<20	0.49	<10
H742213		10	17.75	1480	<1	0.33	1170	390	<2	0.16	<5	11	205	<20	0.44	<10
H742214		10	18.95	1495	<1	0.24	1230	420	2	0.19	<5	11	210	<20	0.42	<10
H742215		10	18.40	1515	<1	0.25	1225	370	6	0.26	<5	11	223	<20	0.39	<10
H742216		10	19.50	1530	<1	0.30	1310	380	3	0.35	<5	10	189	<20	0.40	<10
H742217		10	19.75	1495	<1	0.26	1285	350	2	0.26	<5	10	172	<20	0.38	<10
H742218		10	19.80	1505	<1	0.21	1355	340	4	0.46	<5	9	172	<20	0.36	<10
H742219		10	18.80	1455	<1	0.19	1305	330	4	0.16	<5	9	155	<20	0.34	<10
H742220		10	18.90	1435	<1	0.17	1290	310	2	0.19	<5	9	146	<20	0.33	<10
H742221		10	19.30	1470	<1	0.12	1300	300	8	0.48	<5	8	160	<20	0.32	<10
H742222		10	19.25	1430	<1	0.14	1400	300	4	0.19	<5	9	136	<20	0.32	<10
H742223		10	19.95	1520	<1	0.16	1390	310	4	0.23	<5	9	144	<20	0.32	<10

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168226		<10	86	<10	117	0.004	0.0518	0.041			
G168227		<10	148	<10	101	0.007	0.0790	0.062			
H742187		<10	127	<10	50	0.001	0.0020	0.002			
H742188		<10	128	<10	62	0.002	0.0024	0.002			
H742189		<10	64	<10	26	0.011	0.0896	0.086			
H742190		<10	80	<10	69	0.060	0.1955	0.705			
H742191		<10	120	<10	60	0.012	0.1635	0.159			
H742192		<10	154	<10	70	0.007	0.0302	0.020			
H742193		<10	181	<10	64	0.002	0.0117	0.007			
H742194		<10	206	<10	71	0.002	0.0009	0.001			
H742195		<10	240	<10	194	0.013	0.1010	0.077			
H742196		<10	309	<10	1775	0.007	0.0906	0.077			
H742197		<10	148	<10	121	0.012	0.1715	0.163			
H742198		<10	146	<10	107	0.037	0.530	0.518			
H742199		<10	141	<10	105	0.101	>1.00	>1.00	0.10	1.78	1.73
H742200		10	16	<10	29	0.001	0.0023	0.002			
H742201		<10	146	<10	114	0.068	0.983	0.977			
H742202		<10	138	<10	104	0.039	0.575	0.560			
H742203		<10	136	<10	103	0.027	0.376	0.355			
H742203 CRD		<10	141	<10	106	0.024	0.380	0.355			
H742204		<10	135	<10	101	0.018	0.291	0.265			
H742205		<10	137	<10	102	0.011	0.1745	0.169			
H742206		<10	131	<10	102	0.012	0.1915	0.178			
H742207		<10	150	<10	111	0.009	0.1145	0.105			
H742208		<10	138	<10	107	0.007	0.0892	0.076			
H742209		<10	124	<10	104	0.006	0.0575	0.051			
H742210		<10	111	<10	291	0.118	>1.00	0.563	0.17	1.35	0.62
H742211		<10	117	<10	106	0.003	0.0306	0.027			
H742212		<10	115	<10	106	0.004	0.0479	0.042			
H742213		<10	109	<10	107	0.006	0.0870	0.074			
H742214		<10	104	<10	103	0.006	0.0742	0.064			
H742215		<10	98	<10	108	0.006	0.0663	0.058			
H742216		<10	97	<10	108	0.007	0.0834	0.073			
H742217		<10	90	<10	106	0.003	0.0472	0.040			
H742218		<10	91	<10	106	0.006	0.0824	0.073			
H742219		<10	86	<10	108	0.004	0.0733	0.059			
H742220		<10	85	<10	106	0.002	0.0450	0.035			
H742221		<10	82	<10	96	0.006	0.0695	0.063			
H742222		<10	80	<10	98	0.013	0.1790	0.165			
H742223		<10	82	<10	107	0.006	0.0819	0.072			

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742223 CRD		0.02	<0.5	1.12	9	50	<0.5	<2	1.52	<0.5	144	3010	171	10.25	<10	0.13
H742224		4.82	<0.5	1.12	9	50	<0.5	<2	1.50	<0.5	147	3260	133	10.40	10	0.13
H742225		4.45	<0.5	1.11	13	50	<0.5	<2	1.62	<0.5	145	3200	204	10.20	<10	0.10
H742226		4.77	<0.5	1.18	16	60	<0.5	2	1.57	<0.5	151	2990	449	10.45	10	0.11
H742227		4.84	<0.5	1.20	19	60	<0.5	<2	1.58	<0.5	143	2990	199	10.30	10	0.12
H742228		4.77	<0.5	1.25	22	60	<0.5	<2	1.61	<0.5	146	3120	132	10.25	<10	0.14
H742229		4.72	<0.5	1.28	23	90	<0.5	<2	1.64	<0.5	144	3200	126	10.10	10	0.15
H742230		0.10	1.0	6.09	9	650	0.7	<2	1.40	<0.5	83	106	3470	4.76	10	2.64
H742231		4.88	<0.5	1.36	16	70	<0.5	<2	1.16	<0.5	141	3170	299	10.65	<10	0.25
H742232		4.88	<0.5	1.27	43	80	<0.5	<2	1.60	<0.5	139	3150	217	10.15	<10	0.18
H742233		4.92	<0.5	1.54	26	80	0.5	<2	1.76	<0.5	149	3280	652	10.55	10	0.24
H742234		4.95	<0.5	1.57	8	80	<0.5	2	1.81	<0.5	140	3250	179	10.10	<10	0.21
H742235		4.96	<0.5	1.66	15	80	<0.5	<2	1.96	<0.5	142	3250	309	10.10	<10	0.19
H742236		4.99	<0.5	1.64	8	70	<0.5	<2	1.99	<0.5	144	3350	341	10.00	<10	0.19
H742237		4.80	<0.5	1.81	5	90	<0.5	<2	2.07	<0.5	140	3630	372	9.79	<10	0.16
H742238		4.47	<0.5	1.57	22	70	<0.5	<2	1.99	<0.5	136	4160	310	9.88	<10	0.13
H742239		4.71	<0.5	1.71	15	80	<0.5	<2	1.97	<0.5	147	3970	682	10.20	10	0.15
H742240		0.09	<0.5	6.62	8	960	1.0	<2	1.39	<0.5	<1	20	17	1.56	10	2.25
H742241		4.83	<0.5	1.74	<5	80	<0.5	2	1.97	<0.5	144	3620	443	10.30	<10	0.18
H742242		4.91	<0.5	1.74	10	80	<0.5	<2	1.95	<0.5	137	3230	258	9.99	<10	0.16
H742243		4.79	<0.5	1.77	13	90	0.5	<2	1.90	<0.5	137	3180	213	10.20	<10	0.18
H742243 CRD		<0.02	<0.5	1.68	9	90	<0.5	<2	1.90	<0.5	134	3150	203	9.90	<10	0.17
H742244		4.56	<0.5	1.84	13	80	<0.5	3	2.03	<0.5	135	2850	225	9.83	10	0.17
H742245		4.63	<0.5	1.86	10	90	0.5	<2	2.07	<0.5	136	2750	494	9.87	10	0.18
H742246		4.70	<0.5	1.97	7	90	0.5	3	2.17	<0.5	134	2880	126	9.80	<10	0.20
H742247		4.70	<0.5	2.01	<5	100	0.5	<2	2.24	<0.5	134	2970	149	9.93	<10	0.23
H742248		4.40	<0.5	2.00	13	110	0.5	<2	2.42	<0.5	131	3010	228	10.05	<10	0.23
H742249		4.66	<0.5	2.10	9	100	0.5	<2	2.40	<0.5	135	2710	298	10.20	<10	0.24
H742250		0.10	19.0	7.50	217	490	0.7	2	3.46	3.1	15	105	346	4.36	20	0.90
H742251		4.77	<0.5	2.16	6	100	0.5	<2	2.55	<0.5	133	2580	145	10.30	10	0.22
H742252		4.90	<0.5	2.13	<5	100	0.5	<2	2.62	<0.5	133	2550	197	10.40	<10	0.24
H742253		4.75	<0.5	2.20	6	100	0.5	3	2.62	<0.5	128	2370	367	9.93	<10	0.22
H742254		4.57	<0.5	2.23	5	100	0.5	<2	2.58	<0.5	122	2990	380	9.51	<10	0.20
H742255		4.73	<0.5	2.51	13	110	0.5	<2	3.09	<0.5	117	3150	189	9.34	10	0.21
H742256		4.64	<0.5	2.35	34	100	0.5	<2	2.88	<0.5	118	3420	238	9.23	10	0.19
H742257		4.63	<0.5	2.39	23	110	0.6	<2	2.83	<0.5	123	3360	263	9.65	<10	0.25
H742258		4.71	<0.5	2.41	13	120	0.6	<2	2.88	<0.5	124	3180	227	9.72	<10	0.25
H742259		4.44	<0.5	2.60	29	110	0.6	<2	3.11	<0.5	120	2940	214	9.73	<10	0.25
H742260		2.16	<0.5	2.80	5	120	0.6	<2	3.08	<0.5	122	2800	224	9.84	<10	0.33
H742261		2.45	<0.5	2.93	<5	120	0.7	<2	3.22	<0.5	118	2710	286	9.88	10	0.40

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THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742223 CRD		10	19.25	1460	<1	0.15	1360	300	2	0.19	<5	9	138	<20	0.32	<10
H742224		10	19.70	1460	<1	0.15	1375	300	2	0.13	<5	9	132	<20	0.32	<10
H742225		10	19.55	1435	<1	0.11	1345	290	2	0.27	<5	8	116	<20	0.31	<10
H742226		10	19.60	1475	<1	0.15	1455	310	3	0.36	<5	9	150	<20	0.33	<10
H742227		10	19.70	1450	<1	0.16	1315	310	2	0.38	<5	9	149	<20	0.32	<10
H742228		10	19.40	1485	<1	0.17	1325	330	8	0.39	<5	9	156	<20	0.31	<10
H742229		10	19.70	1475	<1	0.15	1325	350	4	0.97	<5	8	156	<20	0.25	<10
H742230		10	0.96	412	27	1.70	2560	340	9	2.40	<5	3	431	<20	0.10	<10
H742231		10	18.70	1585	<1	0.19	1365	370	4	0.41	<5	6	158	<20	0.28	<10
H742232		10	18.90	1485	<1	0.16	1340	330	4	0.96	<5	8	151	<20	0.26	<10
H742233		10	19.45	1510	<1	0.23	1630	390	4	0.65	<5	9	192	<20	0.32	<10
H742234		10	19.05	1420	<1	0.31	1355	400	<2	0.12	<5	10	188	<20	0.38	<10
H742235		10	19.10	1430	<1	0.34	1395	400	3	0.34	<5	10	224	<20	0.39	<10
H742236		10	19.30	1405	<1	0.33	1460	410	3	0.17	<5	10	203	<20	0.40	<10
H742237		10	19.15	1370	<1	0.29	1495	370	2	0.34	<5	10	247	<20	0.39	<10
H742238		10	18.65	1370	<1	0.24	1505	380	5	0.58	<5	10	204	<20	0.39	<10
H742239		10	18.80	1420	<1	0.24	1715	400	5	0.36	<5	10	216	<20	0.40	<10
H742240		10	0.22	598	1	2.82	4	200	8	0.01	<5	5	174	<20	0.12	<10
H742241		10	19.55	1440	<1	0.37	1515	400	6	0.14	<5	11	214	<20	0.43	<10
H742242		10	18.30	1400	<1	0.33	1370	410	3	0.15	<5	10	219	<20	0.43	<10
H742243		10	18.65	1430	<1	0.33	1330	440	2	0.12	<5	10	208	<20	0.45	<10
H742243 CRD		10	18.25	1385	<1	0.32	1305	410	4	0.12	<5	10	199	<20	0.44	<10
H742244		10	18.05	1390	<1	0.34	1260	450	4	0.26	<5	10	229	<20	0.44	<10
H742245		10	18.15	1380	<1	0.35	1355	460	<2	0.33	<5	11	236	<20	0.47	<10
H742246		10	18.20	1385	<1	0.44	1260	470	4	0.08	<5	11	244	<20	0.47	<10
H742247		10	18.00	1395	<1	0.54	1270	500	5	0.06	<5	11	247	<20	0.50	<10
H742248		10	17.90	1425	<1	0.44	1270	510	6	0.35	<5	12	269	<20	0.52	<10
H742249		10	17.50	1435	<1	0.59	1250	480	4	0.06	<5	12	257	<20	0.54	<10
H742250		10	1.60	800	196	2.20	114	570	272	0.27	13	14	268	<20	0.33	<10
H742251		10	17.65	1460	<1	0.62	1165	500	5	0.04	<5	13	269	<20	0.56	<10
H742252		10	17.65	1465	<1	0.64	1160	560	<2	0.08	<5	13	262	<20	0.59	<10
H742253		10	16.75	1395	<1	0.64	1160	510	3	0.08	<5	13	269	<20	0.57	<10
H742254		10	16.55	1335	<1	0.49	1260	490	4	0.12	<5	12	268	<20	0.57	<10
H742255		10	16.00	1345	<1	0.49	1185	620	4	0.21	<5	13	307	<20	0.62	<10
H742256		10	16.05	1350	<1	0.43	1230	500	7	0.48	<5	12	308	<20	0.56	<10
H742257		10	16.70	1385	<1	0.45	1285	540	6	0.34	<5	13	310	<20	0.58	<10
H742258		10	16.55	1355	<1	0.40	1240	510	3	0.43	<5	13	309	<20	0.60	<10
H742259		10	16.05	1380	<1	0.40	1165	560	6	0.54	<5	13	310	<20	0.62	<10
H742260		10	15.75	1375	<1	0.55	1145	600	4	0.15	<5	14	321	<20	0.70	<10
H742261		20	15.45	1380	<1	0.60	1125	670	5	0.41	<5	14	337	<20	0.73	<10

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CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742223 CRD		<10	81	<10	101	0.006	0.0900	0.081			
H742224		<10	83	<10	99	0.005	0.0757	0.062			
H742225		<10	82	<10	99	0.008	0.1040	0.091			
H742226		<10	83	<10	102	0.013	0.1965	0.178			
H742227		<10	82	<10	101	0.007	0.0906	0.082			
H742228		<10	82	<10	110	0.008	0.0628	0.060			
H742229		<10	67	<10	102	0.004	0.0562	0.047			
H742230		10	41	10	35	0.015	0.0094	0.013			
H742231		<10	73	<10	120	0.009	0.1155	0.110			
H742232		<10	72	<10	108	0.014	0.0943	0.087			
H742233		<10	87	<10	105	0.022	0.309	0.300			
H742234		<10	94	<10	97	0.007	0.1090	0.094			
H742235		<10	97	<10	97	0.011	0.1755	0.155			
H742236		<10	100	<10	98	0.012	0.1850	0.168			
H742237		<10	101	<10	97	0.013	0.207	0.188			
H742238		<10	108	<10	99	0.011	0.1700	0.151			
H742239		<10	104	<10	98	0.024	0.407	0.365			
H742240		10	16	<10	27	0.001	0.0009	<0.001			
H742241		<10	107	<10	100	0.013	0.229	0.188			
H742242		<10	102	<10	98	0.009	0.1405	0.118			
H742243		<10	103	<10	99	0.008	0.1170	0.101			
H742243 CRD		<10	101	<10	97	0.008	0.124	0.097			
H742244		<10	98	<10	97	0.007	0.102	0.086			
H742245		<10	101	<10	96	0.016	0.228	0.205			
H742246		<10	106	<10	96	0.005	0.0657	0.050			
H742247		<10	113	<10	99	0.005	0.0738	0.057			
H742248		<10	116	<10	103	0.007	0.101	0.074			
H742249		<10	121	<10	103	0.009	0.128	0.107			
H742250		10	113	<10	382	0.423	0.103	0.394			
H742251		<10	126	<10	104	0.005	0.0552	0.044			
H742252		<10	129	<10	103	0.007	0.0887	0.073			
H742253		<10	128	<10	100	0.011	0.162	0.135			
H742254		<10	128	<10	94	0.011	0.155	0.128			
H742255		<10	137	<10	98	0.006	0.0809	0.062			
H742256		<10	134	<10	101	0.008	0.121	0.092			
H742257		<10	137	<10	103	0.009	0.131	0.095			
H742258		<10	139	<10	101	0.007	0.0900	0.070			
H742259		<10	144	<10	104	0.007	0.0888	0.068			
H742260		<10	154	<10	101	0.006	0.0848	0.063			
H742261		<10	158	<10	101	0.007	0.0873	0.072			

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742262		2.34	<0.5	2.88	5	120	0.7	<2	3.20	<0.5	132	2780	1430	10.25	10	0.45
H742263		2.25	1.1	2.89	8	130	0.8	<2	2.92	<0.5	135	2660	2220	10.05	10	0.40
H742263 CRD		0.02	0.9	2.82	13	120	0.8	<2	2.88	<0.5	133	2490	2190	10.05	10	0.39
H742264		3.26	<0.5	2.93	5	90	0.6	<2	2.84	<0.5	109	2210	375	9.17	10	0.28
H742265		2.37	0.6	3.01	20	180	0.7	<2	3.16	<0.5	129	2220	1790	9.88	10	0.32
H742266		2.30	0.9	3.12	10	150	0.8	<2	3.04	<0.5	129	1910	1940	10.20	10	0.43
H742267		2.40	1.4	3.17	9	130	0.8	<2	3.16	<0.5	147	2100	2830	10.70	10	0.38
H742268		2.09	1.0	2.83	8	70	0.6	<2	2.37	<0.5	143	2460	1890	10.40	<10	0.25
H742269		1.07	1.8	4.66	26	120	0.9	<2	1.41	<0.5	136	1770	4860	9.90	10	0.51
H742270		0.10	0.7	8.32	<5	70	<0.5	<2	6.49	<0.5	96	427	3270	6.14	10	0.37
H742271		0.73	2.4	5.24	44	280	1.0	<2	1.45	<0.5	189	1120	6460	9.45	10	1.00
H742272		4.33	<0.5	8.10	45	750	1.2	<2	0.84	1.4	20	113	120	3.90	20	2.61
H742273		3.91	<0.5	8.21	9	600	1.4	<2	0.70	<0.5	16	107	17	3.76	20	2.47

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742262		20	14.90	1390	<1	0.58	1525	690	3	0.94	<5	15	320	<20	0.71	<10
H742263		20	13.85	1310	<1	0.55	1705	590	4	1.16	<5	14	289	<20	0.69	<10
H742263 CRD		20	13.65	1300	<1	0.54	1685	590	7	1.20	<5	14	282	<20	0.68	<10
H742264		20	13.95	1300	<1	0.42	1065	650	3	0.38	<5	14	244	<20	0.74	<10
H742265		20	13.75	1295	<1	0.58	1670	650	4	1.00	<5	14	355	<20	0.70	<10
H742266		20	14.05	1375	<1	0.62	1610	710	4	0.77	<5	15	310	<20	0.75	<10
H742267		20	13.60	1340	<1	0.65	2140	680	8	1.43	<5	15	312	<20	0.76	<10
H742268		20	15.05	1360	<1	0.32	1815	570	10	0.78	<5	13	154	<20	0.67	<10
H742269		20	11.70	1515	<1	0.70	2690	610	14	2.50	<5	12	169	<20	0.49	<10
H742270		<10	5.79	767	<1	1.05	2890	90	6	1.57	<5	15	83	<20	0.11	<10
H742271		20	7.29	1005	<1	1.27	5080	550	22	3.85	<5	11	237	<20	0.39	<10
H742272		10	1.80	523	<1	3.13	193	660	10	0.69	<5	10	268	<20	0.29	<10
H742273		10	1.74	469	1	3.09	62	650	6	0.53	<5	12	268	<20	0.31	<10

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742262		<10	161	<10	104	0.039	0.649	0.586			
H742263		<10	157	<10	103	0.067	>1.00	0.987	0.07	1.21	1.12
H742263 CRD		<10	154	<10	100	0.068	>1.00	1.00	0.07	1.21	1.12
H742264		<10	158	<10	90	0.013	0.167	0.143			
H742265		<10	155	<10	98	0.046	0.717	0.633			
H742266		<10	162	<10	104	0.058	0.841	0.711			
H742267		<10	168	<10	103	0.070	>1.00	>1.00	0.08	1.19	1.11
H742268		<10	147	<10	152	0.050	0.736	0.650			
H742269		<10	124	<10	110	0.133	>1.00	>1.00	0.14	2.14	1.99
H742270		<10	76	<10	61	0.054	0.200	0.668			
H742271		<10	111	<10	262	0.103	>1.00	>1.00	0.11	2.78	3.13
H742272		10	82	<10	301	0.002	0.0659	0.075			
H742273		10	96	<10	38	0.002	0.0035	0.003			

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Finalized Date: 7-SEP-2009
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CERTIFICATE TB09087264

Project: SD09-146 BL

P.O. No.:

This report is for 93 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 18-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168226		2.12	<0.5	1.26	9	70	<0.5	<2	1.60	<0.5	143	3240	94	10.25	10	0.13
G168227		2.25	<0.5	2.76	<5	110	0.6	<2	3.10	<0.5	118	2840	239	9.94	10	0.33
H742187		4.55	<0.5	8.13	<5	860	2.9	<2	0.51	<0.5	21	123	34	4.23	20	2.59
H742188		4.17	<0.5	7.89	<5	570	2.4	<2	0.58	<0.5	22	141	9	4.27	30	2.64
H742189		3.46	<0.5	3.44	17	180	2.0	<2	0.51	<0.5	15	96	305	3.22	10	0.91
H742190		0.10	1.1	8.99	<5	70	<0.5	<2	7.10	<0.5	103	469	3690	6.68	10	0.40
H742191		2.24	<0.5	5.20	33	240	1.7	<2	0.46	<0.5	30	163	393	5.00	20	0.77
H742192		4.25	<0.5	6.78	41	480	1.7	<2	0.82	<0.5	26	151	221	5.56	20	1.44
H742193		4.40	<0.5	6.54	34	600	1.8	<2	1.19	<0.5	24	91	63	5.86	20	1.61
H742194		4.60	<0.5	7.13	13	490	2.5	<2	1.80	<0.5	21	46	113	6.18	20	1.40
H742195		2.58	<0.5	6.37	46	90	1.9	<2	3.88	0.8	48	218	706	7.37	20	0.35
H742196		2.04	2.2	6.25	42	40	1.8	<2	4.66	6.6	37	69	351	7.70	20	0.21
H742197		2.30	0.5	2.72	7	80	0.7	<2	5.94	<0.5	93	1165	582	8.84	10	0.25
H742198		5.07	1.0	2.64	12	100	0.7	<2	4.60	<0.5	114	1490	1560	9.69	10	0.27
H742199		2.53	3.0	2.54	8	130	0.7	<2	3.81	<0.5	171	1895	4710	11.65	10	0.31
H742200		0.09	<0.5	6.59	<5	950	1.0	<2	1.42	<0.5	3	33	25	1.63	10	2.17
H742201		2.54	2.1	2.65	11	130	0.7	<2	3.69	<0.5	151	2010	3180	11.15	10	0.31
H742202		2.38	1.0	2.59	5	130	0.7	<2	3.46	<0.5	129	1965	1420	10.25	10	0.31
H742203		2.50	0.9	2.73	5	140	0.7	<2	3.22	<0.5	121	1905	988	9.83	10	0.36
H742203 CRD		<0.02	1.0	2.80	<5	140	0.7	<2	3.33	<0.5	125	2110	1030	10.15	10	0.36
H742204		2.54	<0.5	2.64	<5	130	0.7	<2	3.06	<0.5	119	1960	784	9.84	10	0.31
H742205		2.53	<0.5	2.49	5	130	0.7	<2	3.02	<0.5	117	2120	520	9.87	10	0.35
H742206		2.63	<0.5	2.40	13	120	0.6	<2	3.03	<0.5	117	2050	510	9.82	10	0.33
H742207		5.00	<0.5	2.42	6	100	0.6	<2	3.59	<0.5	118	2070	310	10.20	10	0.23
H742208		4.89	<0.5	2.34	9	110	0.6	<2	3.15	<0.5	122	2300	210	10.25	10	0.27
H742209		5.07	<0.5	2.16	5	110	0.5	<2	3.02	<0.5	123	2460	152	10.00	10	0.25
H742210		0.10	0.5	6.80	<5	60	<0.5	<2	4.95	<0.5	76	3420	686	6.51	10	0.16
H742211		5.02	<0.5	1.93	14	110	0.5	<2	2.58	<0.5	128	2610	94	10.25	10	0.25
H742212		5.23	<0.5	1.88	<5	90	0.5	<2	2.41	<0.5	133	2710	153	10.45	10	0.23
H742213		4.80	<0.5	1.68	9	80	<0.5	<2	2.33	<0.5	132	2730	195	10.35	10	0.19
H742214		4.90	<0.5	1.61	9	90	<0.5	3	2.24	<0.5	141	2740	154	10.55	<10	0.19
H742215		4.82	<0.5	1.49	32	80	<0.5	<2	2.17	<0.5	140	2890	158	10.35	<10	0.15
H742216		4.97	<0.5	1.52	34	70	<0.5	<2	1.96	<0.5	147	3080	181	10.60	<10	0.16
H742217		5.00	<0.5	1.39	20	70	<0.5	<2	1.82	<0.5	144	2940	86	10.50	<10	0.15
H742218		4.88	<0.5	1.33	28	70	<0.5	<2	1.69	<0.5	145	3290	188	10.45	<10	0.13
H742219		4.73	<0.5	1.27	17	60	<0.5	2	1.62	<0.5	141	3170	119	10.15	<10	0.12
H742220		2.26	<0.5	1.22	12	60	<0.5	2	1.54	<0.5	143	3240	77	10.05	<10	0.12
H742221		4.69	<0.5	1.18	70	50	<0.5	2	1.82	<0.5	141	3140	158	9.88	<10	0.11
H742222		4.73	<0.5	1.16	7	60	<0.5	<2	1.45	<0.5	147	3080	385	10.15	<10	0.13
H742223		4.74	<0.5	1.18	13	60	<0.5	<2	1.58	<0.5	147	3090	172	10.60	<10	0.13

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CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168226		10	19.10	1485	<1	0.19	1300	320	<2	0.20	<5	9	148	<20	0.34	<10
G168227		20	15.35	1380	<1	0.56	1120	610	<2	0.16	<5	14	307	<20	0.68	<10
H742187		20	2.24	530	1	1.92	80	860	3	0.19	<5	15	157	<20	0.41	<10
H742188		30	2.63	579	5	1.63	94	1170	2	0.23	<5	16	93	<20	0.40	<10
H742189		10	1.82	287	100	0.36	74	480	<2	1.29	<5	7	26	<20	0.26	<10
H742190		<10	6.11	839	1	1.15	3120	100	5	1.72	<5	16	86	<20	0.12	<10
H742191		20	3.46	579	1	1.29	174	830	2	1.42	<5	13	49	<20	0.54	<10
H742192		30	3.23	637	<1	2.50	72	880	<2	2.64	<5	17	112	<20	0.63	<10
H742193		20	2.79	680	<1	2.84	34	1020	<2	2.61	<5	16	125	<20	0.80	<10
H742194		30	2.61	754	1	3.01	21	1190	<2	0.32	<5	17	138	<20	0.90	<10
H742195		20	4.98	1800	1	2.31	239	1110	97	0.35	<5	24	100	<20	1.13	<10
H742196		30	5.16	2880	1	2.49	135	1400	589	0.24	<5	23	90	<20	1.56	<10
H742197		10	11.55	1355	<1	0.37	696	550	51	0.32	<5	27	200	<20	0.67	<10
H742198		20	12.50	1420	<1	0.39	997	610	<2	0.78	<5	21	244	<20	0.67	<10
H742199		10	13.15	1375	<1	0.40	2200	650	4	0.82	<5	17	281	<20	0.63	<10
H742200		10	0.24	604	<1	2.77	7	190	8	0.01	<5	5	180	<20	0.12	<10
H742201		20	14.10	1440	<1	0.41	1735	700	5	0.80	<5	16	342	<20	0.66	<10
H742202		20	14.35	1405	<1	0.43	1260	620	2	0.58	<5	16	334	<20	0.66	<10
H742203		20	14.15	1370	<1	0.57	1120	610	2	0.44	<5	14	337	<20	0.65	<10
H742203 CRD		20	14.45	1415	<1	0.58	1165	610	<2	0.49	<5	15	349	<20	0.67	<10
H742204		20	14.60	1390	1	0.58	1155	600	<2	0.23	<5	14	290	<20	0.65	<10
H742205		20	14.85	1405	<1	0.52	1010	680	<2	0.18	<5	14	317	<20	0.63	<10
H742206		20	15.05	1400	<1	0.45	1040	690	<2	0.30	<5	14	314	<20	0.61	<10
H742207		10	15.30	1495	<1	0.38	995	540	<2	0.14	<5	16	275	<20	0.67	<10
H742208		10	16.00	1455	<1	0.40	1050	530	<2	0.28	<5	14	268	<20	0.62	<10
H742209		10	16.50	1440	<1	0.38	1065	510	2	0.18	<5	13	261	<20	0.55	<10
H742210		10	10.05	1140	<1	0.79	1405	160	4	0.33	<5	19	183	<20	0.11	<10
H742211		10	17.25	1490	<1	0.42	1115	480	3	0.20	<5	12	283	<20	0.50	<10
H742212		10	17.65	1490	<1	0.44	1165	450	<2	0.14	<5	12	220	<20	0.49	<10
H742213		10	17.75	1480	<1	0.33	1170	390	<2	0.16	<5	11	205	<20	0.44	<10
H742214		10	18.95	1495	<1	0.24	1230	420	2	0.19	<5	11	210	<20	0.42	<10
H742215		10	18.40	1515	<1	0.25	1225	370	6	0.26	<5	11	223	<20	0.39	<10
H742216		10	19.50	1530	<1	0.30	1310	380	3	0.35	<5	10	189	<20	0.40	<10
H742217		10	19.75	1495	<1	0.26	1285	350	2	0.26	<5	10	172	<20	0.38	<10
H742218		10	19.80	1505	<1	0.21	1355	340	4	0.46	<5	9	172	<20	0.36	<10
H742219		10	18.80	1455	<1	0.19	1305	330	4	0.16	<5	9	155	<20	0.34	<10
H742220		10	18.90	1435	<1	0.17	1290	310	2	0.19	<5	9	146	<20	0.33	<10
H742221		10	19.30	1470	<1	0.12	1300	300	8	0.48	<5	8	160	<20	0.32	<10
H742222		10	19.25	1430	<1	0.14	1400	300	4	0.19	<5	9	136	<20	0.32	<10
H742223		10	19.95	1520	<1	0.16	1390	310	4	0.23	<5	9	144	<20	0.32	<10

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168226		<10	86	<10	117	0.004	0.0518	0.041			
G168227		<10	148	<10	101	0.007	0.0790	0.062			
H742187		<10	127	<10	50	0.001	0.0020	0.002			
H742188		<10	128	<10	62	0.002	0.0024	0.002			
H742189		<10	64	<10	26	0.011	0.0896	0.086			
H742190		<10	80	<10	69	0.060	0.1955	0.705			
H742191		<10	120	<10	60	0.012	0.1635	0.159			
H742192		<10	154	<10	70	0.007	0.0302	0.020			
H742193		<10	181	<10	64	0.002	0.0117	0.007			
H742194		<10	206	<10	71	0.002	0.0009	0.001			
H742195		<10	240	<10	194	0.013	0.1010	0.077			
H742196		<10	309	<10	1775	0.007	0.0906	0.077			
H742197		<10	148	<10	121	0.012	0.1715	0.163			
H742198		<10	146	<10	107	0.037	0.530	0.518			
H742199		<10	141	<10	105	0.101	>1.00	>1.00	0.10	1.78	1.73
H742200		10	16	<10	29	0.001	0.0023	0.002			
H742201		<10	146	<10	114	0.068	0.983	0.977			
H742202		<10	138	<10	104	0.039	0.575	0.560			
H742203		<10	136	<10	103	0.027	0.376	0.355			
H742203 CRD		<10	141	<10	106	0.024	0.380	0.355			
H742204		<10	135	<10	101	0.018	0.291	0.265			
H742205		<10	137	<10	102	0.011	0.1745	0.169			
H742206		<10	131	<10	102	0.012	0.1915	0.178			
H742207		<10	150	<10	111	0.009	0.1145	0.105			
H742208		<10	138	<10	107	0.007	0.0892	0.076			
H742209		<10	124	<10	104	0.006	0.0575	0.051			
H742210		<10	111	<10	291	0.118	>1.00	0.563	0.17	1.35	0.62
H742211		<10	117	<10	106	0.003	0.0306	0.027			
H742212		<10	115	<10	106	0.004	0.0479	0.042			
H742213		<10	109	<10	107	0.006	0.0870	0.074			
H742214		<10	104	<10	103	0.006	0.0742	0.064			
H742215		<10	98	<10	108	0.006	0.0663	0.058			
H742216		<10	97	<10	108	0.007	0.0834	0.073			
H742217		<10	90	<10	106	0.003	0.0472	0.040			
H742218		<10	91	<10	106	0.006	0.0824	0.073			
H742219		<10	86	<10	108	0.004	0.0733	0.059			
H742220		<10	85	<10	106	0.002	0.0450	0.035			
H742221		<10	82	<10	96	0.006	0.0695	0.063			
H742222		<10	80	<10	98	0.013	0.1790	0.165			
H742223		<10	82	<10	107	0.006	0.0819	0.072			

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742223 CRD		0.02	<0.5	1.12	9	50	<0.5	<2	1.52	<0.5	144	3010	171	10.25	<10	0.13
H742224		4.82	<0.5	1.12	9	50	<0.5	<2	1.50	<0.5	147	3260	133	10.40	10	0.13
H742225		4.45	<0.5	1.11	13	50	<0.5	<2	1.62	<0.5	145	3200	204	10.20	<10	0.10
H742226		4.77	<0.5	1.18	16	60	<0.5	2	1.57	<0.5	151	2990	449	10.45	10	0.11
H742227		4.84	<0.5	1.20	19	60	<0.5	<2	1.58	<0.5	143	2990	199	10.30	10	0.12
H742228		4.77	<0.5	1.25	22	60	<0.5	<2	1.61	<0.5	146	3120	132	10.25	<10	0.14
H742229		4.72	<0.5	1.28	23	90	<0.5	<2	1.64	<0.5	144	3200	126	10.10	10	0.15
H742230		0.10	1.0	6.09	9	650	0.7	<2	1.40	<0.5	83	106	3470	4.76	10	2.64
H742231		4.88	<0.5	1.36	16	70	<0.5	<2	1.16	<0.5	141	3170	299	10.65	<10	0.25
H742232		4.88	<0.5	1.27	43	80	<0.5	<2	1.60	<0.5	139	3150	217	10.15	<10	0.18
H742233		4.92	<0.5	1.54	26	80	0.5	<2	1.76	<0.5	149	3280	652	10.55	10	0.24
H742234		4.95	<0.5	1.57	8	80	<0.5	2	1.81	<0.5	140	3250	179	10.10	<10	0.21
H742235		4.96	<0.5	1.66	15	80	<0.5	<2	1.96	<0.5	142	3250	309	10.10	<10	0.19
H742236		4.99	<0.5	1.64	8	70	<0.5	<2	1.99	<0.5	144	3350	341	10.00	<10	0.19
H742237		4.80	<0.5	1.81	5	90	<0.5	<2	2.07	<0.5	140	3630	372	9.79	<10	0.16
H742238		4.47	<0.5	1.57	22	70	<0.5	<2	1.99	<0.5	136	4160	310	9.88	<10	0.13
H742239		4.71	<0.5	1.71	15	80	<0.5	<2	1.97	<0.5	147	3970	682	10.20	10	0.15
H742240		0.09	<0.5	6.62	8	960	1.0	<2	1.39	<0.5	<1	20	17	1.56	10	2.25
H742241		4.83	<0.5	1.74	<5	80	<0.5	2	1.97	<0.5	144	3620	443	10.30	<10	0.18
H742242		4.91	<0.5	1.74	10	80	<0.5	<2	1.95	<0.5	137	3230	258	9.99	<10	0.16
H742243		4.79	<0.5	1.77	13	90	0.5	<2	1.90	<0.5	137	3180	213	10.20	<10	0.18
H742243 CRD		<0.02	<0.5	1.68	9	90	<0.5	<2	1.90	<0.5	134	3150	203	9.90	<10	0.17
H742244		4.56	<0.5	1.84	13	80	<0.5	3	2.03	<0.5	135	2850	225	9.83	10	0.17
H742245		4.63	<0.5	1.86	10	90	0.5	<2	2.07	<0.5	136	2750	494	9.87	10	0.18
H742246		4.70	<0.5	1.97	7	90	0.5	3	2.17	<0.5	134	2880	126	9.80	<10	0.20
H742247		4.70	<0.5	2.01	<5	100	0.5	<2	2.24	<0.5	134	2970	149	9.93	<10	0.23
H742248		4.40	<0.5	2.00	13	110	0.5	<2	2.42	<0.5	131	3010	228	10.05	<10	0.23
H742249		4.66	<0.5	2.10	9	100	0.5	<2	2.40	<0.5	135	2710	298	10.20	<10	0.24
H742250		0.10	19.0	7.50	217	490	0.7	2	3.46	3.1	15	105	346	4.36	20	0.90
H742251		4.77	<0.5	2.16	6	100	0.5	<2	2.55	<0.5	133	2580	145	10.30	10	0.22
H742252		4.90	<0.5	2.13	<5	100	0.5	<2	2.62	<0.5	133	2550	197	10.40	<10	0.24
H742253		4.75	<0.5	2.20	6	100	0.5	3	2.62	<0.5	128	2370	367	9.93	<10	0.22
H742254		4.57	<0.5	2.23	5	100	0.5	<2	2.58	<0.5	122	2990	380	9.51	<10	0.20
H742255		4.73	<0.5	2.51	13	110	0.5	<2	3.09	<0.5	117	3150	189	9.34	10	0.21
H742256		4.64	<0.5	2.35	34	100	0.5	<2	2.88	<0.5	118	3420	238	9.23	10	0.19
H742257		4.63	<0.5	2.39	23	110	0.6	<2	2.83	<0.5	123	3360	263	9.65	<10	0.25
H742258		4.71	<0.5	2.41	13	120	0.6	<2	2.88	<0.5	124	3180	227	9.72	<10	0.25
H742259		4.44	<0.5	2.60	29	110	0.6	<2	3.11	<0.5	120	2940	214	9.73	<10	0.25
H742260		2.16	<0.5	2.80	5	120	0.6	<2	3.08	<0.5	122	2800	224	9.84	<10	0.33
H742261		2.45	<0.5	2.93	<5	120	0.7	<2	3.22	<0.5	118	2710	286	9.88	10	0.40

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742223 CRD		10	19.25	1460	<1	0.15	1360	300	2	0.19	<5	9	138	<20	0.32	<10
H742224		10	19.70	1460	<1	0.15	1375	300	2	0.13	<5	9	132	<20	0.32	<10
H742225		10	19.55	1435	<1	0.11	1345	290	2	0.27	<5	8	116	<20	0.31	<10
H742226		10	19.60	1475	<1	0.15	1455	310	3	0.36	<5	9	150	<20	0.33	<10
H742227		10	19.70	1450	<1	0.16	1315	310	2	0.38	<5	9	149	<20	0.32	<10
H742228		10	19.40	1485	<1	0.17	1325	330	8	0.39	<5	9	156	<20	0.31	<10
H742229		10	19.70	1475	<1	0.15	1325	350	4	0.97	<5	8	156	<20	0.25	<10
H742230		10	0.96	412	27	1.70	2560	340	9	2.40	<5	3	431	<20	0.10	<10
H742231		10	18.70	1585	<1	0.19	1365	370	4	0.41	<5	6	158	<20	0.28	<10
H742232		10	18.90	1485	<1	0.16	1340	330	4	0.96	<5	8	151	<20	0.26	<10
H742233		10	19.45	1510	<1	0.23	1630	390	4	0.65	<5	9	192	<20	0.32	<10
H742234		10	19.05	1420	<1	0.31	1355	400	<2	0.12	<5	10	188	<20	0.38	<10
H742235		10	19.10	1430	<1	0.34	1395	400	3	0.34	<5	10	224	<20	0.39	<10
H742236		10	19.30	1405	<1	0.33	1460	410	3	0.17	<5	10	203	<20	0.40	<10
H742237		10	19.15	1370	<1	0.29	1495	370	2	0.34	<5	10	247	<20	0.39	<10
H742238		10	18.65	1370	<1	0.24	1505	380	5	0.58	<5	10	204	<20	0.39	<10
H742239		10	18.80	1420	<1	0.24	1715	400	5	0.36	<5	10	216	<20	0.40	<10
H742240		10	0.22	598	1	2.82	4	200	8	0.01	<5	5	174	<20	0.12	<10
H742241		10	19.55	1440	<1	0.37	1515	400	6	0.14	<5	11	214	<20	0.43	<10
H742242		10	18.30	1400	<1	0.33	1370	410	3	0.15	<5	10	219	<20	0.43	<10
H742243		10	18.65	1430	<1	0.33	1330	440	2	0.12	<5	10	208	<20	0.45	<10
H742243 CRD		10	18.25	1385	<1	0.32	1305	410	4	0.12	<5	10	199	<20	0.44	<10
H742244		10	18.05	1390	<1	0.34	1260	450	4	0.26	<5	10	229	<20	0.44	<10
H742245		10	18.15	1380	<1	0.35	1355	460	<2	0.33	<5	11	236	<20	0.47	<10
H742246		10	18.20	1385	<1	0.44	1260	470	4	0.08	<5	11	244	<20	0.47	<10
H742247		10	18.00	1395	<1	0.54	1270	500	5	0.06	<5	11	247	<20	0.50	<10
H742248		10	17.90	1425	<1	0.44	1270	510	6	0.35	<5	12	269	<20	0.52	<10
H742249		10	17.50	1435	<1	0.59	1250	480	4	0.06	<5	12	257	<20	0.54	<10
H742250		10	1.60	800	196	2.20	114	570	272	0.27	13	14	268	<20	0.33	<10
H742251		10	17.65	1460	<1	0.62	1165	500	5	0.04	<5	13	269	<20	0.56	<10
H742252		10	17.65	1465	<1	0.64	1160	560	<2	0.08	<5	13	262	<20	0.59	<10
H742253		10	16.75	1395	<1	0.64	1160	510	3	0.08	<5	13	269	<20	0.57	<10
H742254		10	16.55	1335	<1	0.49	1260	490	4	0.12	<5	12	268	<20	0.57	<10
H742255		10	16.00	1345	<1	0.49	1185	620	4	0.21	<5	13	307	<20	0.62	<10
H742256		10	16.05	1350	<1	0.43	1230	500	7	0.48	<5	12	308	<20	0.56	<10
H742257		10	16.70	1385	<1	0.45	1285	540	6	0.34	<5	13	310	<20	0.58	<10
H742258		10	16.55	1355	<1	0.40	1240	510	3	0.43	<5	13	309	<20	0.60	<10
H742259		10	16.05	1380	<1	0.40	1165	560	6	0.54	<5	13	310	<20	0.62	<10
H742260		10	15.75	1375	<1	0.55	1145	600	4	0.15	<5	14	321	<20	0.70	<10
H742261		20	15.45	1380	<1	0.60	1125	670	5	0.41	<5	14	337	<20	0.73	<10

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CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742223 CRD		<10	81	<10	101	0.006	0.0900	0.081			
H742224		<10	83	<10	99	0.005	0.0757	0.062			
H742225		<10	82	<10	99	0.008	0.1040	0.091			
H742226		<10	83	<10	102	0.013	0.1965	0.178			
H742227		<10	82	<10	101	0.007	0.0906	0.082			
H742228		<10	82	<10	110	0.008	0.0628	0.060			
H742229		<10	67	<10	102	0.004	0.0562	0.047			
H742230		10	41	10	35	0.015	0.0094	0.013			
H742231		<10	73	<10	120	0.009	0.1155	0.110			
H742232		<10	72	<10	108	0.014	0.0943	0.087			
H742233		<10	87	<10	105	0.022	0.309	0.300			
H742234		<10	94	<10	97	0.007	0.1090	0.094			
H742235		<10	97	<10	97	0.011	0.1755	0.155			
H742236		<10	100	<10	98	0.012	0.1850	0.168			
H742237		<10	101	<10	97	0.013	0.207	0.188			
H742238		<10	108	<10	99	0.011	0.1700	0.151			
H742239		<10	104	<10	98	0.024	0.407	0.365			
H742240		10	16	<10	27	0.001	0.0009	<0.001			
H742241		<10	107	<10	100	0.013	0.229	0.188			
H742242		<10	102	<10	98	0.009	0.1405	0.118			
H742243		<10	103	<10	99	0.008	0.1170	0.101			
H742243 CRD		<10	101	<10	97	0.008	0.124	0.097			
H742244		<10	98	<10	97	0.007	0.102	0.086			
H742245		<10	101	<10	96	0.016	0.228	0.205			
H742246		<10	106	<10	96	0.005	0.0657	0.050			
H742247		<10	113	<10	99	0.005	0.0738	0.057			
H742248		<10	116	<10	103	0.007	0.101	0.074			
H742249		<10	121	<10	103	0.009	0.128	0.107			
H742250		10	113	<10	382	0.423	0.103	0.394			
H742251		<10	126	<10	104	0.005	0.0552	0.044			
H742252		<10	129	<10	103	0.007	0.0887	0.073			
H742253		<10	128	<10	100	0.011	0.162	0.135			
H742254		<10	128	<10	94	0.011	0.155	0.128			
H742255		<10	137	<10	98	0.006	0.0809	0.062			
H742256		<10	134	<10	101	0.008	0.121	0.092			
H742257		<10	137	<10	103	0.009	0.131	0.095			
H742258		<10	139	<10	101	0.007	0.0900	0.070			
H742259		<10	144	<10	104	0.007	0.0888	0.068			
H742260		<10	154	<10	101	0.006	0.0848	0.063			
H742261		<10	158	<10	101	0.007	0.0873	0.072			

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742262		2.34	<0.5	2.88	5	120	0.7	<2	3.20	<0.5	132	2780	1430	10.25	10	0.45
H742263		2.25	1.1	2.89	8	130	0.8	<2	2.92	<0.5	135	2660	2220	10.05	10	0.40
H742263 CRD		0.02	0.9	2.82	13	120	0.8	<2	2.88	<0.5	133	2490	2190	10.05	10	0.39
H742264		3.26	<0.5	2.93	5	90	0.6	<2	2.84	<0.5	109	2210	375	9.17	10	0.28
H742265		2.37	0.6	3.01	20	180	0.7	<2	3.16	<0.5	129	2220	1790	9.88	10	0.32
H742266		2.30	0.9	3.12	10	150	0.8	<2	3.04	<0.5	129	1910	1940	10.20	10	0.43
H742267		2.40	1.4	3.17	9	130	0.8	<2	3.16	<0.5	147	2100	2830	10.70	10	0.38
H742268		2.09	1.0	2.83	8	70	0.6	<2	2.37	<0.5	143	2460	1890	10.40	<10	0.25
H742269		1.07	1.8	4.66	26	120	0.9	<2	1.41	<0.5	136	1770	4860	9.90	10	0.51
H742270		0.10	0.7	8.32	<5	70	<0.5	<2	6.49	<0.5	96	427	3270	6.14	10	0.37
H742271		0.73	2.4	5.24	44	280	1.0	<2	1.45	<0.5	189	1120	6460	9.45	10	1.00
H742272		4.33	<0.5	8.10	45	750	1.2	<2	0.84	1.4	20	113	120	3.90	20	2.61
H742273		3.91	<0.5	8.21	9	600	1.4	<2	0.70	<0.5	16	107	17	3.76	20	2.47

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P.O. BOX 10628
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Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742262		20	14.90	1390	<1	0.58	1525	690	3	0.94	<5	15	320	<20	0.71	<10
H742263		20	13.85	1310	<1	0.55	1705	590	4	1.16	<5	14	289	<20	0.69	<10
H742263 CRD		20	13.65	1300	<1	0.54	1685	590	7	1.20	<5	14	282	<20	0.68	<10
H742264		20	13.95	1300	<1	0.42	1065	650	3	0.38	<5	14	244	<20	0.74	<10
H742265		20	13.75	1295	<1	0.58	1670	650	4	1.00	<5	14	355	<20	0.70	<10
H742266		20	14.05	1375	<1	0.62	1610	710	4	0.77	<5	15	310	<20	0.75	<10
H742267		20	13.60	1340	<1	0.65	2140	680	8	1.43	<5	15	312	<20	0.76	<10
H742268		20	15.05	1360	<1	0.32	1815	570	10	0.78	<5	13	154	<20	0.67	<10
H742269		20	11.70	1515	<1	0.70	2690	610	14	2.50	<5	12	169	<20	0.49	<10
H742270		<10	5.79	767	<1	1.05	2890	90	6	1.57	<5	15	83	<20	0.11	<10
H742271		20	7.29	1005	<1	1.27	5080	550	22	3.85	<5	11	237	<20	0.39	<10
H742272		10	1.80	523	<1	3.13	193	660	10	0.69	<5	10	268	<20	0.29	<10
H742273		10	1.74	469	1	3.09	62	650	6	0.53	<5	12	268	<20	0.31	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-146 BL

CERTIFICATE OF ANALYSIS TB09087264

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742262		<10	161	<10	104	0.039	0.649	0.586			
H742263		<10	157	<10	103	0.067	>1.00	0.987	0.07	1.21	1.12
H742263 CRD		<10	154	<10	100	0.068	>1.00	1.00	0.07	1.21	1.12
H742264		<10	158	<10	90	0.013	0.167	0.143			
H742265		<10	155	<10	98	0.046	0.717	0.633			
H742266		<10	162	<10	104	0.058	0.841	0.711			
H742267		<10	168	<10	103	0.070	>1.00	>1.00	0.08	1.19	1.11
H742268		<10	147	<10	152	0.050	0.736	0.650			
H742269		<10	124	<10	110	0.133	>1.00	>1.00	0.14	2.14	1.99
H742270		<10	76	<10	61	0.054	0.200	0.668			
H742271		<10	111	<10	262	0.103	>1.00	>1.00	0.11	2.78	3.13
H742272		10	82	<10	301	0.002	0.0659	0.075			
H742273		10	96	<10	38	0.002	0.0035	0.003			

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Finalized Date: 7-SEP-2009
Account: MGMAM

CERTIFICATE TB09087634

Project: SD09-147 BL

P.O. No.:

This report is for 97 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 7-SEP-2009
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Project: SD09-147 BL

CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168228		2.32	1.0	2.06	15	80	0.5	<2	2.86	<0.5	131	2670	71	10.75	10	0.30
G168229		2.09	0.5	1.75	8	90	<0.5	<2	2.02	<0.5	142	3210	303	10.75	<10	0.24
H742274		4.12	<0.5	6.93	7	590	2.8	8	0.23	1.9	6	40	14	1.49	30	3.28
H742275		0.48	<0.5	7.61	23	490	3.2	2	0.47	<0.5	19	123	55	4.03	20	3.60
H742276		4.40	0.5	7.19	25	610	2.3	4	1.80	<0.5	26	162	38	4.84	20	2.09
H742277		4.10	0.7	7.60	15	830	1.9	8	0.55	<0.5	25	106	42	4.68	30	2.63
H742278		4.43	<0.5	6.59	54	240	1.9	<2	1.61	<0.5	29	111	134	6.35	10	1.45
H742279		4.28	<0.5	6.58	78	260	1.7	4	1.50	<0.5	25	123	68	6.10	20	1.28
H742280		0.08	<0.5	6.25	<5	920	1.0	2	1.34	<0.5	2	26	16	1.58	10	2.12
H742281		4.78	<0.5	6.98	109	280	2.1	3	1.38	<0.5	20	62	13	5.86	20	1.78
H742282		4.42	<0.5	6.77	153	200	2.3	6	1.16	<0.5	20	52	21	5.93	20	1.85
H742283		4.59	<0.5	6.60	162	210	2.5	4	1.65	<0.5	27	48	3	6.76	20	1.38
H742283 CRD		0.02	<0.5	6.78	169	220	2.6	3	1.64	<0.5	28	48	3	6.86	20	1.38
H742284		4.16	<0.5	6.71	148	110	2.9	7	1.54	<0.5	22	14	73	6.56	20	1.57
H742285		3.66	<0.5	6.30	81	190	2.0	5	3.07	<0.5	31	140	307	6.27	20	0.63
H742286		2.29	<0.5	5.11	64	90	1.7	5	4.45	<0.5	40	288	216	7.17	10	0.25
H742287		4.02	<0.5	3.74	62	30	1.0	2	6.31	<0.5	69	535	881	8.28	10	0.10
H742288		4.10	<0.5	2.94	77	10	0.9	<2	6.63	<0.5	57	915	247	7.22	<10	0.02
H742289		3.59	<0.5	2.37	95	50	0.6	2	4.65	<0.5	90	1470	182	8.43	<10	0.13
H742290		0.10	<0.5	6.88	6	60	<0.5	<2	4.92	<0.5	76	3690	683	6.28	<10	0.16
H742291		2.08	<0.5	2.36	106	40	0.7	5	3.67	<0.5	103	1655	166	9.27	<10	0.14
H742292		1.13	<0.5	6.93	23	50	1.2	<2	6.83	<0.5	29	85	90	6.35	20	0.08
H742293		4.46	<0.5	2.33	10	60	0.6	5	3.28	<0.5	113	1980	197	9.58	<10	0.22
H742294		4.68	<0.5	2.34	5	90	0.6	4	3.27	<0.5	115	2110	130	9.90	<10	0.25
H742295		4.64	<0.5	2.26	6	90	0.5	<2	3.26	<0.5	117	2220	112	9.76	<10	0.23
H742296		4.47	<0.5	2.41	30	400	0.5	6	3.57	<0.5	109	2110	103	9.29	<10	0.17
H742297		4.51	<0.5	2.04	12	120	0.5	3	2.74	<0.5	119	2370	73	9.71	<10	0.29
H742298		4.63	<0.5	1.99	13	90	0.5	4	2.67	<0.5	127	2560	104	10.05	<10	0.28
H742299		2.09	<0.5	2.07	18	80	0.5	5	2.77	<0.5	125	2640	80	10.05	<10	0.29
H742300		4.61	<0.5	1.83	16	70	<0.5	2	2.93	<0.5	122	2490	98	9.74	<10	0.20
H742301		4.79	<0.5	1.81	8	70	<0.5	2	2.30	<0.5	131	2760	146	10.15	<10	0.30
H742302		4.71	<0.5	1.79	8	80	<0.5	6	2.16	<0.5	128	2720	149	9.86	10	0.36
H742303		4.69	<0.5	1.74	<5	60	<0.5	4	2.11	<0.5	135	2750	78	10.15	<10	0.35
H742303 CRD		<0.02	<0.5	1.70	5	80	<0.5	2	2.10	<0.5	130	2800	77	10.00	<10	0.34
H742304		4.77	<0.5	1.68	8	70	<0.5	2	2.11	<0.5	134	2900	78	10.05	<10	0.33
H742305		4.58	<0.5	1.65	10	80	<0.5	5	1.99	<0.5	133	2940	103	9.91	<10	0.28
H742306		4.67	<0.5	1.62	<5	60	<0.5	4	1.89	<0.5	132	2870	147	9.80	<10	0.34
H742307		4.81	<0.5	1.59	<5	70	<0.5	3	1.93	<0.5	136	2980	178	10.05	<10	0.30
H742308		4.82	<0.5	1.51	9	90	<0.5	2	1.85	<0.5	136	2970	221	10.05	<10	0.26
H742309		4.85	<0.5	1.59	9	70	<0.5	6	1.87	<0.5	137	3100	218	10.10	<10	0.34

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Finalized Date: 7-SEP-2009
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Project: SD09-147 BL

CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168228		20	18.10	1515	<1	0.27	1110	490	<2	0.23	<5	13	258	<20	0.55	<10
G168229		20	19.90	1475	<1	0.47	1400	440	2	0.20	<5	10	199	<20	0.44	<10
H742274		10	0.84	289	2	1.99	16	350	7	1.02	<5	6	124	<20	0.07	<10
H742275		30	2.25	242	1	1.40	59	770	7	3.28	<5	14	101	<20	0.48	<10
H742276		20	2.92	709	<1	2.27	96	1770	11	2.01	<5	16	263	<20	0.43	<10
H742277		20	2.41	601	<1	1.64	75	820	6	1.78	<5	16	180	<20	0.41	<10
H742278		30	3.39	717	17	2.34	77	1180	3	3.95	<5	15	165	<20	0.97	<10
H742279		20	2.80	632	<1	3.04	70	1200	4	4.39	<5	16	166	<20	0.82	<10
H742280		10	0.22	589	<1	2.71	2	190	5	0.01	<5	5	168	<20	0.12	<10
H742281		30	2.57	610	<1	2.89	27	1170	4	4.00	<5	17	194	<20	0.93	<10
H742282		20	2.74	580	<1	2.69	17	1040	4	4.19	<5	18	193	<20	0.88	<10
H742283		20	3.19	692	1	2.79	15	1030	4	4.31	<5	18	179	<20	0.96	<10
H742283 CRD		20	3.20	689	1	2.78	15	1020	3	4.47	<5	18	181	<20	0.96	<10
H742284		30	2.86	545	1	2.71	7	1490	12	5.07	<5	17	222	<20	1.13	<10
H742285		30	5.34	893	<1	1.95	73	1270	4	2.66	<5	24	315	<20	1.05	<10
H742286		30	6.49	1210	2	1.32	160	1170	4	2.65	<5	27	453	<20	1.10	<10
H742287		20	8.39	1720	<1	0.82	477	750	3	2.05	<5	34	267	<20	0.98	<10
H742288		10	10.45	1675	<1	0.42	353	620	5	1.63	<5	38	139	<20	0.77	<10
H742289		10	12.60	1415	<1	0.21	664	560	33	1.44	<5	21	140	<20	0.61	<10
H742290		<10	10.05	1165	<1	0.77	1410	160	8	0.33	<5	19	181	<20	0.12	<10
H742291		10	13.35	1355	<1	0.19	791	570	6	2.27	<5	17	129	<20	0.58	<10
H742292		20	4.92	1635	<1	2.44	74	1210	<2	0.88	<5	23	302	<20	1.37	<10
H742293		10	14.45	1435	<1	0.21	896	530	4	0.19	<5	15	217	<20	0.59	<10
H742294		10	15.15	1470	<1	0.30	938	590	6	0.18	<5	15	291	<20	0.59	<10
H742295		10	15.30	1485	<1	0.27	969	560	6	0.15	<5	14	259	<20	0.59	<10
H742296		10	14.40	1365	<1	0.32	897	520	5	0.61	<5	14	461	<20	0.66	<10
H742297		10	16.00	1435	<1	0.22	1040	480	3	0.21	<5	13	260	<20	0.52	<10
H742298		10	16.80	1480	<1	0.24	1115	470	3	0.24	<5	13	304	<20	0.51	<10
H742299		10	16.85	1490	<1	0.29	1100	500	5	0.28	<5	13	279	<20	0.53	<10
H742300		10	16.35	1450	<1	0.19	1045	430	3	0.27	<5	14	230	<20	0.49	<10
H742301		10	17.25	1485	<1	0.27	1165	440	2	0.17	<5	12	231	<20	0.47	<10
H742302		10	17.10	1450	<1	0.32	1180	440	3	0.13	<5	11	220	<20	0.45	<10
H742303		10	17.80	1490	<1	0.29	1165	420	3	0.08	<5	11	198	<20	0.45	<10
H742303 CRD		10	17.50	1465	<1	0.28	1145	410	2	0.08	<5	11	201	<20	0.44	<10
H742304		10	17.75	1465	<1	0.27	1165	410	3	0.13	<5	11	203	<20	0.45	<10
H742305		10	17.70	1455	<1	0.25	1140	400	4	0.28	<5	10	200	<20	0.43	<10
H742306		10	17.55	1425	<1	0.27	1190	400	2	0.10	<5	10	185	<20	0.42	<10
H742307		10	18.20	1475	<1	0.27	1225	390	2	0.14	<5	10	196	<20	0.41	<10
H742308		10	18.20	1470	<1	0.24	1255	380	3	0.16	<5	10	187	<20	0.39	<10
H742309		10	18.15	1465	<1	0.27	1265	390	3	0.11	<5	10	190	<20	0.41	<10

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-147 BL

CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
G168228		<10	125	<10	107	0.003	0.0224	0.017			
G168229		<10	102	<10	100	0.010	0.136	0.124			
H742274		20	23	<10	327	0.001	0.0016	0.001			
H742275		<10	154	<10	27	0.002	0.0109	0.010			
H742276		10	134	<10	63	0.002	0.0022	0.002			
H742277		<10	122	<10	49	0.001	0.0020	0.002			
H742278		<10	188	<10	67	0.004	0.0387	0.040			
H742279		10	169	<10	59	0.003	0.0179	0.014			
H742280		10	16	<10	26	0.001	0.0009	<0.001			
H742281		<10	181	<10	47	0.003	0.0087	0.005			
H742282		<10	190	<10	47	0.002	0.0024	0.001			
H742283		10	213	<10	53	0.001	0.0007	<0.001			
H742283 CRD		10	216	<10	53	0.002	0.0010	<0.001			
H742284		<10	216	<10	48	0.002	0.0007	<0.001			
H742285		<10	214	<10	78	0.002	0.0015	0.001			
H742286		<10	218	<10	78	0.003	0.0023	0.001			
H742287		<10	233	<10	87	0.021	0.117	0.084			
H742288		<10	177	<10	86	0.008	0.0302	0.017			
H742289		<10	131	<10	122	0.005	0.0472	0.033			
H742290		<10	113	<10	286	0.109	>1.00	0.567	0.11	1.25	0.58
H742291		<10	140	<10	110	0.004	0.0343	0.023			
H742292		<10	239	<10	27	0.002	0.0033	0.002			
H742293		<10	131	<10	105	0.006	0.0508	0.044			
H742294		<10	129	<10	101	0.005	0.0348	0.027			
H742295		<10	128	<10	106	0.004	0.0220	0.018			
H742296		<10	134	<10	96	0.003	0.0219	0.018			
H742297		<10	119	<10	100	0.002	0.0198	0.014			
H742298		<10	116	<10	102	0.003	0.0290	0.021			
H742299		<10	118	<10	108	0.002	0.0225	0.020			
H742300		<10	117	<10	99	0.003	0.0449	0.039			
H742301		<10	111	<10	103	0.006	0.0656	0.056			
H742302		<10	104	<10	100	0.006	0.0856	0.070			
H742303		<10	105	<10	101	0.004	0.0413	0.035			
H742303 CRD		<10	103	<10	99	0.004	0.0447	0.038			
H742304		<10	104	<10	100	0.003	0.0421	0.039			
H742305		<10	100	<10	100	0.004	0.0469	0.043			
H742306		<10	97	<10	96	0.004	0.0611	0.054			
H742307		<10	97	<10	103	0.005	0.0622	0.052			
H742308		<10	95	<10	102	0.006	0.0730	0.065			
H742309		<10	97	<10	98	0.007	0.0795	0.067			

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-147 BL

CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742310		0.11	0.8	8.31	<5	70	<0.5	2	6.60	<0.5	96	452	3410	6.24	10	0.36
H742311		4.70	<0.5	1.58	18	90	<0.5	4	1.90	<0.5	138	3120	144	10.05	<10	0.26
H742312		4.62	<0.5	1.63	20	110	<0.5	6	1.90	<0.5	135	3170	110	9.88	<10	0.29
H742313		4.77	<0.5	1.60	11	90	<0.5	<2	1.99	0.8	140	3020	128	10.55	<10	0.30
H742314		4.87	<0.5	1.62	<5	60	<0.5	<2	2.01	0.7	143	2980	219	11.05	<10	0.32
H742315		4.76	<0.5	1.55	11	60	<0.5	<2	1.94	0.6	142	3240	127	11.00	<10	0.27
H742316		4.90	<0.5	1.49	8	70	<0.5	<2	1.95	0.7	138	3170	107	10.65	<10	0.23
H742317		4.71	<0.5	1.48	14	60	<0.5	<2	1.88	0.8	138	3100	84	10.55	<10	0.25
H742318		4.27	<0.5	1.53	20	100	<0.5	<2	2.00	<0.5	135	2720	88	10.15	<10	0.25
H742319		4.62	<0.5	1.67	15	110	<0.5	<2	1.55	0.5	136	2850	71	9.80	<10	0.28
H742320		0.09	<0.5	6.20	7	900	0.9	<2	1.30	<0.5	1	33	15	1.54	<10	2.12
H742321		4.55	<0.5	1.72	<5	60	<0.5	<2	1.43	0.5	140	3130	107	9.95	<10	0.32
H742322		4.77	<0.5	1.18	24	80	<0.5	<2	1.88	0.7	135	3070	109	10.30	<10	0.27
H742323		4.74	<0.5	1.55	<5	80	<0.5	<2	1.90	0.5	140	3120	180	10.55	<10	0.25
H742323 CRD		0.02	<0.5	1.57	<5	80	<0.5	<2	1.89	0.7	145	3180	179	10.65	<10	0.25
H742324		4.27	<0.5	1.47	21	80	<0.5	<2	1.80	0.6	139	3030	271	10.25	<10	0.18
H742325		4.83	<0.5	1.52	<5	80	<0.5	<2	1.84	0.8	140	3260	188	10.65	<10	0.22
H742326		4.81	<0.5	1.44	<5	60	<0.5	<2	1.73	0.7	130	3200	197	9.97	<10	0.18
H742327		4.93	<0.5	1.47	19	80	<0.5	<2	1.92	0.9	138	3560	149	10.30	<10	0.19
H742328		4.53	<0.5	1.56	6	80	<0.5	<2	1.84	0.8	138	3580	140	10.30	<10	0.21
H742329		4.79	<0.5	1.42	<5	70	<0.5	<2	1.75	0.6	138	3560	367	9.95	<10	0.19
H742330		0.11	<0.5	6.71	<5	60	<0.5	<2	4.81	0.6	74	3760	640	6.31	<10	0.16
H742331		5.24	<0.5	1.56	<5	80	<0.5	<2	1.84	0.6	141	3930	120	10.55	<10	0.23
H742332		4.71	<0.5	1.48	6	70	<0.5	<2	1.75	0.5	140	4390	194	10.50	<10	0.22
H742333		4.71	<0.5	1.46	11	70	<0.5	2	1.75	0.6	135	3810	168	10.10	<10	0.21
H742334		4.79	<0.5	1.52	<5	80	<0.5	<2	1.80	0.6	136	3530	130	10.45	<10	0.23
H742335		4.89	<0.5	1.63	6	80	<0.5	<2	1.88	0.7	140	3240	157	10.75	<10	0.24
H742336		4.87	<0.5	1.61	16	80	<0.5	<2	2.01	0.6	146	3080	289	10.95	<10	0.25
H742337		4.76	<0.5	1.67	24	90	<0.5	2	2.27	0.7	136	3220	97	10.35	<10	0.24
H742338		4.74	<0.5	1.57	38	80	<0.5	<2	2.07	0.6	138	3250	595	10.35	<10	0.22
H742339		2.29	<0.5	1.72	<5	90	<0.5	<2	1.96	0.5	136	3230	304	10.45	<10	0.24
H742340		4.76	<0.5	1.78	<5	100	<0.5	<2	1.96	0.6	140	3370	308	10.75	<10	0.26
H742341		4.89	<0.5	1.77	12	90	<0.5	4	2.01	1.0	143	2940	368	10.95	<10	0.28
H742342		4.88	<0.5	1.81	9	90	<0.5	<2	2.11	0.8	141	2660	437	10.85	<10	0.24
H742343		4.84	<0.5	1.88	19	100	<0.5	<2	2.33	0.7	137	2840	249	10.70	<10	0.24
H742343 CRD		<0.02	<0.5	1.83	24	90	<0.5	<2	2.26	0.6	135	2640	255	10.35	<10	0.23
H742344		5.01	<0.5	1.94	6	90	<0.5	<2	2.26	<0.5	132	2790	276	10.45	<10	0.26
H742345		4.81	<0.5	2.04	14	110	0.5	2	2.63	0.9	133	2970	332	10.55	<10	0.24
H742346		4.57	<0.5	1.96	<5	110	<0.5	3	2.58	0.6	132	2880	540	10.35	<10	0.23
H742347		4.63	<0.5	2.04	10	100	<0.5	<2	2.42	<0.5	126	2830	512	9.69	<10	0.21

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Finalized Date: 7-SEP-2009
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CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742310		<10	5.87	803	2	1.07	2850	90	3	1.58	<5	15	77	<20	0.11	<10
H742311		10	18.40	1460	<1	0.23	1290	390	6	0.33	<5	10	195	<20	0.41	<10
H742312		10	18.20	1440	<1	0.27	1245	410	4	0.37	<5	10	194	<20	0.42	<10
H742313		20	19.55	1475	<1	0.24	1245	410	<2	0.24	<5	10	201	<20	0.42	<10
H742314		20	20.3	1540	<1	0.27	1310	410	<2	0.17	<5	11	208	<20	0.44	<10
H742315		20	20.2	1535	<1	0.23	1325	390	<2	0.16	<5	10	203	<20	0.42	<10
H742316		10	19.65	1490	<1	0.19	1280	390	4	0.26	<5	10	195	<20	0.40	<10
H742317		20	19.50	1470	<1	0.18	1220	370	<2	0.18	<5	10	183	<20	0.40	<10
H742318		20	19.15	1425	<1	0.17	1210	410	<2	0.40	<5	9	174	<20	0.36	<10
H742319		20	19.10	1375	<1	0.20	1210	450	<2	0.27	<5	7	224	<20	0.40	<10
H742320		10	0.26	564	<1	2.68	5	180	5	<0.01	<5	4	167	<20	0.11	<10
H742321		20	19.50	1385	<1	0.23	1250	450	<2	0.12	<5	7	216	<20	0.41	<10
H742322		20	19.30	1440	<1	0.23	1260	430	3	0.28	<5	5	211	<20	0.37	<10
H742323		20	20.1	1470	<1	0.24	1290	400	<2	0.21	<5	10	183	<20	0.39	<10
H742323 CRD		20	20.2	1485	<1	0.24	1300	400	<2	0.21	<5	10	180	<20	0.40	<10
H742324		10	19.50	1435	<1	0.16	1320	360	4	0.43	<5	9	172	<20	0.38	<10
H742325		20	20.3	1495	<1	0.24	1360	370	6	0.18	<5	10	163	<20	0.40	<10
H742326		10	19.05	1385	<1	0.24	1300	360	<2	0.10	<5	9	138	<20	0.38	<10
H742327		20	19.90	1470	<1	0.29	1355	360	2	0.22	<5	10	182	<20	0.38	<10
H742328		20	20.4	1425	<1	0.36	1390	390	<2	0.06	<5	10	179	<20	0.41	<10
H742329		20	19.75	1370	<1	0.30	1455	360	<2	0.12	<5	10	162	<20	0.37	<10
H742330		10	10.05	1120	<1	0.78	1350	160	8	0.31	8	19	182	<20	0.11	<10
H742331		20	20.8	1465	<1	0.35	1480	390	<2	0.06	<5	10	177	<20	0.41	<10
H742332		20	20.5	1445	<1	0.29	1535	350	<2	0.11	<5	10	170	<20	0.39	<10
H742333		20	19.40	1395	<1	0.27	1400	370	2	0.30	<5	9	182	<20	0.35	<10
H742334		20	19.85	1445	<1	0.36	1375	380	4	0.12	<5	10	206	<20	0.38	<10
H742335		20	20.2	1490	<1	0.40	1370	370	4	0.09	<5	10	192	<20	0.39	<10
H742336		10	20.5	1520	<1	0.42	1400	420	<2	0.30	<5	9	210	<20	0.42	<10
H742337		20	19.45	1465	<1	0.40	1275	430	<2	0.36	<5	10	215	<20	0.41	<10
H742338		10	19.10	1425	<1	0.35	1465	380	6	0.64	<5	10	211	<20	0.39	<10
H742339		20	19.35	1440	<1	0.47	1380	440	2	0.18	<5	10	204	<20	0.43	<10
H742340		20	19.40	1475	<1	0.53	1380	430	<2	0.14	<5	10	200	<20	0.44	<10
H742341		20	19.65	1505	<1	0.53	1360	450	3	0.13	<5	11	195	<20	0.46	<10
H742342		20	19.20	1490	<1	0.54	1325	450	<2	0.14	<5	11	218	<20	0.46	<10
H742343		20	19.05	1495	<1	0.52	1270	490	4	0.42	<5	11	250	<20	0.47	<10
H742343 CRD		20	18.45	1440	<1	0.50	1225	470	<2	0.39	<5	11	240	<20	0.45	<10
H742344		20	18.60	1440	<1	0.56	1265	480	<2	0.15	<5	11	244	<20	0.49	<10
H742345		20	18.60	1475	1	0.52	1305	520	5	0.23	<5	12	257	<20	0.51	<10
H742346		20	18.10	1415	<1	0.53	1375	500	<2	0.31	<5	12	242	<20	0.51	<10
H742347		10	16.55	1365	1	0.60	1420	490	3	0.35	<5	12	245	<20	0.49	<10

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H742310		<10	73	<10	63	0.058	0.181	0.687			
H742311		<10	98	<10	100	0.005	0.0575	0.048			
H742312		<10	98	<10	100	0.004	0.0458	0.037			
H742313		<10	98	<10	106	0.004	0.0605	0.053			
H742314		<10	100	<10	108	0.007	0.0888	0.085			
H742315		<10	100	<10	106	0.005	0.0517	0.045			
H742316		<10	96	<10	105	0.004	0.0489	0.041			
H742317		<10	93	<10	102	0.003	0.0396	0.033			
H742318		<10	73	<10	99	0.004	0.0422	0.037			
H742319		<10	78	<10	95	0.004	0.0438	0.038			
H742320		<10	15	<10	28	0.001	<0.0005	<0.001			
H742321		<10	81	<10	95	0.005	0.0618	0.054			
H742322		<10	78	<10	99	0.004	0.0477	0.063			
H742323		<10	89	<10	103	0.005	0.0564	0.055			
H742323 CRD		<10	91	<10	104	0.005	0.0541	0.054			
H742324		<10	89	<10	99	0.007	0.0867	0.084			
H742325		<10	93	<10	108	0.006	0.0710	0.064			
H742326		<10	88	<10	97	0.008	0.113	0.096			
H742327		<10	94	<10	107	0.006	0.0921	0.079			
H742328		<10	97	<10	99	0.006	0.0830	0.069			
H742329		<10	93	<10	96	0.041	0.210	0.188			
H742330		<10	110	<10	285	0.096	>1.00	0.504	0.12	1.23	0.57
H742331		<10	98	<10	104	0.004	0.0619	0.049			
H742332		<10	101	<10	104	0.007	0.0987	0.084			
H742333		<10	92	<10	100	0.007	0.0934	0.076			
H742334		<10	94	<10	103	0.006	0.0690	0.059			
H742335		<10	97	<10	103	0.006	0.0933	0.078			
H742336		<10	101	<10	106	0.011	0.159	0.138			
H742337		<10	98	<10	105	0.004	0.0569	0.046			
H742338		<10	96	<10	119	0.018	0.292	0.279			
H742339		<10	102	<10	112	0.011	0.152	0.138			
H742340		<10	104	<10	104	0.010	0.130	0.116			
H742341		<10	105	<10	106	0.011	0.150	0.136			
H742342		<10	104	<10	104	0.013	0.179	0.171			
H742343		<10	106	<10	103	0.004	0.0463	0.043			
H742343 CRD		<10	104	<10	100	0.003	0.0392	0.036			
H742344		<10	110	<10	102	0.009	0.116	0.108			
H742345		<10	115	<10	111	0.011	0.136	0.129			
H742346		<10	116	<10	101	0.016	0.220	0.209			
H742347		<10	114	<10	98	0.015	0.219	0.196			

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-147 BL

CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742348		4.75	<0.5	2.02	11	100	0.5	<2	2.62	<0.5	126	3050	476	9.69	<10	0.22
H742349		4.69	<0.5	2.32	<5	100	0.5	<2	2.67	<0.5	121	3030	281	9.59	<10	0.20
H742350		0.11	1.0	8.70	8	70	<0.5	<2	6.91	<0.5	100	456	3600	6.54	<10	0.39
H742351		4.65	<0.5	2.46	6	110	0.5	<2	2.84	<0.5	122	2780	317	9.83	<10	0.21
H742352		4.83	0.6	2.49	<5	100	0.5	<2	2.90	<0.5	116	2700	184	9.62	<10	0.23
H742353		4.89	<0.5	2.71	7	110	0.5	<2	3.07	<0.5	117	2870	220	9.72	<10	0.26
H742354		4.97	<0.5	2.97	8	140	0.6	<2	3.36	<0.5	113	2770	202	9.75	<10	0.33
H742355		4.67	<0.5	3.29	12	140	0.7	<2	3.54	<0.5	106	2390	183	9.56	<10	0.43
H742356		4.57	<0.5	3.68	6	170	0.7	<2	3.92	<0.5	98	1940	362	9.40	<10	0.46
H742357		2.26	<0.5	3.77	13	120	0.8	<2	4.04	<0.5	90	1540	294	9.16	10	0.51
H742358		1.91	0.5	3.61	12	120	1.1	<2	4.06	<0.5	113	2110	623	9.81	<10	0.39
H742359		0.84	0.5	7.16	26	250	1.5	<2	1.48	0.5	49	415	1315	6.71	10	1.11
H742360		0.09	<0.5	6.81	6	950	1.0	<2	1.42	<0.5	2	28	23	1.66	10	2.22
H742361		1.70	<0.5	7.99	13	450	1.7	<2	0.71	<0.5	29	135	597	4.76	20	1.79
H742362		4.41	<0.5	7.59	9	580	1.5	<2	0.83	<0.5	20	139	34	4.72	10	1.89
H742363		4.39	<0.5	7.55	12	470	1.5	<2	0.95	<0.5	19	131	11	4.22	20	1.40
H742363 CRD		0.02	<0.5	7.29	14	450	1.4	<2	0.92	<0.5	19	126	10	4.11	10	1.31

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-147 BL

CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742348		10	16.40	1375	<1	0.53	1365	550	<2	0.56	<5	13	244	<20	0.52	<10
H742349		10	16.10	1360	<1	0.73	1285	480	<2	0.14	<5	13	268	<20	0.55	<10
H742350		<10	6.15	833	1	1.12	3190	90	<2	1.64	<5	15	82	<20	0.12	<10
H742351		10	16.00	1395	<1	0.72	1255	530	<2	0.36	<5	13	291	<20	0.60	<10
H742352		10	15.30	1365	<1	0.73	1140	570	2	0.22	<5	13	296	<20	0.64	<10
H742353		10	15.10	1375	1	0.76	1145	600	<2	0.14	<5	14	316	<20	0.68	<10
H742354		10	14.50	1385	<1	0.75	1095	640	3	0.18	<5	15	354	<20	0.72	<10
H742355		20	13.40	1360	1	0.78	988	670	<2	0.41	<5	16	369	<20	0.77	<10
H742356		20	12.05	1340	<1	0.89	915	760	2	0.36	<5	17	410	<20	0.87	<10
H742357		20	10.95	1320	<1	0.79	769	780	<2	0.33	<5	18	333	<20	0.91	<10
H742358		20	11.80	1420	<1	0.75	1090	660	15	0.42	<5	18	295	<20	0.81	<10
H742359		10	3.79	887	1	2.58	642	780	155	2.16	<5	16	121	<20	0.42	<10
H742360		10	0.23	610	1	2.81	6	200	3	0.01	<5	5	182	<20	0.12	<10
H742361		10	2.39	594	1	3.22	170	920	4	1.56	<5	17	155	<20	0.45	<10
H742362		20	2.02	577	<1	2.73	74	830	2	1.00	<5	13	248	<20	0.39	<10
H742363		20	2.13	508	<1	3.06	69	860	<2	1.02	<5	12	279	<20	0.37	<10
H742363 CRD		20	2.05	494	<1	2.93	66	820	2	0.99	<5	12	266	<20	0.35	<10

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Project: SD09-147 BL

CERTIFICATE OF ANALYSIS TB09087634

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H742348		<10	124	<10	99	0.014	0.211	0.183			
H742349		<10	128	<10	98	0.009	0.118	0.100			
H742350		<10	77	<10	67	0.058	0.192	0.696			
H742351		<10	134	<10	100	0.010	0.119	0.107			
H742352		<10	138	<10	97	0.005	0.0556	0.048			
H742353		<10	147	<10	98	0.006	0.0774	0.065			
H742354		<10	156	<10	105	0.005	0.0645	0.053			
H742355		<10	167	<10	100	0.005	0.0556	0.047			
H742356		<10	179	<10	97	0.009	0.118	0.105			
H742357		<10	187	<10	95	0.008	0.0898	0.079			
H742358		<10	177	<10	139	0.016	0.202	0.186			
H742359		10	127	<10	207	0.034	0.363	0.360			
H742360		10	16	<10	27	0.001	0.0010	0.001			
H742361		10	149	<10	37	0.004	0.0641	0.051			
H742362		10	114	<10	37	0.002	0.0035	0.004			
H742363		10	110	<10	46	0.001	0.0017	0.002			
H742363 CRD		10	104	<10	43	0.001	0.0016	0.002			

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

CERTIFICATE TB09088869

Project: SD09-148 BL

P.O. No.:

This report is for 79 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-148 BL

CERTIFICATE OF ANALYSIS TB09088869

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168230		2.03	<0.5	2.18	10	120	0.5	<2	3.05	<0.5	120	2440	92	10.20	<10	0.28
G168231		2.08	0.9	1.93	5	90	<0.5	<2	2.51	<0.5	129	3010	217	10.15	<10	0.17
H742364		3.95	<0.5	7.75	12	570	2.3	<2	0.22	<0.5	9	41	57	1.95	20	3.42
H742365		4.31	<0.5	6.56	13	960	1.7	<2	0.49	<0.5	4	15	15	1.43	20	3.99
H742366		4.12	<0.5	4.73	23	800	1.2	<2	6.10	<0.5	46	441	250	6.84	10	0.73
H742367		3.36	<0.5	4.71	13	230	1.2	<2	5.99	<0.5	56	614	138	7.17	10	0.34
H742368		3.50	0.5	3.53	<5	860	0.9	<2	4.28	<0.5	91	1390	115	9.02	10	0.43
H742369		4.49	0.5	3.12	22	140	0.7	<2	4.01	<0.5	103	1790	127	9.73	10	0.38
H742370		0.10	0.5	6.73	5	60	<0.5	<2	4.77	<0.5	74	3390	639	6.25	<10	0.15
H742371		4.90	0.7	2.80	<5	130	0.5	<2	3.82	<0.5	105	1850	132	9.87	<10	0.33
H742372		4.76	0.7	2.62	14	160	0.6	<2	3.47	<0.5	106	2010	107	9.52	<10	0.41
H742373		4.62	0.6	2.36	19	140	0.6	<2	3.05	<0.5	115	2310	124	9.80	10	0.36
H742374		4.83	0.7	2.26	11	120	0.6	<2	3.31	<0.5	121	2330	117	10.50	10	0.33
H742375		4.73	0.7	2.34	14	120	0.6	<2	3.30	<0.5	120	2360	131	10.40	<10	0.39
H742376		4.59	0.6	2.40	<5	130	0.6	<2	3.37	<0.5	125	2540	181	10.75	<10	0.39
H742377		4.91	0.6	2.28	<5	160	0.5	<2	3.33	<0.5	124	2480	163	10.70	<10	0.33
H742378		4.45	0.5	2.29	8	110	0.5	<2	3.21	<0.5	126	2540	114	10.70	<10	0.33
H742379		2.32	0.5	2.39	<5	120	0.5	5	3.28	<0.5	130	2500	114	11.05	<10	0.31
H742380		4.73	<0.5	2.27	<5	110	0.5	3	3.14	<0.5	128	2450	144	10.75	<10	0.27
H742381		4.53	<0.5	2.22	10	110	0.5	<2	2.95	<0.5	130	2320	203	10.70	10	0.27
H742382		4.69	0.6	2.16	<5	110	0.5	<2	2.92	<0.5	126	2590	182	10.50	<10	0.26
H742383		4.65	0.7	2.28	8	110	0.5	<2	3.08	<0.5	131	2720	246	10.85	<10	0.29
H742383 CRD		<0.02	0.6	2.29	9	110	0.5	2	3.07	<0.5	127	2580	243	10.80	<10	0.28
H742384		4.61	1.2	2.38	<5	140	0.6	<2	2.89	<0.5	131	2570	183	10.60	10	0.35
H742385		4.45	0.7	2.24	<5	120	0.6	<2	2.88	<0.5	134	2510	191	10.95	<10	0.29
H742386		4.53	<0.5	2.22	6	110	0.5	<2	2.89	<0.5	136	2530	135	11.10	<10	0.24
H742387		4.84	0.5	2.33	<5	130	0.6	<2	2.90	<0.5	134	2580	125	11.05	<10	0.26
H742388		4.28	0.7	2.13	9	110	0.5	<2	2.80	<0.5	135	2660	158	10.80	10	0.20
H742389		4.61	<0.5	1.98	<5	100	0.5	4	2.65	<0.5	132	2750	137	10.70	10	0.20
H742390		0.09	1.3	8.96	<5	70	<0.5	<2	6.87	<0.5	100	422	3410	6.47	<10	0.38
H742391		4.50	0.5	1.98	5	100	0.5	<2	2.42	<0.5	130	2820	132	10.40	10	0.22
H742392		4.77	0.5	2.05	6	110	0.5	<2	2.53	<0.5	136	2890	155	10.60	<10	0.20
H742393		4.60	0.8	2.12	9	110	0.5	<2	2.51	<0.5	141	3030	135	10.85	<10	0.22
H742394		4.58	0.8	2.13	<5	110	0.5	<2	2.54	<0.5	143	3120	128	11.05	<10	0.28
H742395		4.78	<0.5	2.07	8	110	0.6	<2	2.44	<0.5	138	3040	125	10.70	<10	0.35
H742396		4.71	<0.5	2.07	5	110	0.5	<2	2.47	<0.5	140	3170	92	10.85	<10	0.29
H742397		4.50	0.5	2.01	6	100	0.6	<2	2.29	<0.5	138	3200	125	10.55	<10	0.31
H742398		4.71	0.8	2.10	9	110	0.6	<2	2.34	<0.5	141	3310	139	10.70	<10	0.34
H742399		4.72	0.7	1.97	5	110	0.5	<2	2.19	<0.5	133	3270	110	9.97	10	0.30
H742400		0.09	<0.5	6.89	<5	940	1.0	<2	1.41	<0.5	4	26	16	1.64	20	2.13

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Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-148 BL

CERTIFICATE OF ANALYSIS TB09088869

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168230		20	16.00	1450	<1	0.46	995	520	3	0.94	<5	14	281	<20	0.54	<10
G168231		10	17.70	1410	<1	0.60	1265	450	4	0.36	<5	12	231	<20	0.51	<10
H742364		20	0.81	87	3	1.96	26	230	6	0.73	<5	9	138	<20	0.11	<10
H742365		10	0.58	177	1	1.89	9	230	7	0.36	<5	5	181	<20	0.15	<10
H742366		30	6.06	1285	<1	1.83	210	970	13	0.27	<5	31	315	<20	1.13	<10
H742367		30	7.49	1210	<1	1.93	317	990	5	0.14	<5	27	323	<20	1.10	<10
H742368		20	11.50	1330	<1	0.78	617	870	5	0.13	<5	19	383	<20	0.86	<10
H742369		20	13.15	1420	<1	0.55	747	780	2	0.12	<5	19	315	<20	0.84	<10
H742370		10	10.00	1125	<1	0.75	1380	140	6	0.33	12	19	178	<20	0.11	<10
H742371		20	13.90	1420	<1	0.45	806	650	3	0.11	<5	17	339	<20	0.77	<10
H742372		20	14.30	1455	<1	0.43	847	660	7	0.31	<5	16	291	<20	0.72	<10
H742373		20	15.10	1455	<1	0.34	940	560	6	0.41	<5	15	246	<20	0.63	<10
H742374		20	16.20	1500	<1	0.34	987	520	2	0.35	<5	17	240	<20	0.61	<10
H742375		20	16.35	1495	<1	0.47	1010	530	3	0.25	<5	16	254	<20	0.59	<10
H742376		20	16.70	1565	<1	0.58	1050	590	4	0.91	<5	17	249	<20	0.61	<10
H742377		20	16.95	1565	<1	0.54	1050	530	5	1.27	<5	16	279	<20	0.58	<10
H742378		20	16.85	1530	<1	0.55	1035	560	4	1.23	<5	16	269	<20	0.57	<10
H742379		20	17.55	1570	<1	0.50	1075	570	2	0.94	<5	16	303	<20	0.61	<10
H742380		20	17.25	1515	<1	0.56	1060	530	4	0.89	<5	15	273	<20	0.58	<10
H742381		20	17.80	1510	<1	0.59	1100	540	3	1.39	<5	15	264	<20	0.51	<10
H742382		20	17.00	1500	<1	0.59	1090	550	2	1.32	<5	14	258	<20	0.53	<10
H742383		20	17.45	1540	<1	0.62	1130	500	3	1.15	<5	15	290	<20	0.55	<10
H742383 CRD		20	17.40	1545	<1	0.62	1120	510	2	1.15	<5	15	291	<20	0.57	<10
H742384		20	17.50	1515	<1	0.60	1090	620	<2	0.98	<5	14	303	<20	0.54	<10
H742385		20	18.10	1560	<1	0.65	1130	540	2	0.72	<5	14	297	<20	0.57	<10
H742386		20	18.25	1580	<1	0.67	1120	550	<2	0.66	<5	14	276	<20	0.57	<10
H742387		20	18.25	1580	<1	0.76	1125	580	4	0.35	<5	14	291	<20	0.61	10
H742388		20	18.25	1530	<1	0.66	1155	500	2	0.39	<5	14	280	<20	0.52	<10
H742389		20	18.15	1515	<1	0.56	1140	500	3	0.94	<5	13	238	<20	0.48	<10
H742390		10	6.11	839	<1	1.13	3060	90	4	1.70	<5	16	83	<20	0.12	<10
H742391		20	17.95	1480	<1	0.61	1150	500	2	0.49	<5	13	233	<20	0.48	<10
H742392		20	18.40	1500	<1	0.64	1200	500	2	0.42	<5	12	248	<20	0.51	<10
H742393		20	19.30	1540	<1	0.64	1260	540	<2	0.43	<5	12	264	<20	0.50	<10
H742394		20	19.75	1570	<1	0.63	1300	570	2	0.47	<5	12	252	<20	0.51	<10
H742395		20	19.05	1525	<1	0.61	1270	480	9	0.50	<5	12	261	<20	0.50	<10
H742396		20	19.60	1540	<1	0.61	1300	520	4	0.36	<5	12	255	<20	0.52	<10
H742397		20	19.35	1505	<1	0.58	1310	490	4	0.46	<5	12	247	<20	0.49	<10
H742398		20	20.0	1525	<1	0.62	1360	540	2	0.55	<5	12	257	<20	0.51	<10
H742399		20	19.25	1420	<1	0.61	1325	520	2	0.42	<5	11	237	<20	0.46	<10
H742400		10	0.25	600	<1	2.70	5	190	7	<0.01	<5	5	179	<20	0.12	<10

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-148 BL

CERTIFICATE OF ANALYSIS TB09088869

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168230		<10	130	<10	105	0.002	0.0230	0.019			
G168231		10	118	<10	98	0.006	0.0836	0.072			
H742364		20	37	<10	12	0.001	0.0010	0.001			
H742365		20	26	<10	20	0.001	0.0006	<0.001			
H742366		10	217	<10	107	0.003	0.0613	0.049			
H742367		<10	195	<10	88	0.002	0.0244	0.014			
H742368		10	169	<10	96	0.004	0.0242	0.013			
H742369		<10	161	<10	101	0.004	0.0263	0.018			
H742370		10	107	<10	276	0.114	>1.00	0.564	0.11	1.27	0.59
H742371		<10	157	<10	107	0.003	0.0266	0.019			
H742372		10	145	<10	99	0.003	0.0256	0.019			
H742373		10	132	<10	115	0.004	0.0391	0.031			
H742374		<10	144	<10	108	0.003	0.0240	0.022			
H742375		10	140	<10	112	0.004	0.0282	0.022			
H742376		<10	142	<10	111	0.009	0.0558	0.047			
H742377		<10	143	<10	111	0.004	0.0401	0.034			
H742378		<10	138	<10	106	0.003	0.0290	0.021			
H742379		10	144	<10	115	0.002	0.0306	0.025			
H742380		<10	137	<10	106	0.003	0.0434	0.037			
H742381		<10	128	<10	105	0.004	0.0588	0.052			
H742382		10	128	<10	106	0.004	0.0366	0.025			
H742383		<10	135	<10	109	0.006	0.0595	0.050			
H742383 CRD		<10	134	<10	107	0.006	0.0623	0.049			
H742384		<10	122	<10	104	0.005	0.0526	0.042			
H742385		<10	129	<10	107	0.005	0.0494	0.042			
H742386		<10	134	<10	109	0.003	0.0288	0.022			
H742387		<10	133	<10	109	0.004	0.0315	0.024			
H742388		<10	120	<10	105	0.004	0.0412	0.036			
H742389		<10	120	<10	104	0.003	0.0323	0.025			
H742390		10	77	<10	65	0.057	0.1920	0.694			
H742391		<10	117	<10	102	0.007	0.0280	0.021			
H742392		<10	116	<10	104	0.004	0.0475	0.044			
H742393		<10	119	10	106	0.004	0.0456	0.035			
H742394		<10	117	<10	110	0.003	0.0379	0.034			
H742395		10	112	<10	137	0.004	0.0472	0.039			
H742396		10	115	<10	107	0.002	0.0310	0.023			
H742397		10	112	<10	108	0.004	0.0596	0.047			
H742398		<10	113	<10	107	0.005	0.0669	0.055			
H742399		10	104	<10	100	0.003	0.0509	0.038			
H742400		10	16	<10	28	<0.001	0.0010	<0.001			

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-148 BL

CERTIFICATE OF ANALYSIS TB09088869

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742401		4.71	0.7	1.95	<5	100	<0.5	<2	2.25	<0.5	134	3880	121	10.30	<10	0.18
H742402		4.54	0.6	1.90	<5	90	<0.5	<2	2.21	<0.5	137	4190	215	10.40	<10	0.16
H742403		4.80	0.9	1.93	<5	100	<0.5	<2	2.27	<0.5	143	3790	161	10.75	<10	0.18
H742403 CRD		<0.02	0.5	1.92	<5	90	<0.5	<2	2.24	<0.5	139	3640	157	10.65	<10	0.18
H742404		4.79	0.6	1.91	7	100	<0.5	2	2.24	<0.5	140	3330	82	10.70	<10	0.19
H742405		4.79	0.5	1.94	<5	100	<0.5	<2	2.18	<0.5	136	3250	88	10.70	10	0.18
H742406		4.76	<0.5	1.98	9	100	<0.5	<2	2.34	<0.5	145	3170	168	10.95	10	0.20
H742407		4.56	0.6	1.95	6	100	<0.5	5	2.16	<0.5	139	2940	84	10.60	<10	0.22
H742408		4.75	<0.5	1.83	5	90	<0.5	<2	2.05	<0.5	130	2830	105	9.94	<10	0.21
H742409		4.79	<0.5	1.87	14	100	<0.5	2	2.11	<0.5	131	2990	142	9.93	<10	0.22
H742410		0.10	0.5	6.80	6	60	<0.5	<2	4.80	<0.5	76	3520	650	6.32	10	0.15
H742411		4.69	0.9	1.87	6	100	<0.5	<2	2.10	<0.5	135	3110	97	10.50	<10	0.26
H742412		5.09	0.9	1.88	<5	100	<0.5	2	2.12	<0.5	133	3000	147	10.40	<10	0.25
H742413		5.03	0.6	1.91	35	100	<0.5	<2	2.22	<0.5	138	2830	97	10.65	10	0.24
H742414		4.77	0.8	1.99	<5	100	<0.5	<2	2.26	<0.5	145	2860	131	11.00	10	0.21
H742415		4.96	0.5	1.95	<5	90	<0.5	3	2.21	<0.5	132	2760	156	10.30	10	0.22
H742416		4.98	0.6	1.91	7	90	<0.5	<2	2.30	<0.5	136	2940	136	10.30	<10	0.21
H742417		4.88	0.8	1.96	8	100	<0.5	<2	2.35	<0.5	131	2930	142	10.25	<10	0.21
H742418		4.66	0.5	2.05	6	110	0.5	<2	2.52	<0.5	130	2970	191	10.15	<10	0.22
H742419		2.37	0.9	1.97	<5	90	<0.5	<2	2.52	<0.5	132	2950	255	10.45	<10	0.18
H742420		2.45	0.9	2.08	<5	90	<0.5	<2	2.66	<0.5	133	2930	168	10.30	<10	0.19
H742421		2.41	1.0	2.11	5	90	<0.5	5	2.75	<0.5	128	2930	231	10.25	<10	0.19
H742422		2.44	0.5	2.20	<5	100	<0.5	<2	2.77	<0.5	127	2940	272	10.20	<10	0.20
H742423		2.35	0.8	2.30	<5	110	0.5	<2	2.78	<0.5	128	2960	254	10.20	<10	0.23
H742423 CRD		<0.02	<0.5	2.24	<5	110	<0.5	<2	2.77	<0.5	122	2920	261	9.87	<10	0.21
H742424		5.13	0.5	2.44	<5	130	0.5	<2	2.84	<0.5	120	2880	245	9.79	<10	0.26
H742425		4.84	<0.5	2.61	7	120	0.5	<2	3.16	<0.5	119	2990	246	9.96	10	0.38
H742426		4.84	<0.5	2.93	10	150	0.6	<2	3.22	<0.5	112	2810	202	9.49	<10	0.42
H742427		4.56	<0.5	3.66	10	190	0.8	<2	3.29	<0.5	108	2660	237	9.64	<10	0.52
H742428		2.28	0.6	4.06	7	140	0.9	<2	3.55	<0.5	89	2080	141	8.65	20	0.48
H742429		2.35	<0.5	4.31	15	170	0.9	<2	4.24	<0.5	81	1850	155	9.04	10	0.58
H742430		0.10	1.1	8.60	<5	70	<0.5	<2	6.61	<0.5	100	439	3300	6.25	10	0.37
H742431		2.48	0.5	4.33	14	190	1.0	2	4.16	<0.5	84	1650	375	8.75	10	0.60
H742432		1.91	<0.5	8.74	<5	720	2.0	<2	0.50	<0.5	27	135	176	4.80	30	3.47
H742433		4.37	<0.5	8.56	7	700	2.1	<2	0.49	<0.5	18	97	4	3.72	20	3.06
H742434		3.99	<0.5	8.78	<5	720	2.2	<2	0.42	<0.5	22	107	30	4.46	20	3.11
H742435		4.89	<0.5	8.62	6	550	2.4	<2	0.78	<0.5	23	127	7	5.07	30	1.74
H742436		2.36	0.7	8.49	<5	580	1.7	<2	0.62	<0.5	22	121	77	4.55	20	1.94
H742437		4.89	<0.5	8.51	<5	610	1.5	<2	0.84	<0.5	27	125	74	4.77	20	2.03

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THUNDER BAY ON P7B 6V1

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-148 BL

CERTIFICATE OF ANALYSIS TB09088869

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742401		20	19.35	1445	<1	0.61	1410	480	2	0.23	<5	11	244	<20	0.48	<10
H742402		20	19.40	1450	<1	0.60	1485	450	<2	0.22	<5	11	243	<20	0.47	<10
H742403		10	20.0	1510	<1	0.60	1445	480	<2	0.11	<5	12	248	<20	0.50	<10
H742403 CRD		20	19.80	1495	<1	0.60	1420	470	5	0.11	<5	11	246	<20	0.49	<10
H742404		20	19.70	1505	<1	0.60	1360	490	6	0.09	<5	11	239	<20	0.49	<10
H742405		10	19.45	1500	<1	0.62	1335	490	<2	0.10	<5	11	238	<20	0.48	<10
H742406		10	19.85	1530	<1	0.59	1335	480	5	0.19	<5	12	247	<20	0.49	<10
H742407		20	19.45	1480	<1	0.60	1275	480	2	0.15	<5	11	233	<20	0.48	<10
H742408		10	18.45	1390	<1	0.56	1225	450	5	0.12	<5	11	225	<20	0.45	<10
H742409		10	18.30	1390	<1	0.59	1265	460	5	0.17	<5	11	227	<20	0.46	<10
H742410		10	10.15	1135	<1	0.76	1400	150	4	0.33	14	19	180	<20	0.11	<10
H742411		20	18.85	1465	<1	0.58	1300	490	2	0.11	<5	11	217	<20	0.47	<10
H742412		20	18.60	1450	<1	0.53	1255	450	<2	0.18	<5	11	230	<20	0.47	<10
H742413		20	18.90	1490	<1	0.55	1230	470	<2	0.40	<5	11	231	<20	0.47	<10
H742414		20	19.55	1535	<1	0.63	1275	480	<2	0.17	<5	12	239	<20	0.49	<10
H742415		10	18.35	1435	<1	0.54	1225	450	2	0.24	<5	11	240	<20	0.46	<10
H742416		10	18.40	1440	<1	0.55	1245	510	<2	0.30	<5	12	234	<20	0.48	10
H742417		20	18.15	1435	<1	0.62	1240	530	<2	0.28	<5	12	239	<20	0.50	<10
H742418		20	17.80	1420	<1	0.56	1255	470	5	0.64	<5	12	241	<20	0.47	<10
H742419		10	18.15	1450	<1	0.61	1310	460	<2	0.36	<5	13	234	<20	0.52	<10
H742420		10	17.90	1445	<1	0.60	1260	470	4	0.63	<5	13	255	<20	0.53	<10
H742421		20	17.55	1435	<1	0.50	1275	550	3	1.14	<5	13	278	<20	0.49	<10
H742422		20	17.40	1415	<1	0.65	1270	570	<2	0.57	<5	13	274	<20	0.56	<10
H742423		20	17.30	1440	<1	0.59	1235	570	3	0.68	<5	13	281	<20	0.57	<10
H742423 CRD		20	16.80	1390	<1	0.60	1225	540	6	0.59	<5	13	273	<20	0.57	<10
H742424		20	16.40	1370	1	0.71	1200	540	<2	0.17	<5	14	304	<20	0.62	<10
H742425		20	16.00	1395	<1	0.63	1175	610	<2	0.64	<5	15	318	<20	0.65	<10
H742426		20	15.15	1370	<1	0.70	1090	730	4	0.65	<5	14	360	<20	0.67	<10
H742427		20	14.20	1425	<1	0.77	1040	910	4	0.44	<5	14	405	<20	0.80	<10
H742428		20	12.25	1430	<1	0.81	774	1110	4	1.44	<5	16	329	<20	0.89	<10
H742429		20	11.45	1410	<1	0.90	684	960	5	1.31	<5	19	375	<20	0.99	<10
H742430		10	5.86	809	<1	1.09	2900	80	<2	1.66	<5	15	82	<20	0.11	<10
H742431		20	10.10	1275	<1	0.96	712	860	3	1.41	<5	20	328	<20	0.88	<10
H742432		20	2.35	460	<1	1.48	104	780	<2	0.60	<5	18	126	<20	0.39	<10
H742433		20	1.77	305	<1	2.29	70	760	<2	0.76	<5	13	167	<20	0.33	<10
H742434		20	1.91	369	1	2.00	75	790	4	0.48	<5	17	169	<20	0.39	<10
H742435		30	2.26	451	<1	2.26	84	910	8	0.26	<5	18	245	<20	0.42	<10
H742436		30	1.72	421	<1	2.26	78	810	8	0.08	<5	19	221	<20	0.41	10
H742437		30	1.83	545	<1	2.25	86	870	7	0.23	<5	18	295	<20	0.42	<10

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ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-SEP-2009
Account: MGMAM

Project: SD09-148 BL

CERTIFICATE OF ANALYSIS TB09088869

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742401		<10	111	<10	102	0.004	0.0502	0.040			
H742402		10	113	<10	103	0.008	0.1110	0.094			
H742403		<10	115	<10	105	0.007	0.0962	0.075			
H742403 CRD		10	113	<10	105	0.006	0.0903	0.066			
H742404		<10	110	<10	106	0.002	0.0333	0.023			
H742405		10	106	<10	103	0.002	0.0333	0.025			
H742406		10	111	<10	105	0.006	0.0833	0.070			
H742407		<10	106	<10	101	0.003	0.0386	0.029			
H742408		10	101	<10	104	0.004	0.0470	0.040			
H742409		<10	102	<10	97	0.006	0.0771	0.072			
H742410		<10	109	<10	282	0.118	>1.00	0.559	0.11	1.26	0.60
H742411		<10	108	<10	101	0.003	0.0436	0.032			
H742412		<10	102	<10	100	0.006	0.0795	0.065			
H742413		<10	105	<10	101	0.003	0.0389	0.030			
H742414		<10	110	<10	104	0.004	0.0544	0.047			
H742415		<10	104	<10	98	0.005	0.0668	0.058			
H742416		10	109	<10	99	0.004	0.0663	0.050			
H742417		10	113	<10	99	0.004	0.0547	0.046			
H742418		<10	113	10	110	0.013	0.0781	0.070			
H742419		10	120	<10	101	0.007	0.1110	0.101			
H742420		10	124	<10	102	0.005	0.0628	0.051			
H742421		<10	124	<10	121	0.009	0.107	0.083			
H742422		<10	127	<10	100	0.010	0.118	0.097			
H742423		<10	131	<10	102	0.009	0.105	0.085			
H742423 CRD		<10	127	<10	98	0.009	0.117	0.090			
H742424		<10	133	<10	98	0.009	0.105	0.092			
H742425		<10	145	<10	100	0.009	0.109	0.089			
H742426		10	137	<10	98	0.008	0.0879	0.064			
H742427		<10	157	<10	111	0.008	0.0837	0.066			
H742428		<10	174	<10	91	0.005	0.0432	0.031			
H742429		<10	201	<10	98	0.005	0.0469	0.036			
H742430		10	74	<10	64	0.056	0.193	0.643			
H742431		<10	192	<10	97	0.013	0.124	0.105			
H742432		10	142	<10	47	0.003	0.0076	0.006			
H742433		10	109	<10	36	0.003	0.0020	0.002			
H742434		10	131	<10	40	0.003	0.0019	0.002			
H742435		10	142	<10	43	0.002	0.0015	0.001			
H742436		10	147	<10	47	0.002	0.0022	0.002			
H742437		10	143	<10	55	0.002	0.0018	0.002			

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

Finalized Date: 10-SEP-2009
Account: MGMAM

CERTIFICATE TB09089633

Project: SD09-149 BL

P.O. No.:

This report is for 104 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 26-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - 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

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168232	2.32	<0.5	1.84	<5	90	<0.5	<2	2.69	<0.5	136	2570	218	10.80	<10	0.26
G168233	2.28	<0.5	1.59	<5	80	<0.5	<2	1.77	<0.5	137	3390	211	10.15	<10	0.18
H742438	4.63	<0.5	8.58	7	690	2.2	<2	0.44	<0.5	22	115	19	4.24	20	3.21
H742439	4.04	<0.5	8.45	8	770	2.4	<2	0.34	<0.5	17	96	7	3.60	20	3.47
H742440	0.09	<0.5	6.58	<5	980	1.0	<2	1.41	<0.5	2	23	16	1.61	10	2.15
H742441	2.13	<0.5	7.51	8	140	1.6	<2	2.28	<0.5	18	3	10	5.57	20	0.64
H742442	4.14	<0.5	7.51	27	110	1.8	<2	1.73	<0.5	25	2	1	6.91	20	0.24
H742443	3.98	<0.5	7.63	32	150	1.7	<2	1.55	<0.5	25	13	6	6.32	20	0.59
H742443 CRD	<0.02	<0.5	7.61	32	130	1.5	<2	1.53	<0.5	22	19	7	6.22	20	0.60
H742444	4.02	<0.5	7.69	78	220	1.7	<2	2.30	<0.5	21	3	6	5.91	20	0.89
H742445	4.13	<0.5	7.74	10	210	1.5	<2	3.42	<0.5	17	4	11	5.59	20	1.14
H742446	3.56	<0.5	7.81	17	180	1.6	<2	2.52	<0.5	22	29	<1	7.20	20	1.06
H742447	1.95	<0.5	5.05	<5	60	2.2	<2	6.38	<0.5	41	552	345	8.04	10	0.12
H742448	1.18	<0.5	3.97	29	250	2.3	<2	5.44	<0.5	114	634	2780	9.88	<10	0.02
H742449	4.48	<0.5	2.49	20	230	1.1	<2	4.55	<0.5	106	1660	528	9.80	<10	0.06
H742450	0.10	<0.5	6.64	<5	60	<0.5	<2	4.85	<0.5	77	3430	656	6.38	10	0.15
H742451	4.55	<0.5	2.44	28	100	0.6	<2	3.37	<0.5	110	1890	465	9.81	<10	0.18
H742452	4.50	<0.5	3.28	13	60	0.9	<2	4.22	<0.5	88	1410	162	8.85	<10	0.17
H742453	4.70	<0.5	2.95	7	100	0.6	<2	3.83	<0.5	106	1880	127	9.69	<10	0.20
H742454	4.75	<0.5	2.38	10	110	0.5	<2	3.73	<0.5	118	2100	175	10.30	<10	0.19
H742455	4.35	<0.5	2.04	11	90	0.5	<2	3.80	<0.5	120	2130	183	10.05	<10	0.19
H742456	2.83	<0.5	1.94	<5	100	<0.5	<2	2.96	<0.5	130	2370	172	10.70	<10	0.22
H742457	4.82	<0.5	1.91	60	100	0.5	<2	3.43	<0.5	126	2340	197	10.35	<10	0.18
H742458	4.82	<0.5	1.83	5	120	<0.5	<2	2.71	<0.5	132	2480	154	10.65	<10	0.25
H742459	2.41	<0.5	1.79	<5	80	<0.5	<2	2.65	<0.5	133	2590	215	10.65	<10	0.25
H742460	4.88	<0.5	1.76	9	90	<0.5	2	2.49	<0.5	135	2800	153	10.65	<10	0.24
H742461	4.63	<0.5	1.60	9	80	<0.5	<2	2.32	<0.5	131	2740	121	10.30	<10	0.21
H742462	5.00	<0.5	1.69	13	100	<0.5	<2	2.35	<0.5	136	2750	135	10.60	<10	0.22
H742463	4.86	<0.5	1.58	8	90	<0.5	<2	2.22	<0.5	134	2700	194	10.25	<10	0.22
H742463 CRD	<0.02	<0.5	1.57	14	90	<0.5	<2	2.21	<0.5	132	2730	187	10.30	<10	0.22
H742464	4.70	<0.5	1.60	<5	80	<0.5	<2	2.07	<0.5	137	2730	141	10.55	<10	0.22
H742465	4.97	<0.5	1.62	6	90	<0.5	<2	2.09	<0.5	138	2700	124	10.45	<10	0.22
H742466	5.14	<0.5	1.62	9	90	<0.5	<2	2.04	<0.5	144	2830	385	10.70	<10	0.21
H742467	5.06	<0.5	1.60	6	80	<0.5	<2	1.94	<0.5	141	2980	158	10.55	<10	0.21
H742468	4.92	<0.5	1.58	<5	80	<0.5	<2	1.88	<0.5	143	3060	281	10.75	<10	0.22
H742469	5.03	<0.5	1.55	6	80	<0.5	<2	1.85	<0.5	143	2970	263	10.85	<10	0.19
H742470	0.10	0.9	8.32	<5	70	<0.5	<2	6.64	<0.5	100	433	3390	6.34	10	0.37
H742471	4.86	<0.5	1.52	<5	80	<0.5	<2	1.78	<0.5	144	3050	129	10.80	<10	0.19
H742472	5.24	<0.5	1.47	7	70	<0.5	<2	1.76	<0.5	146	3110	126	10.80	<10	0.19
H742473	4.73	<0.5	1.75	7	100	0.5	<2	1.77	<0.5	136	3020	68	10.50	<10	0.22

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
G168232		20	17.55	1550	1	0.35	1205	420	4	0.17	<5	14	229	<20	0.49	<10
G168233		20	18.45	1435	1	0.32	1435	370	2	0.11	<5	10	190	<20	0.37	<10
H742438		20	2.34	635	1	1.14	77	710	4	0.34	<5	15	87	<20	0.34	<10
H742439		10	2.19	475	1	1.06	58	690	5	0.25	<5	13	78	<20	0.33	<10
H742440		10	0.21	604	<1	2.78	1	190	8	0.01	<5	5	185	<20	0.12	<10
H742441		30	3.39	934	<1	2.87	6	1950	<2	0.26	<5	13	62	<20	1.33	<10
H742442		30	4.31	991	<1	2.31	2	1920	<2	0.50	<5	14	54	<20	1.34	<10
H742443		60	3.50	875	<1	3.07	11	1750	2	0.81	<5	14	63	<20	1.32	<10
H742443 CRD		60	3.45	869	1	3.02	9	1700	5	0.76	<5	14	62	<20	1.28	<10
H742444		40	2.96	804	<1	3.17	6	2000	<2	1.30	<5	14	65	<20	1.36	<10
H742445		60	2.72	815	<1	3.15	5	2010	<2	0.40	<5	14	58	<20	1.29	<10
H742446		40	3.22	764	6	3.09	25	1920	3	0.57	<5	15	61	<20	1.25	<10
H742447		30	6.13	1360	<1	0.99	183	880	8	0.18	<5	41	81	<20	1.02	<10
H742448		30	9.04	1750	1	0.22	1115	850	9	0.88	<5	31	86	<20	0.93	<10
H742449		20	13.05	1725	1	0.12	864	560	2	0.48	<5	22	97	<20	0.64	<10
H742450		10	9.80	1155	<1	0.76	1420	140	4	0.32	<5	20	184	<20	0.11	<10
H742451		20	13.70	1480	<1	0.27	955	530	5	0.90	<5	17	227	<20	0.59	<10
H742452		20	11.70	1620	1	0.75	692	780	7	0.21	<5	20	207	<20	0.81	<10
H742453		20	14.00	1535	1	0.42	875	560	<2	0.11	<5	17	193	<20	0.76	<10
H742454		20	14.90	1515	1	0.29	974	470	2	0.28	<5	17	257	<20	0.58	<10
H742455		20	15.25	1470	<1	0.27	1005	470	<2	0.21	<5	17	242	<20	0.56	<10
H742456		20	16.80	1540	<1	0.39	1105	450	<2	0.08	<5	15	262	<20	0.52	<10
H742457		20	16.00	1470	1	0.33	1065	440	2	0.48	<5	14	259	<20	0.51	<10
H742458		20	17.25	1530	<1	0.34	1140	420	<2	0.07	<5	14	221	<20	0.49	<10
H742459		20	17.30	1525	1	0.36	1190	430	<2	0.14	<5	14	224	<20	0.47	<10
H742460		20	17.50	1530	1	0.35	1190	410	<2	0.16	<5	13	209	<20	0.47	<10
H742461		20	17.15	1475	1	0.31	1165	380	<2	0.20	<5	12	201	<20	0.43	<10
H742462		20	17.75	1520	<1	0.39	1205	400	2	0.24	<5	12	210	<20	0.44	<10
H742463		20	17.30	1465	<1	0.32	1215	380	2	0.19	<5	12	182	<20	0.41	<10
H742463 CRD		20	17.35	1475	1	0.32	1205	370	2	0.20	<5	12	179	<20	0.41	<10
H742464		20	18.15	1505	<1	0.37	1235	370	<2	0.15	<5	11	197	<20	0.42	<10
H742465		20	18.20	1500	<1	0.37	1230	390	<2	0.18	<5	11	206	<20	0.41	<10
H742466		20	18.60	1530	1	0.38	1375	400	<2	0.20	<5	11	219	<20	0.42	<10
H742467		20	18.60	1515	<1	0.40	1280	380	<2	0.12	<5	11	211	<20	0.42	<10
H742468		20	18.80	1530	<1	0.36	1320	390	2	0.13	<5	11	187	<20	0.40	<10
H742469		20	19.00	1550	1	0.36	1370	400	<2	0.13	<5	10	183	<20	0.38	<10
H742470		10	5.89	823	1	1.07	3030	80	4	1.61	<5	15	85	<20	0.11	<10
H742471		20	19.10	1545	1	0.34	1340	370	2	0.09	<5	10	198	<20	0.36	<10
H742472		20	19.35	1540	1	0.32	1375	370	<2	0.13	<5	10	192	<20	0.37	<10
H742473		20	18.15	1515	<1	0.62	1250	450	<2	0.35	<5	9	328	<20	0.34	<10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
G168232		<10	115	<10	105		0.007	0.0849	0.070			
G168233		<10	94	<10	97		0.008	0.0992	0.074			
H742438		<10	116	<10	53		0.002	0.0020	0.002			
H742439		10	111	<10	59		0.002	0.0015	0.002			
H742440		20	16	<10	29		0.001	<0.0005	<0.001			
H742441		30	158	<10	57		0.001	<0.0005	<0.001			
H742442		10	155	<10	60		0.001	<0.0005	<0.001			
H742443		10	176	<10	68		0.002	0.0014	0.001			
H742443 CRD		<10	168	<10	69		0.002	<0.0005	0.001			
H742444		20	157	<10	60		0.002	<0.0005	<0.001			
H742445		10	160	<10	57		0.001	0.0009	0.001			
H742446		20	178	<10	64		0.002	0.0119	0.008			
H742447		<10	219	<10	92		0.002	0.0038	0.002			
H742448		<10	186	<10	107		0.070	0.886	0.763			
H742449		<10	142	<10	105		0.013	0.178	0.156			
H742450		10	109	<10	281		0.105	>1.00	0.539	0.11	1.23	0.57
H742451		<10	132	<10	108		0.012	0.155	0.134			
H742452		<10	162	<10	142		0.005	0.0390	0.032			
H742453		<10	145	<10	98		0.005	0.0379	0.029			
H742454		<10	141	<10	104		0.006	0.0604	0.052			
H742455		<10	130	<10	101		0.006	0.0649	0.056			
H742456		<10	125	<10	105		0.006	0.0733	0.058			
H742457		<10	118	<10	100		0.005	0.0626	0.053			
H742458		<10	117	<10	105		0.005	0.0490	0.044			
H742459		<10	113	<10	102		0.008	0.0929	0.080			
H742460		<10	113	<10	104		0.005	0.0643	0.051			
H742461		<10	106	<10	99		0.004	0.0415	0.034			
H742462		<10	105	<10	102		0.005	0.0576	0.046			
H742463		<10	99	<10	97		0.008	0.0990	0.077			
H742463 CRD		<10	99	<10	98		0.007	0.0901	0.072			
H742464		<10	100	<10	100		0.006	0.0707	0.061			
H742465		<10	97	<10	106		0.004	0.0471	0.041			
H742466		<10	97	<10	104		0.014	0.192	0.180			
H742467		<10	97	<10	102		0.006	0.0801	0.064			
H742468		<10	95	<10	103		0.009	0.132	0.114			
H742469		<10	93	<10	104		0.010	0.124	0.095			
H742470		<10	74	<10	67		0.058	0.196	0.654			
H742471		<10	90	<10	103		0.006	0.0653	0.054			
H742472		<10	92	<10	101		0.006	0.0659	0.055			
H742473		<10	81	<10	106		0.004	0.0516	0.039			

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742474		5.05	<0.5	1.43	<5	80	<0.5	<2	1.71	<0.5	147	3100	253	10.65	<10	0.19
H742475		4.92	<0.5	1.40	6	80	<0.5	<2	1.66	<0.5	148	3180	134	10.65	<10	0.20
H742476		4.57	<0.5	1.32	56	100	<0.5	2	1.70	<0.5	138	3080	52	10.85	<10	0.20
H742477		4.84	<0.5	1.41	8	70	<0.5	3	1.59	<0.5	140	3030	189	10.50	<10	0.17
H742478		4.76	<0.5	1.34	<5	70	<0.5	<2	1.58	<0.5	145	3030	163	10.75	<10	0.16
H742479		5.14	<0.5	1.34	10	80	<0.5	2	1.65	<0.5	144	3350	78	10.70	<10	0.17
H742480		0.18	<0.5	6.58	<5	960	1.0	<2	1.39	<0.5	4	35	18	1.69	10	2.17
H742481		4.90	<0.5	1.33	13	60	<0.5	<2	1.71	<0.5	146	3270	174	10.75	<10	0.16
H742482		4.94	<0.5	1.30	<5	60	<0.5	<2	1.64	<0.5	149	3090	110	10.85	<10	0.20
H742483		4.99	<0.5	1.27	6	60	<0.5	<2	1.62	<0.5	143	2880	151	10.50	<10	0.19
H742483 CRD		0.02	<0.5	1.08	6	60	<0.5	<2	1.63	<0.5	146	3080	167	10.75	<10	0.19
H742484		4.68	<0.5	1.29	10	70	<0.5	<2	1.59	<0.5	144	3080	136	10.55	<10	0.20
H742485		4.71	<0.5	1.32	7	60	<0.5	<2	1.52	<0.5	148	3100	146	10.85	<10	0.28
H742486		4.68	<0.5	1.29	11	60	<0.5	<2	1.36	<0.5	139	3020	137	10.50	<10	0.26
H742487		4.59	<0.5	2.04	28	120	0.6	<2	2.13	<0.5	125	2790	107	10.05	<10	0.31
H742488		4.45	<0.5	2.45	36	80	0.7	<2	2.88	<0.5	113	2500	118	10.05	<10	0.36
H742489		4.56	<0.5	2.35	30	110	0.7	<2	2.91	<0.5	113	2540	128	10.30	<10	0.29
H742490		0.10	<0.5	6.78	5	60	<0.5	<2	4.95	<0.5	79	3530	663	6.55	10	0.16
H742491		4.61	<0.5	2.03	23	70	0.6	<2	2.30	<0.5	123	2860	123	9.97	<10	0.26
H742492		4.71	<0.5	1.77	7	80	0.5	<2	2.05	<0.5	133	3030	200	10.35	<10	0.23
H742493		4.73	<0.5	1.50	<5	70	<0.5	2	1.72	<0.5	141	3320	186	10.25	<10	0.21
H742494		4.56	<0.5	1.50	<5	70	<0.5	<2	1.77	<0.5	138	3460	116	9.84	<10	0.17
H742495		4.61	<0.5	1.28	<5	60	<0.5	<2	1.53	<0.5	118	3010	130	8.61	<10	0.17
H742496		4.31	<0.5	1.52	7	80	<0.5	<2	1.89	<0.5	132	3640	240	9.59	<10	0.14
H742497		4.32	<0.5	1.48	<5	70	<0.5	<2	1.75	<0.5	137	4240	191	10.10	<10	0.13
H742498		4.70	<0.5	1.44	<5	70	<0.5	2	1.67	<0.5	138	3950	210	10.05	<10	0.15
H742499		2.04	<0.5	1.56	8	80	<0.5	<2	1.79	<0.5	140	3520	267	10.25	<10	0.18
H742500		4.69	<0.5	1.55	14	80	<0.5	<2	1.97	<0.5	136	3230	183	10.25	<10	0.15
H742501		4.71	<0.5	1.56	<5	80	<0.5	<2	1.93	<0.5	134	3080	152	10.05	<10	0.15
H742502		4.64	<0.5	1.54	11	80	<0.5	7	1.91	<0.5	139	3120	212	10.35	<10	0.14
H742503		4.52	<0.5	1.58	<5	80	<0.5	<2	1.90	<0.5	135	2910	217	10.05	<10	0.16
H742503 CRD		0.02	<0.5	1.73	<5	90	<0.5	<2	2.01	<0.5	145	3130	213	10.40	10	0.18
H742504		4.28	<0.5	1.59	29	60	<0.5	<2	2.66	<0.5	134	2940	142	9.69	<10	0.14
H742505		4.99	<0.5	1.71	11	80	<0.5	<2	2.02	<0.5	138	3050	147	10.05	<10	0.20
H742506		4.66	<0.5	1.81	<5	90	<0.5	<2	2.03	<0.5	142	3080	418	10.40	<10	0.21
H742507		4.51	<0.5	1.83	<5	90	<0.5	<2	2.13	<0.5	144	3110	424	10.70	10	0.23
H742508		2.31	<0.5	1.90	<5	90	<0.5	<2	2.15	<0.5	146	2980	459	10.75	10	0.25
H742509		2.44	<0.5	2.00	<5	100	<0.5	<2	2.21	<0.5	143	2840	209	10.60	10	0.28
H742510		0.10	1.4	8.59	<5	70	<0.5	<2	6.81	<0.5	99	454	3390	6.23	10	0.39
H742511		2.51	0.5	2.03	<5	100	<0.5	<2	2.25	<0.5	151	2850	864	11.00	10	0.28

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742474		20	19.60	1520	<1	0.31	1410	370	<2	0.11	<5	10	188	<20	0.34	<10
H742475		20	19.65	1520	<1	0.30	1375	370	<2	0.11	<5	10	183	<20	0.32	<10
H742476		20	18.40	1615	1	0.24	1270	360	5	0.45	<5	8	220	<20	0.26	<10
H742477		20	18.95	1505	<1	0.31	1335	350	<2	0.16	<5	9	179	<20	0.33	<10
H742478		20	19.35	1530	<1	0.27	1395	350	<2	0.14	<5	9	167	<20	0.33	<10
H742479		20	19.20	1530	1	0.26	1365	330	<2	0.20	<5	9	203	<20	0.32	<10
H742480		10	0.25	614	1	2.78	4	190	9	<0.01	<5	5	182	<20	0.12	<10
H742481		20	19.40	1530	1	0.21	1390	330	<2	0.46	<5	9	182	<20	0.31	<10
H742482		20	19.60	1540	<1	0.20	1345	320	3	0.19	<5	10	165	<20	0.33	<10
H742483		10	19.10	1500	1	0.18	1310	310	<2	0.19	<5	10	160	<20	0.32	<10
H742483 CRD		20	19.35	1530	1	0.18	1330	320	<2	0.19	<5	6	162	<20	0.32	<10
H742484		20	19.20	1505	1	0.17	1330	330	<2	0.36	<5	9	156	<20	0.30	<10
H742485		20	19.80	1525	1	0.16	1395	360	<2	0.10	<5	9	150	<20	0.26	<10
H742486		20	18.45	1570	1	0.16	1300	360	<2	0.23	<5	8	161	<20	0.24	<10
H742487		20	16.75	1390	1	0.69	1145	540	2	0.92	<5	9	252	<20	0.36	<10
H742488		30	15.50	1355	1	0.92	1075	630	<2	1.02	<5	8	303	<20	0.34	<10
H742489		20	15.10	1435	1	1.10	1055	660	2	1.14	<5	10	329	<20	0.38	<10
H742490		10	10.05	1185	1	0.78	1455	150	9	0.33	<5	21	187	<20	0.11	<10
H742491		20	16.30	1440	1	0.73	1150	530	2	1.13	<5	10	256	<20	0.34	<10
H742492		20	17.85	1570	1	0.59	1315	480	3	0.41	<5	10	238	<20	0.35	<10
H742493		20	19.10	1450	1	0.29	1415	370	<2	0.07	<5	10	170	<20	0.35	<10
H742494		20	18.55	1390	1	0.28	1380	350	<2	0.06	<5	10	182	<20	0.38	<10
H742495		10	16.30	1230	1	0.24	1215	310	<2	0.10	<5	8	161	<20	0.30	<10
H742496		20	18.05	1370	1	0.20	1450	370	<2	0.31	<5	10	190	<20	0.35	<10
H742497		20	18.80	1420	1	0.22	1540	350	<2	0.16	<5	10	188	<20	0.36	<10
H742498		20	18.55	1410	1	0.25	1515	350	<2	0.12	<5	10	178	<20	0.35	<10
H742499		20	18.55	1445	1	0.32	1460	390	<2	0.12	<5	10	193	<20	0.37	<10
H742500		20	18.40	1475	1	0.25	1385	380	13	0.33	<5	10	201	<20	0.36	<10
H742501		20	17.90	1430	<1	0.29	1300	360	<2	0.10	<5	10	192	<20	0.37	<10
H742502		20	18.30	1470	1	0.28	1335	360	<2	0.41	<5	10	198	<20	0.36	<10
H742503		20	17.95	1415	<1	0.31	1305	390	<2	0.15	<5	10	197	<20	0.38	<10
H742503 CRD		10	19.65	1480	<1	0.35	1375	440	9	0.16	<5	10	214	<20	0.42	<10
H742504		10	18.35	1430	<1	0.19	1270	390	6	0.79	<5	10	222	<20	0.37	<10
H742505		10	19.10	1460	<1	0.38	1330	410	5	0.31	<5	10	232	<20	0.40	<10
H742506		10	19.20	1475	<1	0.46	1450	420	6	0.16	<5	11	225	<20	0.44	<10
H742507		10	19.45	1515	<1	0.46	1460	470	6	0.16	<5	11	230	<20	0.46	<10
H742508		10	19.20	1525	<1	0.49	1440	470	8	0.14	<5	11	234	<20	0.50	10
H742509		10	19.05	1515	<1	0.53	1270	490	5	0.08	<5	11	247	<20	0.50	<10
H742510		10	6.12	806	1	1.18	2970	100	7	1.62	<5	15	85	<20	0.12	10
H742511		20	19.15	1540	<1	0.53	1500	470	9	0.23	<5	11	249	<20	0.51	<10

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
H742474		<10	87	<10	100		0.009	0.103	0.085			
H742475		<10	83	<10	101		0.007	0.0934	0.070			
H742476		<10	66	<10	147		0.003	0.0412	0.033			
H742477		<10	82	<10	103		0.008	0.113	0.091			
H742478		<10	85	<10	102		0.007	0.0859	0.069			
H742479		<10	88	<10	103		0.004	0.0525	0.048			
H742480		10	16	<10	29		0.002	<0.0005	<0.001			
H742481		<10	87	<10	101		0.008	0.102	0.083			
H742482		<10	88	<10	101		0.005	0.0668	0.051			
H742483		<10	84	<10	98		0.006	0.0705	0.062			
H742483 CRD		<10	86	<10	100		0.007	0.0736	0.063			
H742484		<10	84	<10	98		0.006	0.0667	0.053			
H742485		<10	73	<10	101		0.006	0.0671	0.058			
H742486		<10	59	<10	107		0.006	0.0760	0.060			
H742487		<10	86	<10	102		0.005	0.0558	0.047			
H742488		<10	75	<10	93		0.006	0.0625	0.050			
H742489		<10	81	<10	98		0.007	0.0705	0.057			
H742490		<10	111	<10	287		0.100	>1.00	0.482	0.12	1.22	0.57
H742491		<10	82	<10	99		0.006	0.0812	0.063			
H742492		<10	83	<10	108		0.008	0.104	0.089			
H742493		<10	89	<10	97		0.008	0.111	0.093			
H742494		<10	92	<10	93		0.005	0.0731	0.056			
H742495		<10	77	<10	83		0.007	0.0998	0.078			
H742496		<10	92	<10	92		0.008	0.122	0.102			
H742497		<10	99	<10	99		0.008	0.0937	0.075			
H742498		<10	92	<10	96		0.008	0.110	0.087			
H742499		<10	93	<10	101		0.010	0.125	0.098			
H742500		<10	93	<10	112		0.007	0.104	0.083			
H742501		<10	92	<10	95		0.006	0.0772	0.061			
H742502		<10	95	<10	98		0.008	0.110	0.088			
H742503		<10	94	<10	95		0.009	0.106	0.092			
H742503 CRD		<10	101	<10	103		0.009	0.102	0.086			
H742504		<10	97	<10	111		0.006	0.0679	0.058			
H742505		<10	100	<10	103		0.006	0.0805	0.064			
H742506		<10	104	<10	103		0.013	0.177	0.158			
H742507		<10	109	<10	105		0.014	0.199	0.171			
H742508		<10	114	<10	108		0.015	0.195	0.169			
H742509		<10	112	<10	106		0.007	0.0876	0.071			
H742510		<10	77	<10	64		0.058	0.194	0.667			
H742511		<10	115	<10	109		0.024	0.357	0.318			

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Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742512		2.46	0.8	1.92	<5	90	<0.5	<2	2.23	<0.5	153	2820	1325	11.05	10	0.26
H742513		2.55	1.1	2.02	<5	100	<0.5	<2	2.35	<0.5	154	2690	1145	11.20	10	0.27
H742514		2.59	0.5	2.11	<5	100	<0.5	<2	2.48	<0.5	146	2640	643	11.00	10	0.24
H742515		2.55	0.5	2.12	<5	100	0.5	<2	2.51	<0.5	143	2620	530	10.90	10	0.25
H742516		2.49	<0.5	2.26	<5	110	0.5	<2	2.66	<0.5	149	2690	617	11.20	10	0.26
H742517		4.98	0.6	2.26	<5	110	0.5	<2	2.63	<0.5	139	2820	792	10.50	10	0.26
H742518		5.15	0.5	2.37	7	110	0.5	<2	2.76	<0.5	135	3430	650	10.35	10	0.25
H742519		5.01	<0.5	2.33	<5	110	0.5	<2	2.79	<0.5	133	3550	530	10.20	10	0.26
H742520		0.09	<0.5	6.40	5	910	1.0	<2	1.35	<0.5	3	22	15	1.56	10	2.14
H742521		4.72	0.7	2.51	54	110	0.5	<2	3.07	<0.5	128	3280	347	10.20	10	0.23
H742522		4.54	<0.5	2.66	<5	110	0.5	<2	3.01	<0.5	123	2920	268	10.05	10	0.29
H742523		4.78	<0.5	2.74	15	120	0.6	<2	3.36	<0.5	124	2990	248	10.20	10	0.29
H742523 CRD		<0.02	<0.5	2.76	11	130	0.6	<2	3.52	<0.5	126	2990	255	10.30	10	0.30
H742524		5.16	0.5	3.03	6	120	0.6	<2	3.36	<0.5	121	2740	365	10.00	10	0.33
H742525		4.49	<0.5	3.42	17	150	0.7	<2	3.65	<0.5	112	2400	214	9.89	10	0.37
H742526		4.73	<0.5	3.63	<5	160	0.8	<2	3.86	<0.5	110	2240	292	9.96	10	0.39
H742527		3.39	<0.5	4.06	28	210	0.8	<2	3.97	<0.5	100	1940	158	9.68	10	0.50
H742528		2.25	0.7	4.24	<5	110	0.8	<2	4.70	<0.5	100	1610	993	9.64	10	0.43
H742529		2.50	2.8	4.09	13	120	0.9	<2	4.10	<0.5	111	1490	4960	10.05	10	0.44
H742530		0.10	0.5	7.05	<5	60	<0.5	<2	4.98	<0.5	75	3510	683	6.36	10	0.16
H742531		1.21	5.5	6.27	29	320	1.3	4	2.92	<0.5	90	690	>10000	8.19	10	1.01
H742532		1.16	<0.5	8.01	17	890	3.1	<2	1.23	<0.5	20	114	165	4.48	20	2.06
H742533		4.52	<0.5	8.11	19	750	4.4	<2	1.11	<0.5	20	121	24	4.26	20	1.91
H742534		4.48	<0.5	7.80	18	620	3.4	<2	1.23	<0.5	25	244	8	5.10	20	1.49

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742512		10	18.80	1520	<1	0.53	1645	480	4	0.32	<5	11	238	<20	0.49	<10
H742513		10	19.15	1560	<1	0.58	1560	530	9	0.28	<5	12	247	<20	0.52	<10
H742514		10	18.90	1555	<1	0.63	1410	500	10	0.15	<5	12	268	<20	0.53	<10
H742515		20	18.60	1545	1	0.65	1345	520	6	0.12	<5	13	260	<20	0.57	<10
H742516		20	19.25	1585	<1	0.72	1425	550	4	0.15	<5	13	286	<20	0.58	10
H742517		20	18.05	1475	<1	0.73	1495	560	4	0.22	<5	13	276	<20	0.58	<10
H742518		20	17.70	1450	<1	0.72	1545	530	6	0.31	<5	13	285	<20	0.57	<10
H742519		20	17.30	1420	<1	0.72	1485	600	2	0.28	<5	13	272	<20	0.59	<10
H742520		10	0.21	578	<1	2.68	1	180	4	<0.01	<5	5	174	<20	0.12	<10
H742521		20	16.95	1435	<1	0.59	1320	510	9	1.20	<5	13	325	<20	0.57	<10
H742522		20	16.40	1435	<1	0.67	1205	590	5	0.35	<5	13	325	<20	0.63	<10
H742523		20	16.20	1450	<1	0.69	1180	630	6	0.42	<5	14	379	<20	0.67	<10
H742523 CRD		20	16.35	1470	<1	0.70	1190	640	8	0.42	<5	14	407	<20	0.69	<10
H742524		20	15.35	1410	<1	0.76	1170	630	7	0.26	<5	15	361	<20	0.72	<10
H742525		20	14.60	1425	<1	0.77	986	720	9	0.46	<5	16	384	<20	0.79	<10
H742526		20	14.05	1435	<1	0.84	954	770	5	0.43	<5	16	403	<20	0.85	<10
H742527		20	12.90	1450	<1	0.83	799	820	7	1.01	<5	17	407	<20	0.88	<10
H742528		20	11.55	1510	<1	0.73	847	930	10	0.70	<5	19	338	<20	1.00	10
H742529		20	11.15	1505	<1	0.78	1415	820	12	1.54	<5	19	268	<20	0.92	<10
H742530		10	10.50	1155	<1	0.82	1425	160	13	0.33	10	20	191	<20	0.12	10
H742531		30	5.85	1280	1	2.11	1400	830	21	3.07	<5	17	387	<20	0.67	<10
H742532		30	2.00	514	1	3.29	84	820	16	2.37	<5	12	386	<20	0.36	<10
H742533		30	1.79	444	<1	3.29	64	840	6	1.10	<5	13	338	<20	0.39	<10
H742534		20	3.00	567	1	3.16	116	1040	3	1.51	<5	14	225	<20	0.40	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	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
H742512		<10	114	<10	106		0.036	0.526	0.496			
H742513		<10	118	<10	109		0.036	0.507	0.471			
H742514		<10	120	<10	109		0.021	0.277	0.247			
H742515		<10	123	<10	108		0.018	0.220	0.200			
H742516		<10	128	<10	111		0.018	0.235	0.222			
H742517		<10	129	<10	105		0.023	0.318	0.284			
H742518		<10	137	<10	105		0.020	0.281	0.232			
H742519		<10	144	<10	104		0.017	0.258	0.203			
H742520		<10	16	<10	28		0.002	0.0009	<0.001			
H742521		<10	142	<10	108		0.011	0.146	0.116			
H742522		<10	146	<10	103		0.008	0.0976	0.079			
H742523		<10	156	<10	108		0.007	0.0823	0.068			
H742523 CRD		<10	157	<10	111		0.008	0.0920	0.070			
H742524		<10	159	<10	105		0.010	0.132	0.115			
H742525		<10	173	<10	107		0.006	0.0686	0.055			
H742526		<10	183	<10	106		0.008	0.0954	0.078			
H742527		<10	196	<10	110		0.005	0.0425	0.030			
H742528		<10	208	<10	110		0.037	0.386	0.312			
H742529		<10	194	<10	98		0.192	>1.00	>1.00	0.18	1.29	1.32
H742530		<10	117	<10	293		0.123	>1.00	0.581	NSS	NSS	NSS
H742531		<10	163	<10	92	1.440	0.491	>1.00	>1.00	0.52	5.31	3.96
H742532		<10	102	<10	30		0.011	0.0708	0.056			
H742533		<10	106	<10	39		0.003	0.0105	0.008			
H742534		<10	121	<10	56		0.003	0.0028	0.003			

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-149 BL

CERTIFICATE OF ANALYSIS TB09089633

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

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

Finalized Date: 15-SEP-2009
Account: MGMAM

CERTIFICATE TB09092078

Project: SD09-150 BL

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 15-SEP-2009
Account: MGMAM

Project: SD09-150 BL

CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742535		4.73	0.5	7.83	8	730	1.9	2	0.78	<0.5	22	132	60	4.63	20	2.52
H742536		4.25	0.5	7.47	<5	750	1.5	<2	0.60	<0.5	20	113	45	4.16	20	2.41
H742537		4.07	0.7	7.69	<5	870	1.6	2	0.59	<0.5	21	121	121	4.62	20	2.52
H742538		2.69	0.7	6.20	9	670	1.5	<2	0.61	<0.5	19	103	74	3.65	10	1.90
H742539		1.45	0.8	7.34	8	290	1.9	<2	2.07	<0.5	33	166	188	6.38	20	0.97
H742540		4.38	0.5	7.12	36	520	2.6	2	1.02	<0.5	32	150	230	5.95	20	1.38
H742541		3.94	0.5	6.20	27	430	2.7	<2	0.88	<0.5	23	115	136	4.37	10	1.14
H742542		4.22	0.5	6.44	30	350	2.9	<2	1.53	<0.5	27	98	117	5.23	20	1.14
H742543		4.28	<0.5	7.65	21	430	2.3	<2	2.21	<0.5	24	45	10	6.28	20	1.67
H742543 CRD		<0.02	0.5	7.48	20	410	2.3	4	2.24	<0.5	25	45	9	6.28	20	1.62
H742544		4.14	<0.5	7.48	20	380	2.9	<2	2.22	<0.5	27	40	1	6.41	20	1.63
H742545		4.14	0.6	7.73	31	530	2.5	3	2.36	<0.5	24	19	41	6.34	20	1.87
H742546		4.16	<0.5	7.28	13	340	2.4	<2	2.44	<0.5	26	51	2	7.12	20	1.54
H742547		4.43	<0.5	7.60	22	370	2.2	<2	2.19	<0.5	25	29	<1	6.96	20	1.54
H742548		4.21	<0.5	7.52	32	290	2.1	<2	2.30	<0.5	29	36	12	7.20	20	1.33
H742549		2.61	<0.5	7.29	8	160	1.8	<2	3.45	<0.5	35	11	70	8.75	20	0.87
H742550		0.10	0.9	8.26	<5	70	<0.5	<2	6.48	<0.5	99	443	3420	6.36	10	0.37
H742551		2.51	<0.5	7.40	11	280	1.5	<2	4.28	<0.5	47	31	81	9.97	20	0.74
H742552		1.96	0.8	4.33	32	160	1.0	2	5.47	<0.5	85	452	937	8.90	10	0.11
H742553		3.23	1.8	2.95	41	80	0.7	<2	5.64	<0.5	98	1035	1200	8.59	10	0.08
H742554		3.36	0.6	2.34	14	90	0.5	<2	4.40	<0.5	109	1510	353	9.16	<10	0.19
H742555		4.59	0.6	2.23	27	100	0.5	<2	4.11	<0.5	123	1800	988	10.00	<10	0.17
H742556		4.27	<0.5	2.13	10	90	0.5	<2	3.63	<0.5	121	2040	392	10.20	<10	0.21
H742557		4.60	<0.5	1.99	29	120	0.5	<2	3.26	<0.5	125	2270	295	10.50	<10	0.20
H742558		4.49	<0.5	1.87	10	120	<0.5	<2	2.85	<0.5	129	2350	300	10.45	<10	0.25
H742559		4.66	<0.5	1.78	8	90	<0.5	<2	2.69	<0.5	135	2510	307	10.80	<10	0.25
H742560		0.09	<0.5	6.46	<5	940	1.0	<2	1.40	<0.5	3	37	17	1.65	10	2.11
H742561		4.57	<0.5	1.73	14	70	<0.5	3	2.46	<0.5	134	2470	340	10.60	<10	0.27
H742562		4.55	<0.5	1.61	7	80	<0.5	<2	2.48	<0.5	135	2520	149	10.70	<10	0.26
H742563		4.48	<0.5	1.58	7	80	<0.5	<2	2.42	<0.5	137	2700	172	10.65	<10	0.26
H742563 CRD		<0.02	<0.5	1.57	9	80	<0.5	<2	2.40	<0.5	137	2720	167	10.50	<10	0.26
H742564		4.45	<0.5	1.62	8	60	<0.5	<2	2.35	<0.5	137	2690	200	10.60	<10	0.25
H742565		4.49	<0.5	1.73	19	100	<0.5	<2	2.22	<0.5	145	2880	141	11.10	<10	0.25
H742566		4.68	<0.5	1.50	<5	70	<0.5	<2	1.90	<0.5	135	2600	179	10.20	<10	0.25
H742567		4.44	<0.5	1.53	6	80	<0.5	2	1.93	<0.5	145	2860	142	10.95	<10	0.23
H742568		4.44	<0.5	1.43	6	60	<0.5	<2	1.80	<0.5	142	2820	175	10.75	<10	0.23
H742569		4.20	<0.5	1.45	15	70	<0.5	<2	1.80	<0.5	141	2870	154	10.60	<10	0.20
H742570		0.11	<0.5	6.72	7	60	<0.5	<2	4.95	<0.5	77	3430	668	6.43	10	0.16
H742571		4.46	<0.5	1.47	7	60	<0.5	<2	1.89	<0.5	139	2730	134	10.55	<10	0.20
H742572		4.39	<0.5	1.47	10	70	<0.5	<2	1.80	<0.5	145	3100	124	10.70	<10	0.23

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Finalized Date: 15-SEP-2009
Account: MGMAM

Project: SD09-150 BL

CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742535		20	2.03	877	<1	1.90	71	840	8	0.34	<5	12	256	<20	0.37	<10
H742536		20	1.81	793	1	2.25	62	830	5	0.14	<5	11	252	<20	0.35	<10
H742537		30	1.97	684	<1	2.19	69	790	3	0.27	<5	11	203	<20	0.35	<10
H742538		20	1.85	536	<1	1.84	80	840	3	0.25	<5	11	133	<20	0.36	<10
H742539		30	3.58	972	<1	2.86	73	970	5	0.74	<5	20	116	<20	0.78	10
H742540		20	3.64	850	<1	2.86	49	940	5	1.90	<5	17	146	<20	0.73	<10
H742541		30	2.75	652	<1	2.37	49	760	2	1.32	<5	14	112	<20	0.52	<10
H742542		30	2.85	777	<1	2.38	55	940	5	1.14	<5	16	98	<20	0.66	<10
H742543		40	3.00	990	<1	2.86	23	1090	5	0.49	<5	19	97	<20	0.90	<10
H742543 CRD		40	2.95	981	<1	2.81	23	1070	8	0.51	<5	19	96	<20	0.89	<10
H742544		30	3.08	1000	<1	2.97	22	1190	2	0.52	<5	18	92	<20	0.93	<10
H742545		30	2.61	886	<1	3.06	13	1190	4	0.76	<5	18	111	<20	1.04	<10
H742546		20	2.75	944	<1	3.31	16	1030	<2	0.32	<5	16	129	<20	1.10	<10
H742547		30	2.78	962	<1	3.37	10	1280	<2	0.47	<5	17	120	<20	1.09	<10
H742548		30	2.98	979	<1	3.43	17	1200	<2	1.08	<5	16	120	<20	1.12	<10
H742549		30	3.43	1190	<1	3.26	3	880	<2	0.15	<5	23	136	<20	1.45	<10
H742550		10	5.96	812	1	1.10	2970	90	2	1.61	<5	15	86	<20	0.11	<10
H742551		20	4.04	2310	<1	3.11	26	710	5	0.21	<5	27	302	<20	1.57	<10
H742552		20	8.09	2440	<1	1.24	499	640	17	1.05	<5	29	220	<20	0.92	<10
H742553		20	11.00	1865	<1	0.45	930	690	102	1.28	<5	27	118	<20	0.65	<10
H742554		20	13.10	1445	<1	0.29	724	490	3	0.55	<5	19	221	<20	0.58	<10
H742555		20	13.80	1410	<1	0.33	1075	490	<2	0.74	<5	18	266	<20	0.57	<10
H742556		20	15.45	1465	<1	0.32	1035	480	<2	0.31	<5	16	281	<20	0.55	<10
H742557		20	16.25	1495	<1	0.26	1075	470	2	0.53	<5	15	273	<20	0.53	<10
H742558		20	16.70	1490	<1	0.28	1130	450	<2	0.27	<5	14	240	<20	0.49	<10
H742559		20	17.75	1530	<1	0.29	1180	420	<2	0.20	<5	14	222	<20	0.48	<10
H742560		10	0.24	590	1	2.70	3	180	6	0.01	<5	5	183	<20	0.12	<10
H742561		20	17.65	1500	<1	0.32	1210	420	<2	0.20	<5	12	228	<20	0.46	<10
H742562		10	17.85	1520	<1	0.30	1170	390	<2	0.14	<5	13	205	<20	0.44	<10
H742563		20	18.10	1510	<1	0.24	1210	380	<2	0.17	<5	12	217	<20	0.43	<10
H742563 CRD		10	17.85	1490	<1	0.24	1195	370	<2	0.16	<5	12	215	<20	0.42	<10
H742564		20	18.20	1515	<1	0.28	1210	400	<2	0.17	<5	12	208	<20	0.43	<10
H742565		20	19.35	1580	<1	0.31	1295	420	<2	0.36	<5	11	217	<20	0.45	<10
H742566		10	18.10	1440	<1	0.33	1220	370	<2	0.11	<5	10	189	<20	0.39	<10
H742567		20	19.55	1545	<1	0.29	1310	380	<2	0.18	<5	11	188	<20	0.41	<10
H742568		10	19.30	1520	<1	0.26	1310	360	<2	0.10	<5	10	177	<20	0.39	<10
H742569		10	18.80	1490	<1	0.22	1275	360	<2	0.27	<5	10	196	<20	0.39	<10
H742570		10	10.05	1150	<1	0.79	1395	150	4	0.32	7	19	189	<20	0.11	<10
H742571		10	19.05	1490	<1	0.28	1315	370	<2	0.15	<5	10	200	<20	0.39	<10
H742572		20	19.55	1505	<1	0.26	1350	360	<2	0.16	<5	10	194	<20	0.39	<10

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

Finalized Date: 15-SEP-2009
Account: MGMAM

Project: SD09-150 BL

CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742535		<10	112	<10	57	<0.001	0.0012	0.001			
H742536		<10	107	<10	56	<0.001	0.0016	0.001			
H742537		<10	100	<10	69	<0.001	0.0023	0.002			
H742538		<10	93	<10	56	0.004	0.0739	0.060			
H742539		<10	189	<10	98	0.002	0.0278	0.024			
H742540		<10	176	<10	88	0.002	0.0128	0.009			
H742541		<10	122	<10	65	0.002	0.0119	0.007			
H742542		<10	150	<10	73	0.001	0.0118	0.005			
H742543		<10	204	<10	86	<0.001	0.0031	0.001			
H742543 CRD		<10	204	<10	85	<0.001	0.0029	0.001			
H742544		<10	211	<10	92	<0.001	0.0006	<0.001			
H742545		<10	219	<10	77	<0.001	<0.0005	<0.001			
H742546		<10	247	<10	90	<0.001	0.0005	<0.001			
H742547		<10	212	<10	80	<0.001	0.0007	<0.001			
H742548		<10	217	<10	82	<0.001	0.0014	0.001			
H742549		<10	328	<10	105	<0.001	0.0050	0.003			
H742550		10	75	<10	68	0.059	0.1980	0.720			
H742551		<10	463	<10	119	<0.001	0.0010	0.001			
H742552		<10	171	<10	85	0.021	0.1445	0.100			
H742553		<10	144	<10	121	0.032	0.279	0.240			
H742554		<10	128	<10	92	0.009	0.1300	0.120			
H742555		<10	133	<10	104	0.025	0.273	0.241			
H742556		<10	131	<10	106	0.007	0.1140	0.108			
H742557		<10	125	<10	108	0.006	0.0825	0.074			
H742558		<10	118	<10	105	0.006	0.0906	0.078			
H742559		<10	115	<10	107	0.007	0.1075	0.081			
H742560		<10	16	<10	29	<0.001	<0.0005	<0.001			
H742561		<10	112	<10	107	0.007	0.1050	0.091			
H742562		<10	107	<10	106	0.003	0.0494	0.040			
H742563		<10	104	<10	107	0.003	0.0600	0.053			
H742563 CRD		<10	104	<10	105	0.003	0.0602	0.052			
H742564		<10	105	<10	108	0.005	0.0700	0.064			
H742565		<10	106	<10	114	0.003	0.0567	0.049			
H742566		<10	93	<10	101	0.005	0.0886	0.076			
H742567		<10	97	<10	109	0.004	0.0783	0.068			
H742568		<10	93	<10	106	0.006	0.0842	0.081			
H742569		<10	93	<10	104	0.005	0.0689	0.060			
H742570		10	110	<10	291	0.125	>1.00	0.599	0.11	1.24	0.57
H742571		<10	92	<10	102	0.005	0.0656	0.053			
H742572		<10	95	<10	105	0.005	0.0595	0.051			

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

Finalized Date: 15-SEP-2009
Account: MGMAM

Project: SD09-150 BL

CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742573		4.19	<0.5	1.43	5	60	<0.5	<2	1.80	<0.5	145	3000	75	10.55	<10	0.22
H742574		4.13	<0.5	1.55	9	60	<0.5	2	1.95	<0.5	143	2920	104	10.70	<10	0.24
H742575		4.63	<0.5	1.46	8	80	<0.5	<2	1.79	<0.5	142	2820	125	10.70	<10	0.23
H742576		4.18	<0.5	1.47	10	100	<0.5	<2	1.81	<0.5	145	2810	177	10.95	<10	0.23
H742577		4.38	<0.5	1.51	<5	70	<0.5	<2	1.79	<0.5	148	3080	159	11.10	<10	0.25
H742578		4.32	<0.5	1.43	14	70	<0.5	<2	1.77	<0.5	144	3110	349	10.75	<10	0.22
H742579		2.32	<0.5	1.47	<5	70	<0.5	<2	1.76	<0.5	146	2890	155	10.75	<10	0.22
H742580		4.53	<0.5	1.48	<5	70	<0.5	4	1.75	<0.5	143	2720	117	10.55	<10	0.22
H742581		4.47	<0.5	1.59	10	100	<0.5	2	2.12	<0.5	138	2950	86	10.30	<10	0.24
H742582		3.76	<0.5	1.49	<5	70	<0.5	<2	2.01	<0.5	138	2880	124	10.15	<10	0.17
H742583		4.36	<0.5	1.64	<5	80	<0.5	<2	2.14	<0.5	143	3000	79	10.55	<10	0.21
H742583 CRD		<0.02	<0.5	1.60	<5	80	<0.5	<2	2.05	<0.5	139	2920	80	10.35	<10	0.20
H742584		4.96	<0.5	1.59	5	80	<0.5	<2	1.93	<0.5	146	3190	136	10.70	<10	0.22
H742585		4.58	<0.5	1.56	<5	80	<0.5	<2	1.82	<0.5	144	3080	177	10.60	<10	0.23
H742586		4.41	<0.5	1.53	7	70	<0.5	<2	1.81	<0.5	144	3200	256	10.50	<10	0.23
H742587		4.17	<0.5	1.57	6	80	<0.5	<2	1.83	<0.5	143	3300	155	10.50	<10	0.26
H742588		4.49	<0.5	1.44	7	70	<0.5	<2	1.73	<0.5	137	3170	266	9.77	<10	0.23
H742589		4.43	<0.5	1.52	<5	70	<0.5	<2	1.83	<0.5	145	3400	311	10.25	<10	0.23
H742590		0.11	0.8	8.15	<5	70	<0.5	<2	6.36	<0.5	96	448	3340	6.28	10	0.36
H742591		4.46	<0.5	1.43	5	70	<0.5	<2	1.74	<0.5	140	3240	323	9.99	<10	0.20
H742592		4.53	<0.5	1.58	6	80	<0.5	<2	1.85	<0.5	140	3470	239	10.30	<10	0.25
H742593		4.29	<0.5	1.44	6	80	<0.5	3	1.70	<0.5	143	4280	194	10.55	<10	0.21
H742594		4.56	<0.5	1.42	<5	70	<0.5	<2	1.67	<0.5	139	3790	189	10.30	<10	0.22
H742595		4.51	<0.5	1.39	5	60	<0.5	<2	1.68	<0.5	143	3630	144	10.60	<10	0.20
H742596		4.42	<0.5	1.46	<5	70	<0.5	<2	1.75	<0.5	140	3270	141	10.40	<10	0.22
H742597		4.41	<0.5	1.47	<5	70	<0.5	<2	1.71	<0.5	140	3170	216	10.20	<10	0.20
H742598		4.47	<0.5	1.53	7	70	<0.5	<2	1.78	<0.5	140	3010	189	10.20	<10	0.21
H742599		4.43	<0.5	1.52	5	70	<0.5	<2	1.82	<0.5	140	3020	104	10.30	<10	0.18
H742600		0.09	0.9	6.24	<5	920	1.0	<2	1.35	<0.5	3	35	16	1.61	10	2.08
H742601		4.37	<0.5	1.53	8	70	<0.5	<2	1.78	<0.5	139	3040	205	10.40	<10	0.17
H742602		4.61	<0.5	1.51	<5	70	<0.5	<2	1.77	<0.5	139	3030	320	10.40	<10	0.15
H742603		4.25	<0.5	1.43	<5	70	<0.5	<2	1.71	<0.5	134	2840	255	10.00	<10	0.14
H742603 CRD		<0.02	<0.5	1.49	6	70	<0.5	<2	1.79	<0.5	140	2880	238	10.40	<10	0.15
H742604		4.22	<0.5	1.57	5	70	<0.5	<2	1.80	<0.5	136	2740	197	10.10	<10	0.15
H742605		3.83	<0.5	1.70	5	80	<0.5	<2	2.01	<0.5	136	2770	161	10.15	<10	0.13
H742606		4.35	<0.5	1.58	<5	80	<0.5	<2	1.84	<0.5	135	2950	199	10.00	<10	0.14
H742607		4.42	<0.5	1.65	5	80	<0.5	3	1.99	<0.5	136	3050	167	10.15	<10	0.14
H742608		4.70	<0.5	1.73	<5	80	<0.5	<2	1.91	<0.5	134	2980	175	9.95	<10	0.16
H742609		4.38	<0.5	1.67	7	70	<0.5	<2	2.11	<0.5	134	3070	284	10.00	<10	0.14
H742610		0.11	<0.5	6.94	<5	60	<0.5	<2	5.09	<0.5	79	3640	687	6.66	10	0.16

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THUNDER BAY ON P7B 6V1

Finalized Date: 15-SEP-2009
Account: MGMAM

Project: SD09-150 BL

CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742573		20	19.45	1495	<1	0.26	1325	360	<2	0.14	<5	10	205	<20	0.39	<10
H742574		20	19.50	1520	<1	0.30	1305	400	<2	0.18	<5	10	210	<20	0.40	<10
H742575		20	19.30	1520	<1	0.33	1295	360	<2	0.21	<5	10	194	<20	0.39	<10
H742576		20	19.65	1550	<1	0.30	1370	370	<2	0.21	<5	10	190	<20	0.39	<10
H742577		20	19.90	1565	<1	0.36	1365	370	<2	0.13	<5	10	198	<20	0.40	<10
H742578		10	19.25	1560	<1	0.27	1405	350	<2	0.44	<5	10	197	<20	0.37	<10
H742579		10	19.35	1510	<1	0.35	1310	370	<2	0.14	<5	10	198	<20	0.38	<10
H742580		20	19.20	1495	<1	0.35	1270	360	<2	0.10	<5	10	181	<20	0.38	<10
H742581		20	18.60	1480	<1	0.27	1235	370	<2	0.46	<5	10	220	<20	0.37	<10
H742582		20	18.40	1450	<1	0.22	1265	380	<2	0.17	<5	9	169	<20	0.38	<10
H742583		20	19.35	1510	<1	0.35	1295	390	<2	0.14	<5	10	203	<20	0.41	<10
H742583 CRD		20	19.00	1480	<1	0.34	1265	400	<2	0.14	<5	10	198	<20	0.39	<10
H742584		20	19.70	1515	<1	0.35	1355	390	3	0.20	<5	10	210	<20	0.39	<10
H742585		20	19.50	1490	<1	0.38	1360	380	<2	0.17	<5	10	207	<20	0.39	<10
H742586		20	19.30	1480	<1	0.39	1400	380	<2	0.18	<5	10	197	<20	0.39	<10
H742587		20	19.45	1475	<1	0.34	1380	380	<2	0.18	<5	10	195	<20	0.40	<10
H742588		10	18.45	1365	<1	0.29	1370	350	<2	0.24	<5	10	177	<20	0.36	<10
H742589		20	19.80	1435	<1	0.38	1475	380	<2	0.13	<5	10	183	<20	0.39	<10
H742590		10	5.96	803	1	1.07	2920	80	5	1.58	<5	15	85	<20	0.11	<10
H742591		20	19.30	1400	<1	0.33	1455	340	<2	0.26	<5	10	170	<20	0.34	<10
H742592		20	19.70	1450	<1	0.39	1500	380	<2	0.19	<5	10	187	<20	0.38	<10
H742593		20	19.90	1470	<1	0.27	1605	340	<2	0.31	<5	10	170	<20	0.35	<10
H742594		10	19.35	1440	<1	0.31	1515	340	<2	0.14	<5	10	167	<20	0.34	<10
H742595		10	19.60	1480	<1	0.29	1455	330	<2	0.12	<5	10	167	<20	0.34	<10
H742596		10	19.05	1455	<1	0.32	1410	360	<2	0.16	<5	10	182	<20	0.35	<10
H742597		10	18.75	1425	<1	0.35	1365	340	<2	0.07	<5	10	182	<20	0.37	<10
H742598		20	18.90	1425	<1	0.38	1330	370	<2	0.17	<5	10	191	<20	0.37	<10
H742599		10	19.10	1445	<1	0.32	1345	350	2	0.18	<5	10	199	<20	0.37	<10
H742600		10	0.24	581	<1	2.66	2	180	5	<0.01	<5	5	179	<20	0.12	<10
H742601		20	19.00	1460	<1	0.29	1400	380	3	0.18	<5	10	189	<20	0.39	<10
H742602		10	18.65	1445	<1	0.27	1405	350	<2	0.25	<5	10	189	<20	0.37	<10
H742603		10	17.80	1395	<1	0.23	1290	370	<2	0.12	<5	9	188	<20	0.37	<10
H742603 CRD		20	18.65	1460	<1	0.23	1345	380	<2	0.12	<5	10	196	<20	0.39	<10
H742604		10	18.15	1415	<1	0.31	1265	360	<2	0.08	<5	10	203	<20	0.39	<10
H742605		20	18.30	1445	<1	0.30	1265	410	<2	0.22	<5	10	215	<20	0.41	<10
H742606		10	18.10	1400	<1	0.32	1305	410	<2	0.15	<5	10	204	<20	0.40	<10
H742607		20	18.40	1420	<1	0.32	1335	410	<2	0.27	<5	10	229	<20	0.41	<10
H742608		20	18.10	1390	<1	0.41	1325	410	<2	0.12	<5	10	218	<20	0.41	<10
H742609		20	18.05	1390	<1	0.33	1385	410	<2	0.27	<5	10	226	<20	0.42	<10
H742610		10	10.40	1195	<1	0.82	1450	150	4	0.34	10	20	198	<20	0.12	<10

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

Finalized Date: 15-SEP-2009
Account: MGMAM

Project: SD09-150 BL

CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742573		<10	93	<10	106	0.003	0.0386	0.031			
H742574		<10	95	<10	109	0.004	0.0526	0.047			
H742575		<10	91	<10	106	0.004	0.0516	0.045			
H742576		<10	91	<10	107	0.005	0.0738	0.069			
H742577		<10	93	<10	108	0.004	0.0605	0.050			
H742578		<10	90	<10	105	0.013	0.1710	0.153			
H742579		<10	90	<10	105	0.005	0.0684	0.056			
H742580		<10	88	<10	102	0.004	0.0521	0.045			
H742581		<10	88	<10	105	0.003	0.0350	0.028			
H742582		<10	87	<10	101	0.004	0.0581	0.050			
H742583		<10	90	<10	106	0.003	0.0430	0.033			
H742583 CRD		<10	87	<10	102	0.003	0.0421	0.035			
H742584		<10	92	<10	109	0.005	0.0552	0.048			
H742585		<10	92	<10	103	0.006	0.0726	0.066			
H742586		<10	94	<10	103	0.008	0.1035	0.094			
H742587		<10	96	<10	102	0.005	0.0802	0.073			
H742588		<10	89	<10	94	0.009	0.1385	0.124			
H742589		<10	94	<10	100	0.010	0.1535	0.140			
H742590		<10	74	<10	67	0.060	0.1910	0.705			
H742591		<10	90	<10	98	0.010	0.1515	0.131			
H742592		<10	95	<10	102	0.008	0.1245	0.110			
H742593		10	99	<10	106	0.007	0.0867	0.069			
H742594		<10	92	<10	103	0.007	0.1040	0.085			
H742595		<10	93	<10	105	0.005	0.0629	0.047			
H742596		<10	91	<10	102	0.005	0.0724	0.062			
H742597		<10	91	<10	100	0.008	0.1055	0.092			
H742598		<10	92	<10	99	0.008	0.0895	0.078			
H742599		<10	93	<10	102	0.004	0.0502	0.042			
H742600		10	16	<10	28	<0.001	0.0006	<0.001			
H742601		<10	93	<10	104	0.006	0.0801	0.069			
H742602		<10	93	<10	103	0.012	0.1495	0.124			
H742603		<10	89	<10	97	0.009	0.1110	0.092			
H742603 CRD		<10	93	<10	102	0.008	0.1095	0.089			
H742604		<10	91	<10	97	0.007	0.0984	0.079			
H742605		<10	92	<10	106	0.005	0.0660	0.054			
H742606		<10	93	<10	98	0.007	0.0789	0.069			
H742607		<10	95	<10	100	0.006	0.0791	0.067			
H742608		<10	95	<10	98	0.005	0.0712	0.059			
H742609		<10	95	<10	98	0.009	0.1170	0.100			
H742610		10	115	<10	301	0.122	>1.00	0.599	0.11	1.26	0.58

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

Finalized Date: 15-SEP-2009
Account: MGMAM

Project: SD09-150 BL

CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742611		4.18	<0.5	1.78	13	80	<0.5	<2	2.31	<0.5	137	3100	246	10.25	<10	0.16
H742612		4.37	<0.5	1.81	16	90	<0.5	2	2.28	<0.5	134	3220	228	10.00	<10	0.16
H742613		4.33	<0.5	1.79	8	80	<0.5	<2	2.19	<0.5	134	3250	425	9.98	<10	0.15
H742614		4.14	0.5	1.81	6	80	<0.5	<2	2.11	<0.5	133	3430	447	9.81	<10	0.14

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CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742611		20	18.55	1435	<1	0.35	1410	420	<2	0.61	<5	11	267	<20	0.41	<10
H742612		20	18.10	1405	<1	0.33	1390	410	<2	0.46	<5	11	256	<20	0.44	<10
H742613		20	17.95	1370	<1	0.36	1475	420	<2	0.46	<5	10	238	<20	0.42	<10
H742614		20	17.60	1345	<1	0.42	1470	390	<2	0.19	<5	10	227	<20	0.41	<10

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CERTIFICATE OF ANALYSIS TB09092078

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742611		<10	101	<10	102	0.008	0.1010	0.083			
H742612		<10	99	<10	101	0.009	0.1010	0.085			
H742613		<10	101	<10	99	0.014	0.1850	0.159			
H742614		<10	101	<10	97	0.014	0.1955	0.168			

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

Finalized Date: 10-SEP-2009
Account: MGMAM

CERTIFICATE TB09092077

Project: SD09-176 BL

P.O. No.:

This report is for 25 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-AUG-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-176 BL

CERTIFICATE OF ANALYSIS TB09092077

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168234		1.67	<0.5	7.11	14	300	1.9	<2	2.30	<0.5	32	171	212	6.66	20	0.96
G168235		1.89	<0.5	1.50	<5	80	<0.5	<2	1.79	0.5	152	3230	168	10.80	<10	0.21
G168236		1.77	<0.5	2.21	<5	100	0.5	<2	2.54	<0.5	140	3530	154	10.65	<10	0.21
H742615		4.53	<0.5	1.86	13	80	<0.5	<2	2.37	0.6	142	3980	663	10.15	<10	0.13
H742616		4.41	<0.5	2.04	<5	90	<0.5	<2	2.30	<0.5	143	3530	363	10.50	<10	0.17
H742617		3.37	<0.5	2.08	<5	90	0.5	<2	2.42	0.5	144	3600	194	10.75	<10	0.18
H742618		3.34	<0.5	2.05	<5	100	0.5	<2	2.38	<0.5	144	3400	227	10.55	<10	0.23
H742619		2.18	<0.5	2.19	<5	100	0.5	<2	2.50	0.5	140	3540	134	10.50	<10	0.21
H742620		4.53	<0.5	2.06	<5	90	<0.5	<2	2.46	<0.5	135	3250	276	10.20	<10	0.18
H742621		4.25	<0.5	2.25	<5	100	0.5	<2	2.59	<0.5	134	3080	206	10.15	<10	0.20
H742622		4.23	<0.5	2.44	20	110	0.6	<2	2.70	<0.5	133	2850	375	10.10	10	0.23
H742623		4.23	<0.5	2.62	5	110	0.5	<2	3.04	<0.5	128	2930	181	10.35	<10	0.26
H742623 CRD		0.02	<0.5	2.61	6	110	0.6	<2	2.98	0.6	128	2710	182	10.25	10	0.26
H742624		4.25	<0.5	2.81	<5	130	0.6	<2	3.08	<0.5	125	2660	180	10.00	10	0.30
H742625		2.15	<0.5	2.83	13	110	0.6	<2	3.38	<0.5	120	2600	229	9.99	10	0.35
H742626		2.36	<0.5	2.67	51	120	0.7	<2	3.95	<0.5	106	2300	224	9.02	10	0.30
H742627		2.18	1.1	3.08	14	120	0.6	<2	3.32	0.5	136	2420	2540	10.65	10	0.32
H742628		2.05	<0.5	3.57	<5	140	0.7	<2	3.78	0.6	110	2400	675	9.97	10	0.39
H742629		2.14	<0.5	4.03	8	200	0.9	<2	4.16	<0.5	101	2020	186	9.71	10	0.49
H742630		0.11	0.6	9.03	9	80	<0.5	2	7.04	0.5	105	453	3660	6.66	10	0.39
H742631		2.08	<0.5	4.24	16	140	0.9	<2	4.22	0.6	100	1965	355	9.81	10	0.47
H742632		1.97	<0.5	4.98	13	130	1.2	<2	3.64	<0.5	85	1420	370	9.35	10	0.53
H742633		1.91	<0.5	6.85	5	480	2.9	2	0.36	<0.5	4	21	65	0.67	30	3.13
H742634		4.11	<0.5	7.37	<5	320	3.6	2	0.38	<0.5	5	31	4	1.04	30	3.39
H742635		4.03	<0.5	7.59	5	510	3.3	<2	0.61	<0.5	6	42	8	1.74	20	4.45

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

Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-176 BL

CERTIFICATE OF ANALYSIS TB09092077

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168234		40	3.57	1005	<1	3.00	78	1050	2	0.74	<5	21	115	<20	0.85	<10
G168235		20	19.95	1530	<1	0.34	1320	380	<2	0.16	<5	10	183	<20	0.38	<10
G168236		20	18.55	1470	<1	0.54	1350	430	<2	0.28	<5	12	256	<20	0.52	<10
H742615		20	18.35	1385	<1	0.42	1630	400	3	0.66	<5	11	272	<20	0.41	10
H742616		20	18.70	1450	<1	0.54	1460	440	4	0.17	<5	12	246	<20	0.49	<10
H742617		20	19.00	1490	<1	0.64	1420	480	3	0.11	<5	12	238	<20	0.53	<10
H742618		20	18.50	1460	<1	0.58	1350	530	<2	0.21	<5	12	241	<20	0.52	<10
H742619		20	18.25	1455	<1	0.53	1340	430	<2	0.27	<5	12	254	<20	0.52	<10
H742620		20	17.40	1410	<1	0.59	1340	460	2	0.18	<5	12	245	<20	0.52	10
H742621		20	17.05	1400	<1	0.56	1270	500	<2	0.16	<5	13	265	<20	0.55	<10
H742622		20	16.55	1400	<1	0.51	1250	520	3	0.40	<5	13	269	<20	0.56	<10
H742623		20	16.60	1450	<1	0.56	1200	580	4	0.36	<5	14	318	<20	0.63	10
H742623 CRD		20	16.55	1440	<1	0.57	1180	580	<2	0.36	<5	14	318	<20	0.63	<10
H742624		20	15.75	1405	<1	0.62	1120	580	<2	0.28	<5	14	331	<20	0.65	<10
H742625		20	15.15	1390	<1	0.57	1100	570	3	1.14	<5	14	321	<20	0.62	<10
H742626		20	13.45	1310	<1	0.54	925	530	3	1.60	<5	13	302	<20	0.58	<10
H742627		20	13.70	1375	<1	0.70	1860	670	8	0.98	<5	16	345	<20	0.73	10
H742628		20	13.35	1375	<1	0.80	1050	790	<2	0.29	<5	17	384	<20	0.85	<10
H742629		30	12.35	1375	<1	0.92	848	820	3	0.64	<5	18	450	<20	0.93	10
H742630		10	6.31	833	1	1.16	3090	90	7	1.66	<5	16	87	<20	0.12	10
H742631		30	12.40	1470	<1	0.86	857	870	<2	0.97	<5	18	346	<20	0.91	<10
H742632		20	10.25	1390	<1	1.24	681	840	5	1.99	<5	19	186	<20	0.80	<10
H742633		<10	0.22	78	<1	3.22	35	790	8	0.21	<5	2	144	<20	0.02	<10
H742634		10	0.39	127	<1	2.86	16	700	6	0.30	<5	4	124	<20	0.08	<10
H742635		10	0.65	231	<1	2.23	19	1190	11	0.38	<5	4	203	<20	0.10	<10

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Finalized Date: 10-SEP-2009
Account: MGMAM

Project: SD09-176 BL

CERTIFICATE OF ANALYSIS TB09092077

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168234		10	199	<10	95	0.003	0.0313	0.029			
G168235		<10	94	<10	103	0.004	0.0753	0.063			
G168236		<10	127	<10	104	0.001	0.0349	0.028			
H742615		<10	111	<10	104	0.016	0.262	0.221			
H742616		<10	118	<10	102	0.009	0.1330	0.114			
H742617		<10	124	10	104	0.005	0.0780	0.066			
H742618		<10	126	<10	102	0.005	0.0783	0.065			
H742619		<10	127	<10	102	0.002	0.0446	0.032			
H742620		<10	125	<10	99	0.006	0.1015	0.085			
H742621		<10	132	<10	100	0.004	0.0699	0.059			
H742622		<10	134	<10	99	0.007	0.1015	0.088			
H742623		<10	148	<10	103	0.004	0.0625	0.048			
H742623 CRD		<10	144	<10	102	0.003	0.0547	0.047			
H742624		<10	149	<10	101	0.003	0.0483	0.039			
H742625		<10	155	<10	104	0.006	0.0719	0.062			
H742626		<10	143	<10	98	0.003	0.0631	0.057			
H742627		<10	167	<10	103	0.070	>1.00	0.922	0.07	1.04	0.94
H742628		<10	186	<10	99	0.020	0.279	0.248			
H742629		<10	201	<10	100	0.003	0.0476	0.037			
H742630		10	81	<10	65	0.058	0.1990	0.705			
H742631		<10	208	<10	126	0.006	0.0941	0.082			
H742632		<10	205	<10	159	0.013	0.1010	0.094			
H742633		40	3	<10	6	0.001	0.0180	0.022			
H742634		30	22	<10	11	<0.001	0.0012	0.001			
H742635		20	31	<10	15	0.001	0.0010	0.001			

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ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 14-SEP-2009
Account: MGMAM

CERTIFICATE TB09094056

Project: SD09-177 BL

P.O. No.:

This report is for 102 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 2-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
G168237		2.43	<0.5	1.88	9	80	<0.5	<2	3.12	<0.5	125	2170	310	9.75	10	0.24
G168238		2.02	<0.5	1.62	<5	80	<0.5	<2	1.75	<0.5	138	3170	164	9.87	10	0.16
H742636		4.56	<0.5	7.50	<5	370	1.3	<2	0.56	<0.5	19	129	61	4.03	20	1.68
H742637		4.07	<0.5	6.93	6	440	1.3	<2	0.50	<0.5	17	119	77	3.59	20	1.71
H742638		2.49	<0.5	4.58	12	290	1.3	<2	0.84	<0.5	24	142	488	4.10	10	0.87
H742639		3.32	<0.5	7.13	16	480	1.8	<2	1.92	<0.5	29	153	76	6.33	20	1.15
H742640		0.09	<0.5	6.40	<5	930	1.0	<2	1.39	<0.5	3	22	16	1.59	10	2.10
H742641		3.33	<0.5	7.11	20	540	2.6	<2	1.19	<0.5	29	153	42	6.02	20	1.14
H742642		4.20	<0.5	4.74	9	340	2.9	<2	0.98	<0.5	15	101	124	3.58	10	0.99
H742643		4.15	<0.5	5.35	9	440	2.9	<2	0.97	<0.5	16	71	11	3.80	10	1.23
H742643 CRD		0.02	<0.5	5.46	8	430	3.0	<2	1.05	<0.5	18	81	14	4.11	20	1.20
H742644		4.26	<0.5	6.15	<5	640	2.2	<2	1.12	<0.5	16	36	3	4.18	10	1.98
H742645		4.59	<0.5	7.17	5	540	3.4	<2	2.10	<0.5	24	40	3	6.06	20	1.71
H742646		4.51	<0.5	7.04	<5	540	2.4	<2	2.43	<0.5	25	16	<1	6.51	20	1.72
H742647		4.07	<0.5	7.08	<5	390	2.6	<2	1.89	<0.5	21	15	<1	6.17	20	1.47
H742648		4.19	<0.5	6.81	14	330	2.0	<2	2.22	<0.5	26	80	4	6.33	20	1.20
H742649		4.43	<0.5	7.43	<5	350	2.0	<2	2.34	<0.5	27	24	<1	7.12	20	1.19
H742650		0.11	0.5	7.07	<5	60	<0.5	<2	5.05	<0.5	81	3570	701	6.64	10	0.16
H742651		4.33	<0.5	7.35	13	290	1.6	<2	2.32	<0.5	30	23	1	7.68	20	1.12
H742652		2.13	<0.5	7.06	20	210	1.8	<2	3.35	<0.5	40	8	71	9.33	20	0.72
H742653		2.73	<0.5	6.77	36	250	1.8	<2	4.37	<0.5	56	17	137	9.98	20	0.45
H742654		2.65	0.6	3.64	49	40	1.0	<2	6.66	<0.5	90	482	983	8.57	10	0.07
H742655		4.45	0.6	2.51	32	50	0.6	<2	6.31	0.7	100	1340	458	8.98	10	0.13
H742656		4.62	<0.5	2.47	8	70	0.5	<2	4.75	<0.5	112	1560	267	9.59	10	0.16
H742657		4.48	<0.5	2.23	10	80	0.5	<2	4.37	<0.5	122	1880	451	10.05	10	0.17
H742658		4.48	<0.5	1.97	6	230	<0.5	<2	3.35	<0.5	123	2110	278	9.90	10	0.19
H742659		2.21	<0.5	1.92	7	100	<0.5	<2	3.27	<0.5	126	2140	315	10.00	10	0.24
H742660		4.90	<0.5	1.76	6	100	<0.5	<2	2.82	<0.5	136	2580	507	10.30	10	0.25
H742661		4.71	<0.5	1.82	9	80	<0.5	<2	2.83	<0.5	134	2490	330	10.25	10	0.29
H742662		4.89	<0.5	1.65	7	80	<0.5	<2	2.59	<0.5	135	2490	309	10.10	10	0.21
H742663		4.77	<0.5	1.62	5	60	<0.5	<2	2.30	<0.5	143	2820	272	10.45	10	0.27
H742663 CRD		0.02	<0.5	1.61	10	60	<0.5	<2	2.31	<0.5	139	2720	252	10.35	10	0.27
H742664		4.77	0.5	1.64	10	90	<0.5	<2	2.28	<0.5	142	2850	271	10.45	10	0.26
H742665		4.81	<0.5	1.56	<5	100	<0.5	<2	2.07	<0.5	141	2790	167	10.35	10	0.26
H742666		4.43	<0.5	1.55	8	70	<0.5	<2	2.01	<0.5	143	2690	249	10.20	10	0.23
H742667		4.86	<0.5	1.54	6	70	<0.5	<2	1.95	<0.5	143	2830	143	10.35	10	0.24
H742668		4.90	<0.5	1.60	10	230	<0.5	<2	2.00	<0.5	143	2940	198	10.30	10	0.30
H742669		5.02	<0.5	1.53	8	60	<0.5	<2	1.95	<0.5	145	3000	201	10.45	10	0.28
H742670		0.11	1.2	8.55	<5	70	<0.5	<2	6.85	<0.5	101	434	3500	6.43	10	0.38
H742671		4.93	<0.5	1.46	<5	80	<0.5	<2	1.81	<0.5	147	3120	204	10.35	10	0.22

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168237		10	15.50	1385	<1	0.23	1050	440	5	0.19	<5	14	253	<20	0.49	<10
G168238		10	18.10	1375	<1	0.37	1370	330	5	0.13	<5	9	215	<20	0.34	<10
H742636		10	1.91	572	1	2.85	53	570	<2	0.18	<5	10	289	<20	0.28	<10
H742637		10	1.80	508	<1	2.81	47	540	<2	0.25	<5	9	219	<20	0.25	<10
H742638		20	2.14	562	1	1.61	139	700	2	0.99	5	10	88	<20	0.42	<10
H742639		20	3.28	914	1	3.00	51	1050	3	0.86	<5	20	151	<20	0.84	<10
H742640		10	0.21	573	<1	2.62	4	190	8	0.01	<5	5	179	<20	0.12	<10
H742641		30	3.71	920	<1	2.66	46	970	2	0.56	<5	20	149	<20	0.77	<10
H742642		20	1.91	504	2	1.86	41	760	<2	0.30	<5	10	75	<20	0.39	<10
H742643		20	1.84	497	1	2.18	33	850	3	0.21	<5	12	94	<20	0.52	<10
H742643 CRD		20	1.96	536	1	2.21	37	860	2	0.22	<5	12	94	<20	0.55	<10
H742644		20	1.75	537	1	2.55	23	1040	2	0.04	<5	11	106	<20	0.69	<10
H742645		30	2.68	904	1	2.80	28	1130	<2	0.11	<5	18	119	<20	0.91	<10
H742646		50	2.95	1125	<1	2.68	9	1210	2	0.09	<5	18	106	<20	1.01	<10
H742647		30	2.41	855	1	3.17	11	1480	4	0.04	<5	14	112	<20	0.90	<10
H742648		30	2.63	954	<1	2.91	42	1200	2	0.41	<5	16	95	<20	0.91	<10
H742649		30	2.81	1050	<1	3.27	15	1160	3	0.11	<5	16	113	<20	1.10	<10
H742650		<10	10.50	1150	1	0.77	1460	160	8	0.34	12	21	194	<20	0.12	<10
H742651		20	3.28	1095	<1	3.06	12	1240	5	0.31	<5	16	95	<20	1.14	<10
H742652		30	3.70	1090	<1	2.97	6	910	5	1.06	<5	23	117	<20	1.42	<10
H742653		10	4.67	1845	<1	2.52	22	620	27	1.34	<5	27	411	<20	1.48	<10
H742654		20	8.68	2260	<1	0.82	552	800	9	1.34	<5	35	203	<20	0.80	<10
H742655		10	12.55	1690	1	0.27	730	500	161	0.27	<5	27	163	<20	0.63	<10
H742656		10	13.95	1485	<1	0.24	799	520	6	0.34	<5	21	190	<20	0.63	<10
H742657		10	14.75	1495	<1	0.26	992	490	2	0.56	<5	19	257	<20	0.59	<10
H742658		10	15.50	1450	<1	0.23	1010	450	6	0.27	<5	15	248	<20	0.52	<10
H742659		10	15.90	1430	<1	0.24	1080	440	5	0.21	<5	14	255	<20	0.50	<10
H742660		10	16.70	1445	<1	0.25	1230	410	6	0.32	<5	13	330	<20	0.46	<10
H742661		10	16.75	1450	<1	0.26	1150	440	3	0.28	<5	13	261	<20	0.47	<10
H742662		10	17.10	1470	<1	0.23	1150	400	4	0.15	<5	12	254	<20	0.44	<10
H742663		10	17.75	1470	<1	0.22	1240	390	5	0.11	<5	11	234	<20	0.43	<10
H742663 CRD		10	17.65	1465	<1	0.21	1240	400	6	0.10	<5	11	234	<20	0.43	<10
H742664		10	18.00	1470	<1	0.22	1280	410	4	0.18	<5	11	211	<20	0.43	<10
H742665		10	18.15	1455	<1	0.22	1250	390	4	0.09	<5	10	201	<20	0.41	<10
H742666		10	18.10	1445	<1	0.18	1270	400	3	0.13	<5	10	199	<20	0.40	<10
H742667		10	18.50	1460	<1	0.23	1270	390	3	0.12	<5	10	196	<20	0.40	<10
H742668		10	18.40	1455	<1	0.27	1290	420	6	0.12	<5	10	207	<20	0.42	<10
H742669		10	18.50	1460	<1	0.23	1340	390	3	0.12	<5	10	214	<20	0.41	<10
H742670		<10	6.03	797	1	1.07	3080	90	5	1.61	5	15	84	<20	0.11	<10
H742671		10	18.80	1455	<1	0.23	1360	380	3	0.13	<5	10	184	<20	0.39	<10

***** See Appendix Page for comments regarding this certificate *****

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168237		<10	115	<10	99	0.009	0.1155	0.103			
G168238		<10	90	<10	95	0.010	0.0824	0.069			
H742636		10	82	<10	57	0.002	0.0013	0.001			
H742637		10	77	<10	55	0.003	0.0019	0.002			
H742638		<10	99	<10	51	0.018	0.1790	0.165			
H742639		<10	194	<10	82	0.003	0.0086	0.007			
H742640		10	16	<10	28	0.002	0.0005	<0.001			
H742641		<10	180	10	95	0.003	0.0077	0.005			
H742642		<10	93	<10	50	0.003	0.0091	0.006			
H742643		<10	112	<10	51	0.003	0.0066	0.003			
H742643 CRD		<10	118	<10	55	0.003	0.0074	0.003			
H742644		<10	112	<10	54	0.002	0.0051	0.003			
H742645		<10	194	<10	81	0.002	0.0019	0.001			
H742646		<10	211	<10	87	0.002	0.0013	<0.001			
H742647		<10	185	<10	84	0.002	0.0006	<0.001			
H742648		<10	170	<10	76	0.003	0.0370	0.025			
H742649		<10	220	<10	79	0.001	0.0021	0.001			
H742650		<10	113	<10	295	0.106	>1.00	0.566	NSS	NSS	NSS
H742651		<10	224	<10	89	0.002	0.0011	0.001			
H742652		<10	351	<10	105	0.002	0.0006	<0.001			
H742653		<10	483	<10	113	0.002	0.0017	0.001			
H742654		<10	173	<10	64	0.021	0.1710	0.139			
H742655		<10	136	<10	374	0.010	0.1100	0.093			
H742656		<10	139	<10	99	0.006	0.0611	0.052			
H742657		<10	137	<10	101	0.012	0.163	0.151			
H742658		<10	123	<10	99	0.007	0.0869	0.078			
H742659		<10	118	<10	100	0.008	0.1075	0.096			
H742660		<10	114	<10	104	0.013	0.1945	0.173			
H742661		<10	113	<10	102	0.008	0.1055	0.096			
H742662		<10	105	<10	100	0.008	0.0843	0.070			
H742663		<10	104	<10	104	0.007	0.0734	0.063			
H742663 CRD		<10	103	<10	103	0.007	0.0682	0.058			
H742664		<10	103	<10	106	0.007	0.0864	0.073			
H742665		<10	98	<10	101	0.005	0.0568	0.047			
H742666		<10	95	<10	101	0.008	0.0893	0.077			
H742667		<10	96	<10	103	0.005	0.0592	0.050			
H742668		<10	97	<10	103	0.005	0.0742	0.065			
H742669		<10	98	<10	102	0.007	0.0860	0.072			
H742670		<10	76	<10	64	0.050	0.1825	0.658			
H742671		<10	96	<10	101	0.007	0.0772	0.066			

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Method	WEI-21	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
Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
Sample Description LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742672	4.80	<0.5	1.49	<5	60	<0.5	<2	1.85	<0.5	155	3190	183	10.70	10	0.23
H742673	4.84	<0.5	1.43	<5	70	<0.5	<2	1.79	<0.5	149	3160	141	10.25	10	0.22
H742674	4.98	<0.5	1.45	6	80	<0.5	<2	1.81	<0.5	148	3030	351	10.40	10	0.23
H742675	4.08	<0.5	1.42	<5	50	<0.5	<2	1.94	<0.5	144	2890	370	10.25	10	0.16
H742676	5.25	<0.5	1.47	<5	60	<0.5	<2	1.79	<0.5	146	2910	263	10.55	<10	0.22
H742677	5.04	<0.5	1.49	8	70	<0.5	<2	1.77	<0.5	145	2970	190	10.40	10	0.26
H742678	5.00	<0.5	1.45	8	80	<0.5	<2	1.79	<0.5	148	3180	176	10.55	10	0.22
H742679	4.88	<0.5	1.50	6	70	<0.5	<2	1.76	<0.5	145	2900	132	10.25	10	0.26
H742680	0.09	<0.5	6.57	<5	940	1.0	<2	1.42	<0.5	3	28	15	1.61	10	2.10
H742681	4.88	<0.5	1.57	6	70	<0.5	<2	1.77	<0.5	148	2940	187	10.45	10	0.26
H742682	5.05	<0.5	1.54	8	80	<0.5	<2	1.74	<0.5	140	2880	189	9.78	<10	0.25
H742683	4.69	<0.5	1.54	<5	70	<0.5	<2	1.63	<0.5	144	3040	236	9.62	10	0.25
H742683 CRD	<0.02	<0.5	1.52	7	70	<0.5	<2	1.62	<0.5	143	2930	233	9.60	10	0.24
H742684	4.58	<0.5	1.49	11	70	<0.5	<2	1.64	<0.5	142	2950	301	9.11	10	0.23
H742685	4.60	<0.5	1.52	6	80	<0.5	<2	1.60	<0.5	141	3030	190	9.47	10	0.23
H742686	4.41	<0.5	1.53	10	60	<0.5	<2	1.60	<0.5	140	3000	163	9.81	10	0.24
H742687	4.66	<0.5	1.47	15	80	<0.5	<2	1.66	<0.5	141	3130	182	9.80	10	0.23
H742688	4.75	<0.5	1.38	11	90	<0.5	<2	1.73	<0.5	155	3700	215	10.30	<10	0.28
H742689	4.51	<0.5	1.56	6	60	<0.5	3	1.46	<0.5	140	3470	91	9.48	<10	0.26
H742690	0.11	<0.5	7.46	<5	60	<0.5	2	5.09	<0.5	86	3840	714	6.85	10	0.17
H742691	4.58	<0.5	1.62	<5	100	<0.5	3	1.58	<0.5	139	3540	76	9.50	<10	0.26
H742692	4.50	<0.5	1.47	5	70	<0.5	7	1.72	<0.5	142	3700	110	9.87	<10	0.27
H742693	4.72	<0.5	1.40	7	50	<0.5	5	1.49	<0.5	135	3820	151	9.58	<10	0.22
H742694	4.45	<0.5	1.34	8	50	<0.5	<2	1.52	<0.5	142	4320	174	10.00	<10	0.23
H742695	4.51	<0.5	1.25	5	60	<0.5	3	1.51	<0.5	139	3630	132	9.77	<10	0.21
H742696	4.53	<0.5	1.47	5	60	<0.5	5	1.63	<0.5	148	3540	130	10.50	<10	0.21
H742697	4.51	<0.5	0.95	<5	70	<0.5	4	1.90	<0.5	142	3630	141	10.15	<10	0.20
H742698	4.48	<0.5	1.27	7	80	<0.5	2	1.84	<0.5	147	3130	189	10.25	<10	0.20
H742699	2.37	<0.5	1.41	<5	80	<0.5	8	1.75	<0.5	150	3260	157	10.35	<10	0.17
H742700	4.55	<0.5	1.61	15	90	<0.5	3	2.32	<0.5	139	3140	175	9.78	<10	0.15
H742701	4.46	<0.5	1.53	10	110	<0.5	<2	2.14	<0.5	149	3160	183	10.50	<10	0.18
H742702	4.64	<0.5	1.25	12	70	<0.5	5	1.86	<0.5	157	3260	183	10.75	<10	0.18
H742703	4.56	<0.5	1.43	6	80	<0.5	4	1.83	<0.5	145	3130	128	10.25	<10	0.18
H742703 CRD	0.02	<0.5	1.58	<5	80	<0.5	<2	1.83	<0.5	144	3080	140	10.10	<10	0.17
H742704	4.50	<0.5	1.18	<5	80	<0.5	6	1.85	<0.5	138	3090	191	9.76	<10	0.17
H742705	4.78	<0.5	1.57	<5	80	<0.5	2	1.90	<0.5	145	3350	200	10.25	<10	0.16
H742706	4.62	<0.5	1.71	8	80	<0.5	3	1.93	<0.5	142	3280	182	10.25	<10	0.17
H742707	4.21	<0.5	1.68	7	80	<0.5	<2	1.99	<0.5	137	3280	305	9.83	<10	0.13
H742708	4.46	<0.5	1.76	<5	80	<0.5	2	1.95	<0.5	138	3400	259	10.05	<10	0.14
H742709	4.54	<0.5	1.86	8	80	<0.5	3	2.02	<0.5	135	3410	202	9.74	<10	0.16

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742672		10	19.60	1505	<1	0.20	1430	390	5	0.09	<5	10	199	<20	0.40	<10
H742673		10	18.60	1440	<1	0.18	1310	370	5	0.09	<5	9	184	<20	0.38	<10
H742674		10	18.75	1465	<1	0.17	1390	370	3	0.13	<5	10	208	<20	0.38	<10
H742675		10	18.25	1435	<1	0.17	1310	360	2	0.17	<5	9	187	<20	0.37	<10
H742676		10	18.80	1485	<1	0.23	1380	370	2	0.10	<5	10	190	<20	0.39	<10
H742677		10	18.60	1460	<1	0.23	1360	370	6	0.12	<5	9	194	<20	0.38	<10
H742678		10	18.95	1480	<1	0.23	1350	360	4	0.21	<5	9	206	<20	0.37	<10
H742679		10	18.60	1440	<1	0.24	1290	360	4	0.15	<5	9	209	<20	0.38	<10
H742680		10	0.23	581	<1	2.64	6	190	9	<0.01	<5	5	183	<20	0.12	<10
H742681		10	19.10	1470	<1	0.26	1310	380	3	0.12	<5	9	200	<20	0.39	<10
H742682		10	18.00	1370	<1	0.23	1260	380	6	0.22	5	8	236	<20	0.36	<10
H742683		10	18.75	1325	<1	0.25	1290	380	3	0.13	5	9	200	<20	0.37	<10
H742683 CRD		10	18.50	1305	<1	0.24	1280	390	4	0.12	<5	9	198	<20	0.36	<10
H742684		10	18.60	1270	<1	0.27	1360	370	2	0.16	<5	9	181	<20	0.35	<10
H742685		10	18.55	1325	<1	0.28	1340	370	5	0.18	<5	8	193	<20	0.34	<10
H742686		10	18.35	1385	<1	0.30	1310	360	3	0.10	<5	9	192	<20	0.36	<10
H742687		10	18.50	1375	<1	0.22	1350	360	7	0.65	<5	9	202	<20	0.34	<10
H742688		10	21.1	1505	1	0.30	1515	440	<2	0.46	<5	6	201	<20	0.37	<10
H742689		10	19.90	1355	1	0.27	1400	390	<2	0.13	<5	7	189	<20	0.37	<10
H742690		10	11.50	1260	1	0.87	1550	160	4	0.32	14	21	200	<20	0.13	<10
H742691		10	19.75	1355	<1	0.28	1400	420	<2	0.35	<5	7	225	<20	0.36	<10
H742692		10	19.95	1445	1	0.29	1455	420	<2	0.21	<5	7	197	<20	0.37	<10
H742693		10	18.95	1365	<1	0.23	1460	350	<2	0.12	<5	9	164	<20	0.34	<10
H742694		10	19.90	1460	1	0.23	1525	360	<2	0.12	<5	7	170	<20	0.34	<10
H742695		10	19.15	1425	1	0.23	1410	330	<2	0.15	<5	7	163	<20	0.33	<10
H742696		10	20.3	1500	<1	0.25	1450	360	<2	0.14	<5	10	203	<20	0.36	<10
H742697		10	21.0	1440	<1	0.24	1380	380	<2	0.26	<5	3	216	<20	0.37	<10
H742698		10	20.1	1500	1	0.30	1425	380	3	0.20	<5	6	210	<20	0.36	<10
H742699		10	20.4	1515	1	0.38	1470	370	<2	0.10	<5	7	211	<20	0.37	<10
H742700		10	18.80	1395	1	0.24	1355	380	<2	0.94	<5	10	227	<20	0.32	<10
H742701		10	19.85	1510	1	0.23	1375	370	<2	0.58	<5	11	228	<20	0.37	<10
H742702		10	20.4	1570	1	0.31	1410	400	2	0.23	<5	5	200	<20	0.39	<10
H742703		10	19.75	1500	1	0.33	1375	400	<2	0.26	<5	7	211	<20	0.39	<10
H742703 CRD		10	19.60	1475	1	0.32	1370	400	<2	0.26	<5	10	206	<20	0.39	10
H742704		10	18.45	1415	1	0.41	1350	380	<2	0.09	<5	4	185	<20	0.39	<10
H742705		10	19.90	1495	<1	0.38	1465	410	<2	0.11	<5	9	216	<20	0.43	<10
H742706		20	19.30	1450	1	0.31	1420	420	<2	0.40	<5	11	217	<20	0.41	<10
H742707		10	18.55	1385	1	0.24	1455	410	<2	0.29	<5	11	199	<20	0.43	<10
H742708		10	19.15	1430	2	0.35	1465	440	<2	0.10	<5	11	214	<20	0.45	<10
H742709		10	18.75	1410	1	0.36	1410	390	<2	0.21	<5	11	225	<20	0.43	10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742672		<10	98	<10	107	0.007	0.0936	0.076			
H742673		<10	95	<10	104	0.005	0.0643	0.055			
H742674		<10	93	<10	104	0.011	0.1480	0.134			
H742675		<10	89	<10	104	0.013	0.1915	0.156			
H742676		<10	91	<10	103	0.010	0.1160	0.102			
H742677		<10	90	<10	102	0.007	0.0836	0.070			
H742678		<10	91	<10	102	0.006	0.0750	0.062			
H742679		<10	89	<10	99	0.004	0.0519	0.041			
H742680		10	16	<10	27	0.001	0.0007	<0.001			
H742681		<10	88	<10	100	0.006	0.0747	0.064			
H742682		<10	82	<10	97	0.006	0.0678	0.059			
H742683		<10	85	<10	90	0.006	0.0739	0.066			
H742683 CRD		<10	84	<10	90	0.006	0.0780	0.068			
H742684		<10	85	<10	91	0.012	0.1100	0.101			
H742685		<10	83	<10	92	0.007	0.0770	0.067			
H742686		<10	84	<10	95	0.005	0.0583	0.050			
H742687		<10	88	<10	95	0.005	0.0716	0.060			
H742688		<10	90	<10	103	0.006	0.0834	0.070			
H742689		<10	87	<10	90	0.004	0.0504	0.042			
H742690		10	123	<10	306	0.107	>1.00	0.595	0.10	1.27	0.59
H742691		<10	86	<10	92	0.004	0.0433	0.031			
H742692		<10	94	<10	97	0.004	0.0530	0.041			
H742693		<10	91	<10	93	0.007	0.0736	0.064			
H742694		<10	95	<10	100	0.007	0.0770	0.057			
H742695		<10	91	<10	96	0.006	0.0807	0.064			
H742696		<10	95	<10	99	0.006	0.0841	0.065			
H742697		<10	101	<10	105	0.006	0.0731	0.061			
H742698		<10	97	<10	99	0.008	0.0937	0.082			
H742699		<10	99	<10	101	0.006	0.0655	0.057			
H742700		<10	98	<10	94	0.007	0.0788	0.065			
H742701		<10	99	<10	101	0.007	0.0831	0.067			
H742702		<10	101	<10	104	0.007	0.0759	0.065			
H742703		<10	101	<10	101	0.006	0.0618	0.053			
H742703 CRD		<10	98	<10	98	0.006	0.0708	0.057			
H742704		<10	97	<10	94	0.007	0.0869	0.074			
H742705		<10	104	<10	99	0.007	0.0914	0.073			
H742706		<10	103	<10	97	0.007	0.0862	0.068			
H742707		<10	101	<10	93	0.010	0.131	0.106			
H742708		<10	107	<10	97	0.009	0.108	0.086			
H742709		<10	106	<10	103	0.005	0.0637	0.051			

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742710		0.11	0.6	8.09	<5	70	<0.5	2	6.47	0.5	102	424	3380	6.25	10	0.38
H742711		4.13	<0.5	1.80	<5	70	<0.5	<2	2.06	<0.5	129	3700	187	9.57	<10	0.14
H742712		4.72	<0.5	2.39	5	90	<0.5	2	3.12	<0.5	122	3210	183	9.41	<10	0.15
H742713		4.42	<0.5	1.92	<5	80	<0.5	<2	2.09	<0.5	132	3160	287	9.51	<10	0.15
H742714		4.40	<0.5	2.01	<5	80	<0.5	3	2.22	<0.5	132	3140	210	9.66	<10	0.15
H742715		4.60	<0.5	2.03	21	80	0.5	3	2.74	<0.5	130	3230	269	9.85	<10	0.21
H742716		4.69	<0.5	2.26	<5	100	0.5	2	2.47	<0.5	129	2960	343	9.74	<10	0.21
H742717		4.28	<0.5	2.46	7	110	0.5	5	2.71	<0.5	125	2770	193	9.86	<10	0.22
H742718		4.79	<0.5	2.64	5	110	0.5	4	2.95	<0.5	122	2510	198	9.75	10	0.26
H742719		4.60	<0.5	2.90	<5	110	0.5	4	3.20	<0.5	118	2370	227	10.00	<10	0.32
H742720		0.09	<0.5	6.66	9	920	1.0	<2	1.32	<0.5	3	28	17	1.60	10	2.24
H742721		4.50	<0.5	3.24	<5	120	0.6	2	3.66	<0.5	113	2350	215	9.82	10	0.34
H742722		4.33	0.6	3.47	12	130	0.7	<2	3.77	<0.5	111	2280	243	9.51	10	0.37
H742723		2.23	<0.5	3.21	<5	130	0.7	6	3.55	<0.5	97	2190	197	9.06	10	0.47
H742723 CRD		0.02	<0.5	3.27	8	140	0.7	3	3.60	<0.5	101	2220	203	9.18	10	0.48
H742724		2.34	<0.5	3.77	<5	180	0.8	2	3.96	<0.5	99	2080	193	9.52	10	0.52
H742725		2.27	<0.5	3.99	<5	180	0.9	<2	4.45	<0.5	90	1700	151	9.01	10	0.47
H742726		2.08	<0.5	4.26	30	130	1.3	3	4.15	0.8	76	1500	341	9.05	10	0.38
H742727		2.79	<0.5	7.83	10	300	1.2	4	0.72	<0.5	43	83	184	3.68	20	1.31
H742728		4.21	<0.5	7.80	5	390	1.4	2	0.59	<0.5	14	78	6	3.31	20	1.67
H742729		4.23	<0.5	8.06	8	420	1.5	<2	0.55	<0.5	17	81	15	3.85	20	1.99
H742730		0.11	<0.5	6.71	<5	60	<0.5	5	4.75	<0.5	73	3650	644	6.10	10	0.16

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742710		10	5.99	828	1	1.08	3060	80	<2	1.51	5	12	84	<20	0.12	<10
H742711		10	17.90	1345	1	0.29	1420	410	<2	0.22	<5	11	332	<20	0.42	10
H742712		20	16.80	1330	<1	0.42	1275	620	<2	0.33	<5	12	953	<20	0.57	<10
H742713		10	17.45	1365	<1	0.40	1345	430	<2	0.08	<5	11	238	<20	0.49	<10
H742714		20	17.45	1385	<1	0.43	1305	440	<2	0.10	<5	12	244	<20	0.47	<10
H742715		20	17.30	1400	1	0.34	1315	500	<2	0.46	<5	13	241	<20	0.53	<10
H742716		20	16.85	1385	<1	0.61	1315	520	<2	0.15	<5	13	262	<20	0.53	<10
H742717		20	16.50	1420	1	0.75	1200	480	<2	0.09	<5	14	287	<20	0.61	<10
H742718		20	15.65	1410	1	0.76	1120	620	<2	0.10	<5	15	308	<20	0.68	<10
H742719		20	15.35	1425	1	0.81	1100	610	<2	0.16	<5	16	341	<20	0.70	<10
H742720		10	0.27	604	1	2.75	6	190	3	<0.01	<5	5	179	<20	0.12	<10
H742721		20	14.75	1465	<1	0.74	1035	660	12	0.14	<5	16	341	<20	0.80	<10
H742722		20	13.90	1440	1	0.64	1020	700	46	0.30	<5	16	313	<20	0.82	<10
H742723		20	12.60	1265	<1	0.73	860	700	5	0.17	<5	15	391	<20	0.81	<10
H742723 CRD		20	12.75	1285	<1	0.75	876	710	5	0.18	<5	15	402	<20	0.82	<10
H742724		20	12.55	1335	<1	0.93	837	740	4	0.10	<5	16	484	<20	0.91	<10
H742725		20	11.20	1320	1	0.84	712	840	5	0.10	<5	17	373	<20	0.95	<10
H742726		20	10.50	1840	<1	0.99	679	820	39	0.14	<5	18	206	<20	0.99	<10
H742727		10	1.88	439	1	3.73	101	630	3	0.30	<5	9	229	<20	0.27	<10
H742728		10	1.65	355	<1	3.09	43	650	<2	0.28	5	9	230	<20	0.27	<10
H742729		30	1.84	404	1	2.76	44	690	6	0.89	<5	10	182	<20	0.27	<10
H742730		10	10.10	1105	1	0.77	1360	150	8	0.31	7	19	179	<20	0.11	<10

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H742710		<10	77	<10	64	0.058	0.194	0.702			
H742711		<10	110	<10	93	0.006	0.0776	0.059			
H742712		<10	120	<10	102	0.006	0.0809	0.061			
H742713		<10	116	<10	93	0.009	0.119	0.095			
H742714		<10	118	<10	95	0.007	0.0784	0.065			
H742715		<10	127	<10	97	0.008	0.0964	0.083			
H742716		<10	130	<10	96	0.010	0.129	0.111			
H742717		<10	142	<10	100	0.006	0.0697	0.054			
H742718		<10	149	<10	99	0.006	0.0723	0.059			
H742719		<10	160	<10	99	0.006	0.0691	0.058			
H742720		10	16	<10	25	0.001	0.0005	<0.001			
H742721		<10	173	<10	135	0.006	0.0673	0.056			
H742722		<10	175	<10	161	0.007	0.0778	0.064			
H742723		<10	166	<10	92	0.006	0.0727	0.053			
H742723 CRD		<10	169	<10	95	0.007	0.0693	0.053			
H742724		<10	185	<10	98	0.006	0.0596	0.047			
H742725		<10	192	<10	99	0.005	0.0351	0.027			
H742726		<10	201	<10	349	0.008	0.0721	0.058			
H742727		<10	79	<10	30	0.006	0.0372	0.043			
H742728		<10	78	<10	21	0.002	0.0015	0.001			
H742729		<10	85	<10	26	0.002	0.0015	0.001			
H742730		<10	111	<10	279	0.104	>1.00	0.578	0.15	1.21	0.57

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 14-SEP-2009
Account: MGMAM

Project: SD09-177 BL

CERTIFICATE OF ANALYSIS TB09094056

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

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

Finalized Date: 24-SEP-2009
Account: MGMAM

CERTIFICATE TB09095542

Project: SD09-178 BL

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 4-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 24-SEP-2009
Account: MGMAM

Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742731		5.60	<0.5	7.45	11	380	3.0	<2	0.42	<0.5	19	115	6	4.97	20	2.16
H742732		4.64	<0.5	7.59	33	370	3.2	<2	0.48	<0.5	21	65	5	5.70	20	2.12
H742733		4.46	<0.5	7.53	49	290	2.5	<2	0.83	<0.5	23	17	3	6.72	20	1.27
H742734		4.58	<0.5	7.68	37	310	1.7	<2	1.01	<0.5	21	7	2	6.03	20	1.08
H742735		3.80	<0.5	7.25	43	320	1.6	<2	2.54	<0.5	22	8	2	6.53	20	1.16
H742736		4.27	<0.5	7.37	99	360	2.3	<2	1.02	<0.5	21	7	2	7.52	20	1.33
H742737		4.09	<0.5	7.23	70	330	2.1	<2	1.34	<0.5	21	8	1	6.78	20	1.11
H742738		2.86	<0.5	7.31	60	240	2.0	<2	1.90	<0.5	36	9	1	9.06	20	0.73
H742739		1.45	<0.5	6.77	47	630	2.2	<2	2.21	<0.5	46	16	42	10.55	20	0.56
H742740		2.32	<0.5	3.68	61	660	1.4	<2	4.16	<0.5	103	432	1050	10.65	10	0.04
H742741		3.38	<0.5	2.85	37	360	0.8	<2	4.12	<0.5	93	1130	398	10.15	10	0.04
H742742		4.05	<0.5	2.91	75	370	0.7	<2	3.96	0.5	105	1440	290	9.78	10	0.10
H742743		4.25	<0.5	2.64	47	190	0.7	3	4.09	1.2	112	1540	406	10.00	10	0.16
H742743 CRD		<0.02	<0.5	2.58	53	180	0.7	<2	4.00	1.2	113	1570	435	9.96	10	0.16
H742744		4.30	<0.5	3.44	27	100	0.9	<2	3.89	0.6	98	1430	351	9.60	10	0.18
H742745		4.67	<0.5	2.22	5	120	0.6	<2	3.56	<0.5	124	1830	316	10.25	10	0.23
H742746		4.74	<0.5	2.45	21	80	0.6	<2	4.63	<0.5	116	1790	207	9.92	10	0.14
H742747		4.40	<0.5	1.90	11	90	0.5	2	3.22	<0.5	128	2180	213	10.20	10	0.19
H742748		4.52	<0.5	2.07	12	90	0.5	<2	3.13	<0.5	123	2030	230	9.83	10	0.19
H742749		4.44	<0.5	1.87	8	90	<0.5	2	2.72	<0.5	133	2310	395	10.30	10	0.20
H742750		0.11	0.7	8.48	<5	70	<0.5	<2	6.63	<0.5	101	424	3370	6.28	10	0.38
H742751		4.30	<0.5	1.76	11	70	0.5	<2	2.35	<0.5	137	2520	370	10.50	10	0.17
H742752		4.44	<0.5	1.62	15	190	<0.5	2	2.82	<0.5	138	2460	514	10.40	<10	0.13
H742753		4.31	<0.5	1.57	8	90	<0.5	2	2.57	<0.5	144	2650	481	10.70	<10	0.14
H742754		4.26	<0.5	1.62	31	110	<0.5	3	2.96	<0.5	135	2580	186	10.40	<10	0.11
H742755		4.53	<0.5	1.72	19	60	<0.5	<2	2.69	<0.5	136	2560	287	10.25	10	0.13
H742756		3.78	<0.5	1.55	7	70	<0.5	2	2.07	<0.5	131	2400	194	9.67	<10	0.14
H742757		4.41	<0.5	1.60	13	90	<0.5	<2	2.24	<0.5	139	2580	115	10.40	<10	0.16
H742758		4.46	<0.5	1.62	18	190	<0.5	<2	2.54	<0.5	139	2730	167	10.35	<10	0.14
H742759		4.11	<0.5	1.50	9	90	<0.5	<2	2.09	<0.5	140	2840	231	10.30	<10	0.20
H742760		0.09	<0.5	6.74	<5	960	1.0	<2	1.43	<0.5	4	21	18	1.69	10	2.21
H742761		4.47	<0.5	1.57	13	90	<0.5	2	2.01	<0.5	143	2890	151	10.45	10	0.18
H742762		4.67	<0.5	1.54	6	70	<0.5	2	1.95	<0.5	148	2840	131	10.70	<10	0.21
H742763		4.23	<0.5	1.54	<5	60	<0.5	<2	1.83	<0.5	150	2820	318	10.90	10	0.22
H742763 CRD		<0.02	<0.5	1.53	6	70	<0.5	3	1.85	<0.5	152	2850	322	11.00	<10	0.21
H742764		4.44	<0.5	1.43	10	70	<0.5	<2	1.73	<0.5	149	2960	221	10.60	<10	0.19
H742765		4.83	<0.5	1.41	9	90	<0.5	<2	1.68	<0.5	149	3020	216	10.65	<10	0.19
H742766		4.74	<0.5	1.37	10	60	<0.5	<2	1.65	<0.5	140	3360	104	10.05	<10	0.19
H742767		4.68	<0.5	1.32	9	60	<0.5	3	1.63	<0.5	141	3120	59	9.99	<10	0.17
H742768		4.47	<0.5	1.27	10	60	<0.5	<2	1.64	<0.5	139	3070	126	9.99	<10	0.17

***** See Appendix Page for comments regarding this certificate *****

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

Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742731		10	3.16	490	<1	0.80	51	870	<2	1.04	<5	13	56	<20	0.29	<10
H742732		40	3.63	503	1	0.77	35	1150	4	1.87	<5	12	58	<20	0.64	<10
H742733		50	4.11	509	<1	1.67	8	1770	<2	1.86	<5	13	80	<20	1.28	<10
H742734		50	3.72	643	<1	2.58	1	2030	<2	1.01	<5	13	70	<20	1.36	<10
H742735		30	3.44	847	<1	2.29	2	1680	<2	1.61	<5	13	52	<20	1.38	<10
H742736		20	3.25	525	1	2.51	<1	2200	<2	3.85	<5	11	91	<20	1.20	<10
H742737		40	3.66	640	1	2.45	3	1930	<2	2.21	<5	13	73	<20	1.23	<10
H742738		30	4.62	899	<1	2.43	6	940	<2	2.48	<5	24	66	<20	1.50	<10
H742739		30	4.78	1095	1	2.29	17	730	<2	1.73	<5	25	133	<20	1.41	<10
H742740		20	8.86	2460	<1	0.55	541	640	17	1.98	<5	25	176	<20	0.83	<10
H742741		20	11.85	2320	<1	0.27	674	630	8	1.07	<5	24	107	<20	0.79	<10
H742742		20	13.45	1970	<1	0.26	787	640	34	0.86	<5	21	169	<20	0.68	<10
H742743		20	13.45	1650	1	0.19	890	620	37	1.04	<5	18	180	<20	0.64	<10
H742743 CRD		20	13.35	1620	<1	0.19	896	610	39	1.09	<5	18	181	<20	0.63	<10
H742744		20	12.50	1860	<1	0.80	759	700	21	0.88	<5	17	249	<20	0.81	<10
H742745		20	15.15	1495	<1	0.21	1010	510	6	0.40	<5	16	229	<20	0.56	<10
H742746		20	14.50	1785	<1	0.17	900	510	13	0.73	<5	17	181	<20	0.68	<10
H742747		20	16.20	1485	<1	0.17	1060	450	<2	0.38	<5	15	246	<20	0.49	<10
H742748		20	15.60	1490	<1	0.18	1010	470	2	0.40	<5	13	227	<20	0.51	<10
H742749		20	16.80	1495	<1	0.19	1190	450	<2	0.33	<5	13	243	<20	0.48	<10
H742750		10	5.96	805	2	1.13	3020	80	2	1.58	<5	15	83	<20	0.12	<10
H742751		20	17.20	1560	<1	0.14	1230	430	<2	0.41	<5	11	231	<20	0.43	<10
H742752		20	17.45	1545	<1	0.11	1270	380	<2	0.55	<5	12	231	<20	0.42	10
H742753		20	18.35	1540	<1	0.12	1320	380	<2	0.49	<5	12	274	<20	0.40	<10
H742754		20	18.00	1670	<1	0.10	1170	400	5	1.06	<5	11	153	<20	0.38	<10
H742755		20	17.45	1635	<1	0.11	1200	430	3	0.82	<5	11	175	<20	0.43	<10
H742756		20	17.30	1590	<1	0.09	1150	390	2	0.44	<5	10	147	<20	0.38	<10
H742757		20	18.20	1505	<1	0.13	1200	400	<2	0.28	<5	11	301	<20	0.42	<10
H742758		20	18.05	1520	<1	0.12	1210	410	<2	0.61	<5	10	273	<20	0.39	<10
H742759		20	18.30	1475	<1	0.16	1270	380	<2	0.47	<5	10	228	<20	0.36	<10
H742760		10	0.25	605	<1	2.81	4	190	4	0.01	<5	5	186	<20	0.12	<10
H742761		20	18.70	1490	<1	0.15	1280	390	2	0.73	<5	10	229	<20	0.40	<10
H742762		20	19.35	1525	<1	0.13	1320	390	<2	0.18	<5	10	227	<20	0.41	<10
H742763		20	19.70	1550	<1	0.14	1390	380	4	0.35	<5	10	210	<20	0.40	<10
H742763 CRD		20	19.90	1565	<1	0.14	1410	380	<2	0.35	<5	10	208	<20	0.40	<10
H742764		20	19.45	1505	<1	0.14	1350	370	<2	0.33	<5	10	180	<20	0.38	<10
H742765		20	19.65	1510	<1	0.18	1380	360	<2	0.32	<5	10	180	<20	0.38	<10
H742766		20	18.50	1435	<1	0.16	1300	350	<2	0.59	<5	9	186	<20	0.37	<10
H742767		20	18.35	1425	<1	0.15	1270	340	<2	0.38	<5	9	178	<20	0.36	<10
H742768		10	18.30	1420	<1	0.15	1280	320	<2	0.23	<5	9	151	<20	0.35	<10

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24-SEP-2009
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Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742731		<10	93	<10	46	0.003	0.0020	0.002			
H742732		<10	116	<10	45	0.002	0.0011	0.001			
H742733		<10	170	<10	38	0.002	0.0010	0.001			
H742734		<10	163	<10	48	0.002	<0.0005	<0.001			
H742735		<10	203	<10	40	0.002	<0.0005	<0.001			
H742736		<10	125	<10	43	0.002	<0.0005	<0.001			
H742737		<10	151	<10	57	0.002	0.0009	0.001			
H742738		<10	339	<10	80	0.002	0.0011	0.001			
H742739		<10	441	<10	97	0.002	0.0008	<0.001			
H742740		10	201	<10	109	0.022	0.1025	0.040			
H742741		<10	152	<10	109	0.011	0.1200	0.114			
H742742		<10	146	<10	298	0.003	0.0338	0.033			
H742743		<10	134	<10	436	0.010	0.1295	0.124			
H742743 CRD		<10	132	<10	416	0.011	0.1345	0.124			
H742744		10	165	<10	308	0.009	0.1195	0.114			
H742745		10	127	<10	112	0.008	0.0945	0.088			
H742746		<10	143	<10	145	0.006	0.0693	0.064			
H742747		<10	114	<10	108	0.006	0.0570	0.052			
H742748		<10	111	<10	111	0.006	0.0625	0.057			
H742749		<10	109	<10	100	0.010	0.1160	0.110			
H742750		10	76	<10	64	0.061	0.1895	0.689			
H742751		<10	105	<10	105	0.009	0.1045	0.099			
H742752		10	104	<10	114	0.014	0.1690	0.153			
H742753		10	102	<10	108	0.012	0.1540	0.138			
H742754		10	93	<10	117	0.006	0.0506	0.041			
H742755		10	102	<10	106	0.008	0.0894	0.078			
H742756		<10	91	<10	99	0.005	0.0549	0.048			
H742757		<10	101	<10	100	0.004	0.0393	0.033			
H742758		<10	92	<10	108	0.005	0.0574	0.052			
H742759		<10	92	<10	107	0.007	0.0648	0.059			
H742760		10	17	<10	27	0.001	<0.0005	<0.001			
H742761		10	95	<10	103	0.006	0.0635	0.053			
H742762		<10	96	<10	103	0.004	0.0553	0.047			
H742763		<10	96	<10	104	0.010	0.1245	0.115			
H742763 CRD		<10	96	<10	102	0.011	0.1335	0.114			
H742764		<10	92	<10	100	0.007	0.0905	0.076			
H742765		<10	91	<10	101	0.008	0.0806	0.072			
H742766		10	90	<10	99	0.005	0.0467	0.037			
H742767		<10	87	<10	98	0.003	0.0276	0.023			
H742768		10	84	<10	96	0.005	0.0631	0.058			

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 24-SEP-2009
Account: MGMAM

Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742769		4.38	<0.5	1.27	6	60	<0.5	6	1.64	<0.5	139	3090	76	10.10	<10	0.16
H742770		0.11	<0.5	6.67	<5	60	<0.5	<2	4.73	<0.5	75	3800	640	6.18	10	0.15
H742771		4.67	<0.5	1.30	9	60	<0.5	5	1.56	<0.5	141	3110	181	10.20	<10	0.18
H742772		2.36	<0.5	1.30	10	50	<0.5	2	1.59	<0.5	137	3070	136	10.10	<10	0.18
H742773		2.23	<0.5	1.31	9	70	<0.5	<2	1.77	<0.5	136	2970	318	9.96	<10	0.18
H742774		4.79	<0.5	1.29	<5	80	<0.5	5	1.56	<0.5	137	3080	144	10.00	<10	0.18
H742775		4.48	<0.5	1.28	<5	60	<0.5	2	1.61	<0.5	146	3290	469	10.35	<10	0.16
H742776		4.37	<0.5	1.26	7	60	<0.5	2	1.52	<0.5	140	3050	85	10.10	<10	0.17
H742777		2.26	<0.5	1.22	11	50	<0.5	<2	1.74	<0.5	138	3030	74	9.85	<10	0.13
H742778		2.19	<0.5	1.23	11	80	<0.5	<2	1.80	<0.5	142	2990	132	10.20	<10	0.12
H742779		0.99	<0.5	1.23	9	60	<0.5	<2	1.61	<0.5	141	2950	79	10.10	<10	0.14
H742780		2.31	<0.5	1.23	6	60	<0.5	2	1.56	<0.5	143	2880	78	10.10	<10	0.16
H742781		4.67	<0.5	1.23	<5	60	<0.5	<2	1.45	<0.5	143	2850	106	10.10	<10	0.17
H742782		2.33	<0.5	1.20	8	60	<0.5	<2	1.50	<0.5	141	3000	156	10.05	<10	0.15
H742783		2.38	<0.5	1.19	7	60	<0.5	<2	1.71	<0.5	145	2950	959	10.05	<10	0.13
H742783 CRD		<0.02	0.7	1.17	8	50	<0.5	3	1.65	<0.5	147	3050	895	9.93	<10	0.13
H742784		4.65	<0.5	1.24	9	60	<0.5	2	1.52	<0.5	147	3120	331	10.40	<10	0.17
H742785		4.74	<0.5	1.19	6	60	<0.5	<2	1.49	<0.5	147	3160	85	10.25	<10	0.16
H742786		2.31	<0.5	1.24	<5	60	<0.5	<2	1.51	<0.5	148	3180	68	10.40	<10	0.17
H742787		2.30	<0.5	1.19	7	50	<0.5	3	1.52	<0.5	141	3080	89	9.99	<10	0.15
H742788		2.33	<0.5	1.24	<5	50	<0.5	<2	1.66	<0.5	146	3150	122	10.30	<10	0.15
H742789		2.22	<0.5	1.25	18	40	<0.5	2	1.89	<0.5	137	3100	200	9.74	<10	0.11
H742790		0.11	0.7	8.15	<5	70	<0.5	<2	6.39	<0.5	97	445	3250	6.09	10	0.36
H742791		2.12	<0.5	1.18	12	90	<0.5	<2	2.13	<0.5	133	3040	206	9.42	<10	0.10
H742792		2.30	<0.5	1.21	7	50	<0.5	4	1.71	<0.5	138	3150	108	9.79	<10	0.14
H742793		2.36	<0.5	1.25	17	90	<0.5	<2	1.59	<0.5	143	3400	148	10.05	<10	0.14
H742794		2.34	<0.5	1.24	14	90	<0.5	2	1.64	<0.5	134	3130	231	9.55	<10	0.14
H742795		2.26	<0.5	1.30	17	90	<0.5	2	1.72	<0.5	138	3210	115	9.79	<10	0.14
H742796		2.30	<0.5	1.35	5	60	<0.5	3	1.74	<0.5	142	3350	141	9.91	<10	0.14
H742797		4.69	<0.5	1.35	<5	60	<0.5	<2	1.65	<0.5	140	3220	214	9.76	<10	0.14
H742798		4.68	<0.5	1.39	<5	80	<0.5	<2	1.72	<0.5	142	3400	127	9.87	<10	0.14
H742799		4.65	<0.5	1.42	<5	90	<0.5	<2	1.69	<0.5	137	3300	181	9.51	<10	0.15
H742800		0.09	<0.5	6.35	<5	910	1.0	<2	1.32	<0.5	2	29	16	1.58	10	2.06
H742801		4.54	<0.5	1.41	8	80	<0.5	2	1.66	<0.5	135	3270	88	9.65	<10	0.13
H742802		4.68	<0.5	1.35	<5	70	<0.5	<2	1.60	<0.5	131	3440	114	9.33	<10	0.12
H742803		4.48	<0.5	1.29	<5	80	<0.5	<2	1.53	<0.5	133	4020	155	9.52	<10	0.11
H742803 CRD		<0.02	<0.5	1.31	<5	80	<0.5	<2	1.56	<0.5	137	4240	147	9.67	<10	0.11
H742804		4.75	<0.5	1.30	8	120	<0.5	<2	1.76	<0.5	137	3840	108	9.72	<10	0.10
H742805		4.40	<0.5	1.33	<5	70	<0.5	2	1.57	<0.5	137	3280	147	9.72	<10	0.11
H742806		4.54	<0.5	1.38	<5	70	<0.5	3	1.59	<0.5	140	3190	140	10.05	<10	0.12

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Finalized Date: 24-SEP-2009
Account: MGMAM

Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742769		20	18.40	1425	<1	0.13	1260	330	<2	0.28	<5	9	135	<20	0.35	<10
H742770		10	9.61	1110	2	0.76	1360	150	5	0.31	<5	19	180	<20	0.11	<10
H742771		10	18.50	1450	<1	0.14	1290	320	<2	0.25	<5	9	158	<20	0.35	<10
H742772		20	18.30	1435	<1	0.15	1270	330	<2	0.72	<5	9	175	<20	0.35	<10
H742773		10	17.95	1415	<1	0.14	1320	330	<2	0.74	<5	9	176	<20	0.35	<10
H742774		10	18.10	1425	<1	0.14	1280	320	<2	0.47	<5	9	164	<20	0.34	<10
H742775		10	18.60	1455	<1	0.11	1440	330	<2	0.35	<5	9	152	<20	0.34	<10
H742776		10	18.40	1435	<1	0.12	1270	310	<2	0.12	<5	9	163	<20	0.33	<10
H742777		10	18.10	1365	<1	0.10	1220	310	<2	0.37	<5	8	174	<20	0.32	<10
H742778		10	18.75	1460	<1	0.11	1260	310	<2	0.82	<5	9	210	<20	0.31	<10
H742779		10	18.60	1430	<1	0.12	1250	310	<2	0.84	<5	8	179	<20	0.33	<10
H742780		10	18.55	1430	<1	0.14	1260	300	<2	0.46	<5	9	166	<20	0.32	<10
H742781		10	18.65	1430	1	0.13	1250	310	<2	0.12	<5	9	148	<20	0.32	<10
H742782		10	18.40	1425	<1	0.13	1240	300	<2	0.65	<5	8	179	<20	0.32	<10
H742783		10	18.45	1430	<1	0.11	1540	290	<2	1.09	<5	8	184	<20	0.30	<10
H742783 CRD		10	18.15	1405	<1	0.11	1520	300	<2	1.04	<5	8	179	<20	0.32	<10
H742784		10	19.35	1465	<1	0.14	1400	300	<2	0.38	<5	9	174	<20	0.32	<10
H742785		10	19.30	1460	<1	0.13	1330	300	<2	0.12	<5	9	155	<20	0.32	<10
H742786		10	19.60	1475	<1	0.16	1340	320	<2	0.15	<5	9	146	<20	0.32	<10
H742787		10	18.80	1420	<1	0.13	1290	300	<2	0.55	<5	8	197	<20	0.31	<10
H742788		20	19.40	1465	1	0.12	1340	310	<2	0.31	<5	9	178	<20	0.33	<10
H742789		20	18.10	1365	<1	0.11	1300	310	<2	1.22	<5	9	242	<20	0.31	<10
H742790		10	5.77	781	2	1.09	2850	80	2	1.53	<5	14	81	<20	0.11	<10
H742791		10	17.50	1330	<1	0.09	1250	290	<2	0.99	<5	8	202	<20	0.30	<10
H742792		10	18.35	1390	<1	0.12	1290	310	<2	0.68	<5	9	197	<20	0.32	10
H742793		20	18.90	1420	<1	0.15	1330	310	<2	1.19	<5	9	189	<20	0.31	<10
H742794		10	17.80	1355	<1	0.15	1300	300	<2	1.07	<5	9	191	<20	0.30	<10
H742795		10	18.55	1390	<1	0.14	1300	310	3	1.00	<5	9	197	<20	0.31	<10
H742796		20	18.70	1405	<1	0.17	1350	330	<2	0.36	<5	9	187	<20	0.35	<10
H742797		20	18.85	1380	<1	0.24	1370	330	<2	0.11	<5	9	164	<20	0.35	<10
H742798		20	19.20	1395	<1	0.22	1390	340	<2	0.12	<5	10	181	<20	0.36	<10
H742799		20	18.40	1345	<1	0.24	1370	340	<2	0.08	<5	9	188	<20	0.37	<10
H742800		10	0.25	569	<1	2.64	6	180	3	0.01	<5	5	173	<20	0.12	<10
H742801		20	18.55	1370	<1	0.23	1370	340	<2	0.08	<5	9	168	<20	0.35	<10
H742802		10	17.80	1320	<1	0.16	1370	320	<2	0.07	<5	9	157	<20	0.35	<10
H742803		10	18.05	1340	<1	0.13	1460	310	<2	0.09	<5	9	161	<20	0.33	<10
H742803 CRD		10	18.45	1360	1	0.13	1480	310	<2	0.09	<5	9	160	<20	0.33	<10
H742804		10	18.25	1385	<1	0.13	1400	300	<2	0.25	<5	9	164	<20	0.32	<10
H742805		10	18.15	1365	<1	0.16	1380	320	<2	0.13	<5	9	155	<20	0.33	<10
H742806		10	18.50	1415	<1	0.17	1390	330	<2	0.13	<5	9	166	<20	0.35	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 24-SEP-2009
Account: MGMAM

Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742769		10	84	<10	94	0.003	0.0356	0.029			
H742770		10	107	<10	277	0.113	>1.00	0.569	NSS	NSS	NSS
H742771		10	84	<10	97	0.007	0.0733	0.071			
H742772		10	82	<10	94	0.005	0.0541	0.047			
H742773		10	82	<10	94	0.011	0.1240	0.121			
H742774		<10	84	<10	95	0.006	0.0662	0.057			
H742775		<10	84	<10	100	0.018	0.201	0.171			
H742776		<10	82	<10	97	0.004	0.0388	0.038			
H742777		<10	79	<10	90	0.002	0.0326	0.025			
H742778		10	79	<10	107	0.005	0.0656	0.052			
H742779		<10	78	<10	95	0.003	0.0293	0.023			
H742780		<10	78	<10	95	0.003	0.0313	0.024			
H742781		<10	79	<10	94	0.004	0.0478	0.040			
H742782		<10	78	<10	94	0.004	0.0458	0.041			
H742783		<10	76	<10	94	0.028	0.310	0.304			
H742783 CRD		<10	77	<10	94	0.025	0.286	0.280			
H742784		10	80	<10	98	0.011	0.1335	0.117			
H742785		<10	78	<10	97	0.004	0.0376	0.034			
H742786		10	81	<10	98	0.002	0.0222	0.017			
H742787		10	78	<10	95	0.003	0.0407	0.034			
H742788		<10	81	<10	95	0.003	0.0422	0.036			
H742789		<10	79	<10	91	0.007	0.0653	0.059			
H742790		10	73	<10	62	0.055	0.1750	0.634			
H742791		<10	77	<10	86	0.007	0.0717	0.063			
H742792		<10	81	<10	92	0.003	0.0349	0.030			
H742793		<10	82	<10	94	0.005	0.0451	0.037			
H742794		10	80	<10	89	0.008	0.0927	0.080			
H742795		10	84	<10	92	0.004	0.0469	0.040			
H742796		<10	86	<10	92	0.005	0.0523	0.044			
H742797		<10	86	<10	90	0.008	0.0873	0.079			
H742798		10	88	<10	93	0.005	0.0602	0.053			
H742799		10	89	<10	91	0.008	0.0929	0.082			
H742800		10	15	<10	25	0.002	<0.0005	<0.001			
H742801		<10	85	<10	93	0.004	0.0514	0.041			
H742802		10	85	<10	90	0.005	0.0546	0.042			
H742803		10	87	<10	91	0.007	0.0699	0.057			
H742803 CRD		<10	88	<10	92	0.006	0.0720	0.057			
H742804		10	85	<10	94	0.004	0.0529	0.040			
H742805		<10	84	<10	94	0.004	0.0650	0.054			
H742806		<10	87	<10	96	0.004	0.0567	0.046			

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Account: MGMAM

Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742807		4.52	<0.5	1.29	7	70	<0.5	2	1.61	<0.5	135	3210	140	9.70	<10	0.11
H742808		4.61	<0.5	1.38	<5	80	<0.5	<2	1.62	<0.5	144	3190	205	9.98	<10	0.14
H742809		4.52	<0.5	1.37	<5	70	<0.5	3	1.57	<0.5	136	2850	322	9.55	<10	0.14
H742810		0.11	<0.5	6.74	<5	60	<0.5	<2	4.84	<0.5	76	3400	641	6.32	10	0.16

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 24-SEP-2009
Account: MGMAM

Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H742807		10	17.90	1355	<1	0.14	1330	320	<2	0.15	<5	9	137	<20	0.34	<10
H742808		10	18.80	1405	1	0.14	1370	330	<2	0.08	<5	9	172	<20	0.36	<10
H742809		10	17.90	1345	<1	0.18	1340	350	<2	0.11	<5	9	163	<20	0.35	<10
H742810		10	9.87	1145	1	0.79	1360	150	3	0.32	<5	19	187	<20	0.11	<10

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Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H742807		<10	87	<10	91	0.004	0.0746	0.068			
H742808		<10	87	<10	93	0.005	0.0851	0.071			
H742809		10	82	<10	90	0.012	0.121	0.125			
H742810		10	106	<10	277	0.119	>1.00	0.567	NSS	NSS	NSS

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24-SEP-2009
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Project: SD09-178 BL

CERTIFICATE OF ANALYSIS TB09095542

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

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Finalized Date: 25-SEP-2009
Account: MGMAM

CERTIFICATE TB09095543

Project: SD09-179 BL

P.O. No.:

This report is for 47 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 4-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25-SEP-2009
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Project: SD09-179 BL

CERTIFICATE OF ANALYSIS TB09095543

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168239		1.62	<0.5	7.00	51	710	2.4	<2	2.19	<0.5	50	18	45	11.05	20	0.57
G168240		1.13	<0.5	1.23	11	90	<0.5	<2	1.71	<0.5	137	2820	61	9.81	<10	0.14
G168241		2.19	<0.5	1.49	23	80	<0.5	<2	1.84	<0.5	137	2970	208	9.82	<10	0.14
H742811		4.62	<0.5	1.47	<5	60	<0.5	<2	1.65	<0.5	139	2810	123	10.05	<10	0.13
H742812		4.50	<0.5	1.39	<5	70	<0.5	<2	1.63	<0.5	138	3070	150	10.05	<10	0.14
H742813		4.59	<0.5	1.39	<5	70	<0.5	<2	1.59	<0.5	139	2950	116	10.10	<10	0.14
H742814		4.59	<0.5	1.39	<5	70	<0.5	3	1.60	<0.5	139	2980	217	10.10	10	0.13
H742815		4.63	<0.5	1.44	<5	70	<0.5	2	1.66	<0.5	140	2970	114	10.10	10	0.14
H742816		4.45	<0.5	1.41	<5	70	<0.5	<2	1.65	<0.5	134	2770	184	9.70	<10	0.14
H742817		4.50	<0.5	1.47	<5	70	<0.5	<2	1.66	<0.5	138	2770	148	9.93	10	0.16
H742818		4.66	<0.5	1.47	<5	80	<0.5	<2	1.66	<0.5	136	2830	269	9.84	<10	0.16
H742819		1.89	<0.5	1.50	15	70	<0.5	<2	1.80	<0.5	138	3030	200	9.91	10	0.16
H742820		4.59	<0.5	1.53	20	80	<0.5	<2	1.90	<0.5	140	3160	136	10.00	<10	0.16
H742821		4.74	<0.5	1.59	<5	80	<0.5	<2	1.81	<0.5	141	3030	347	10.05	<10	0.15
H742822		4.73	<0.5	1.58	<5	70	<0.5	3	1.74	<0.5	140	3200	405	9.94	<10	0.14
H742823		4.85	<0.5	1.57	<5	80	<0.5	<2	1.75	<0.5	137	3230	288	9.77	10	0.15
H742823 CRD		<0.02	<0.5	1.60	<5	80	<0.5	<2	1.77	<0.5	140	3370	282	10.00	<10	0.15
H742824		4.70	<0.5	1.63	<5	80	<0.5	<2	1.76	<0.5	135	3390	139	9.73	<10	0.15
H742825		4.80	<0.5	1.64	<5	70	<0.5	<2	1.91	<0.5	139	3610	194	9.94	<10	0.14
H742826		4.58	<0.5	1.66	<5	70	<0.5	<2	1.83	<0.5	140	4100	354	10.10	<10	0.13
H742827		4.65	<0.5	1.72	<5	80	<0.5	<2	1.92	<0.5	137	3610	213	10.10	<10	0.14
H742828		4.79	<0.5	1.82	7	80	<0.5	<2	2.17	<0.5	141	3540	225	10.45	<10	0.17
H742829		5.00	<0.5	1.83	<5	80	<0.5	<2	2.10	<0.5	139	3550	172	10.40	10	0.16
H742830		0.11	0.9	8.36	<5	70	<0.5	<2	6.52	<0.5	98	427	3310	6.21	10	0.37
H742831		4.84	<0.5	1.84	<5	80	<0.5	2	2.10	<0.5	134	3350	170	10.10	10	0.16
H742832		4.73	<0.5	1.92	9	80	<0.5	<2	2.65	<0.5	136	3040	295	10.40	10	0.19
H742833		4.45	<0.5	1.90	10	100	<0.5	<2	2.46	<0.5	127	2800	197	9.74	<10	0.18
H742834		4.82	<0.5	2.09	<5	80	<0.5	<2	2.46	<0.5	133	2850	218	10.30	10	0.21
H742835		4.77	<0.5	2.16	<5	80	<0.5	<2	2.56	<0.5	135	3050	144	10.50	<10	0.20
H742836		4.67	<0.5	2.24	<5	90	<0.5	<2	2.57	<0.5	131	2960	197	10.30	10	0.22
H742837		4.53	<0.5	2.38	<5	90	0.5	<2	2.45	<0.5	129	2940	237	10.20	10	0.20
H742838		4.72	<0.5	2.34	<5	90	0.5	<2	2.53	<0.5	126	2790	263	10.00	10	0.21
H742839		4.65	<0.5	2.37	<5	90	0.5	<2	2.57	<0.5	122	2800	198	9.77	10	0.22
H742840		0.09	<0.5	6.09	<5	890	1.0	<2	1.31	<0.5	3	31	16	1.58	10	2.05
H742841		4.59	<0.5	2.67	<5	100	0.5	<2	2.85	<0.5	124	2900	214	10.15	10	0.26
H742842		4.66	<0.5	2.67	<5	110	0.6	<2	2.92	<0.5	120	3020	215	9.94	10	0.29
H742843		4.84	<0.5	2.93	6	120	0.6	<2	3.12	<0.5	118	2900	187	10.20	10	0.31
H742843 CRD		0.02	<0.5	2.92	<5	120	0.6	<2	3.16	<0.5	119	2840	186	10.20	10	0.31
H742844		3.61	<0.5	3.06	<5	120	0.6	<2	3.21	<0.5	114	2430	168	9.94	10	0.40
H742845		2.25	<0.5	3.01	8	120	0.6	<2	3.22	<0.5	102	2140	161	9.27	10	0.46

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

Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-179 BL

CERTIFICATE OF ANALYSIS TB09095543

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168239		20	5.03	1150	<1	2.35	17	750	<2	1.94	<5	26	146	<20	1.54	<10
G168240		10	17.90	1400	1	0.12	1200	300	<2	0.89	<5	8	183	<20	0.31	<10
G168241		20	18.05	1385	<1	0.25	1360	370	<2	0.69	<5	9	193	<20	0.35	<10
H742811		10	18.55	1425	<1	0.18	1330	350	<2	0.10	<5	10	159	<20	0.38	<10
H742812		10	18.30	1415	<1	0.21	1360	350	<2	0.10	<5	9	151	<20	0.37	<10
H742813		10	18.35	1425	<1	0.21	1350	330	2	0.03	<5	9	162	<20	0.37	<10
H742814		10	18.20	1415	<1	0.23	1330	330	<2	0.05	<5	9	166	<20	0.36	<10
H742815		20	18.40	1420	<1	0.26	1280	340	<2	0.05	<5	9	180	<20	0.37	<10
H742816		20	17.65	1365	<1	0.25	1250	360	<2	0.11	<5	9	169	<20	0.36	<10
H742817		20	18.30	1395	<1	0.29	1290	380	<2	0.06	<5	9	177	<20	0.39	<10
H742818		20	18.05	1380	<1	0.30	1340	360	<2	0.14	<5	9	179	<20	0.37	<10
H742819		20	18.30	1395	<1	0.26	1380	370	<2	0.59	<5	9	195	<20	0.35	<10
H742820		20	18.55	1435	<1	0.27	1380	380	<2	0.60	<5	9	257	<20	0.36	<10
H742821		20	18.60	1410	<1	0.32	1480	350	<2	0.40	<5	10	208	<20	0.38	<10
H742822		20	18.45	1385	<1	0.42	1510	350	<2	0.12	<5	10	192	<20	0.39	<10
H742823		20	18.10	1370	1	0.44	1440	380	<2	0.09	<5	10	189	<20	0.39	<10
H742823 CRD		20	18.55	1395	<1	0.44	1470	380	2	0.09	<5	10	189	<20	0.40	<10
H742824		20	18.10	1360	<1	0.44	1410	360	<2	0.08	<5	9	192	<20	0.39	<10
H742825		20	18.50	1395	<1	0.37	1460	400	<2	0.39	<5	10	203	<20	0.39	<10
H742826		20	18.30	1380	1	0.40	1570	390	<2	0.14	<5	10	191	<20	0.42	<10
H742827		20	18.00	1395	<1	0.43	1430	380	<2	0.17	<5	10	197	<20	0.43	<10
H742828		20	18.40	1445	<1	0.43	1440	400	<2	0.44	<5	11	227	<20	0.44	<10
H742829		20	18.05	1425	<1	0.51	1380	390	<2	0.30	<5	11	211	<20	0.45	<10
H742830		10	5.88	795	2	1.11	2850	80	3	1.56	<5	15	82	<20	0.11	<10
H742831		20	17.25	1385	<1	0.51	1330	390	<2	0.35	<5	10	213	<20	0.45	<10
H742832		20	17.10	1385	1	0.43	1340	430	<2	0.97	<5	11	283	<20	0.44	<10
H742833		20	16.10	1360	1	0.42	1230	420	3	0.94	<5	11	283	<20	0.45	10
H742834		20	16.75	1410	1	0.52	1280	410	2	0.42	<5	12	255	<20	0.52	<10
H742835		20	16.85	1430	1	0.55	1270	500	<2	0.19	<5	12	265	<20	0.58	<10
H742836		20	16.40	1400	1	0.53	1260	480	<2	0.12	<5	12	277	<20	0.57	<10
H742837		20	16.05	1360	1	0.47	1240	480	<2	0.09	<5	12	243	<20	0.60	<10
H742838		20	15.55	1355	1	0.48	1220	490	<2	0.10	<5	12	263	<20	0.61	<10
H742839		20	14.85	1305	1	0.50	1120	510	<2	0.11	<5	12	264	<20	0.62	<10
H742840		10	0.25	563	1	2.62	4	180	9	<0.01	<5	5	175	<20	0.11	<10
H742841		20	15.25	1380	1	0.58	1170	560	3	0.12	<5	13	304	<20	0.68	10
H742842		20	14.60	1340	1	0.59	1130	580	3	0.10	<5	13	306	<20	0.69	<10
H742843		20	14.70	1390	2	0.67	1140	600	<2	0.16	<5	14	345	<20	0.73	10
H742843 CRD		20	14.80	1395	2	0.67	1140	630	3	0.16	<5	14	343	<20	0.73	<10
H742844		20	13.95	1370	1	0.64	1060	650	2	0.35	<5	14	351	<20	0.76	<10
H742845		20	12.35	1300	2	0.61	911	650	3	0.33	<5	14	331	<20	0.74	10

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Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-179 BL

CERTIFICATE OF ANALYSIS TB09095543

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168239		<10	476	<10	105	<0.001	0.0008	0.001			
G168240		<10	78	<10	92	0.001	0.0302	0.021			
G168241		10	88	<10	101	0.005	0.0902	0.078			
H742811		10	88	<10	95	0.003	0.0581	0.049			
H742812		<10	88	<10	95	0.005	0.0767	0.060			
H742813		<10	86	<10	96	0.003	0.0494	0.040			
H742814		<10	86	<10	96	0.006	0.1030	0.089			
H742815		<10	87	<10	95	0.003	0.0519	0.042			
H742816		<10	83	<10	90	0.005	0.0716	0.061			
H742817		<10	87	<10	94	0.004	0.0581	0.050			
H742818		<10	86	<10	91	0.008	0.1245	0.114			
H742819		10	88	<10	97	0.005	0.0927	0.078			
H742820		10	90	<10	99	0.003	0.0622	0.049			
H742821		10	91	<10	95	0.009	0.1315	0.112			
H742822		<10	91	<10	94	0.010	0.1505	0.129			
H742823		<10	91	<10	93	0.008	0.1195	0.097			
H742823 CRD		10	93	<10	96	0.008	0.1185	0.097			
H742824		<10	94	<10	92	0.004	0.0699	0.057			
H742825		10	99	<10	101	0.005	0.0961	0.077			
H742826		10	101	<10	96	0.009	0.1430	0.119			
H742827		10	103	<10	97	0.005	0.0896	0.070			
H742828		<10	106	<10	99	0.006	0.0868	0.070			
H742829		10	110	<10	98	0.004	0.0643	0.052			
H742830		10	73	<10	63	0.050	0.1765	0.641			
H742831		10	110	<10	96	0.004	0.0632	0.054			
H742832		<10	114	<10	105	0.006	0.0989	0.088			
H742833		<10	111	<10	97	0.004	0.0677	0.056			
H742834		<10	123	<10	106	0.005	0.0790	0.066			
H742835		<10	130	<10	104	0.002	0.0428	0.032			
H742836		<10	131	<10	104	0.004	0.0649	0.053			
H742837		<10	134	<10	99	0.008	0.0694	0.069			
H742838		<10	135	<10	112	0.005	0.0796	0.067			
H742839		<10	135	<10	96	0.004	0.0681	0.056			
H742840		10	15	<10	26	<0.001	0.0005	<0.001			
H742841		<10	145	<10	108	0.005	0.0745	0.066			
H742842		<10	149	<10	101	0.004	0.0712	0.059			
H742843		<10	156	<10	104	0.003	0.0602	0.047			
H742843 CRD		<10	154	<10	105	0.004	0.0607	0.052			
H742844		<10	160	<10	108	0.006	0.0443	0.041			
H742845		<10	158	<10	96	0.005	0.0460	0.041			

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

Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-179 BL

CERTIFICATE OF ANALYSIS TB09095543

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742846		1.93	1.6	3.47	10	130	0.7	<2	3.35	<0.5	136	2080	2540	10.95	10	0.52
H742847		2.38	<0.5	3.91	25	190	0.9	<2	2.78	<0.5	98	1860	311	9.45	10	0.69
H742848		1.34	1.9	3.72	34	90	1.9	<2	4.15	<0.5	88	1375	3000	10.25	10	0.58
H742849		2.24	<0.5	4.08	39	80	2.1	<2	3.11	1.0	81	1385	434	9.50	10	0.70
H742850		0.11	<0.5	6.66	<5	60	<0.5	<2	4.87	<0.5	77	3470	657	6.33	10	0.16
H742851		4.08	<0.5	8.02	18	460	1.8	<2	0.68	<0.5	21	122	106	4.64	20	2.16
H742852		4.32	<0.5	8.28	12	500	2.1	<2	0.53	1.0	21	109	33	4.52	20	2.36

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CERTIFICATE OF ANALYSIS TB09095543

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742846		20	12.75	1520	2	0.63	1860	650	7	1.54	<5	16	304	<20	0.85	<10
H742847		30	12.05	1710	3	0.66	816	870	8	0.59	<5	18	270	<20	0.95	10
H742848		30	11.95	1515	3	0.44	830	850	10	3.88	<5	17	190	<20	0.85	<10
H742849		30	11.35	1535	4	0.74	648	830	15	1.95	<5	18	175	<20	0.94	<10
H742850		10	9.90	1135	2	0.78	1400	160	9	0.33	<5	19	189	<20	0.11	10
H742851		20	2.23	445	5	2.36	73	720	22	1.77	<5	13	159	<20	0.30	<10
H742852		10	2.33	424	6	2.32	72	690	16	0.92	<5	15	117	<20	0.31	<10

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Finalized Date: 25-SEP-2009
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Project: SD09-179 BL

CERTIFICATE OF ANALYSIS TB09095543

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742846		<10	179	<10	111	0.059	0.683	0.748			
H742847		<10	198	<10	110	0.008	0.0711	0.073			
H742848		<10	185	<10	182	0.070	0.740	0.791			
H742849		<10	196	<10	441	0.008	0.128	0.109			
H742850		10	108	<10	285	0.122	>1.00	0.576	0.13	1.29	0.59
H742851		<10	110	<10	128	0.003	0.0057	0.005			
H742852		10	122	<10	243	0.002	0.0020	0.002			

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

Finalized Date: 25-SEP-2009
Account: MGMAM

CERTIFICATE TB09097630

Project: SD09-180 BL

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-180 BL

CERTIFICATE OF ANALYSIS TB09097630

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H742853		3.79	<0.5	8.08	<5	1040	1.7	<2	0.70	<0.5	16	105	7	2.94	20	2.47
H742854		4.14	<0.5	7.70	10	660	2.7	<2	0.48	<0.5	15	89	3	3.47	20	2.61
H742855		4.26	<0.5	6.97	28	360	2.1	<2	1.22	<0.5	20	14	4	6.19	20	1.05
H742856		3.10	<0.5	8.04	12	590	2.6	<2	0.55	<0.5	16	94	<1	4.28	20	2.55
H742857		3.27	<0.5	7.47	12	1550	2.0	<2	1.21	<0.5	23	27	<1	7.57	20	0.98
H742858		2.19	<0.5	7.51	20	310	2.4	<2	0.87	<0.5	24	9	<1	7.32	20	0.88
H742859		4.43	<0.5	7.26	14	410	1.8	<2	1.24	<0.5	21	5	<1	6.51	20	0.91
H742860		2.05	<0.5	7.87	9	370	2.0	<2	1.06	<0.5	21	18	<1	7.15	20	1.17
H742861		3.92	<0.5	7.36	36	310	1.7	<2	1.23	<0.5	29	11	<1	7.71	20	0.95
H742862		4.40	<0.5	7.78	34	320	1.8	<2	2.44	<0.5	29	13	1	8.06	20	1.11
H742863		4.09	<0.5	7.45	15	360	1.7	<2	4.05	<0.5	45	18	117	9.80	20	0.77
H742863 CRD		0.02	<0.5	7.24	19	330	1.6	<2	3.91	<0.5	41	13	96	9.54	20	0.72
H742864		2.49	2.8	3.74	76	50	1.1	<2	4.40	2.5	131	687	2180	10.90	10	0.13
H742865		4.78	<0.5	2.64	18	170	0.7	<2	5.75	<0.5	103	1330	774	9.21	10	0.22
H742866		4.63	<0.5	3.05	59	80	0.8	<2	4.48	<0.5	101	1450	296	9.64	10	0.21
H742867		4.28	<0.5	2.51	13	100	0.6	<2	3.86	<0.5	114	1830	306	9.74	10	0.22
H742868		4.60	<0.5	3.28	32	70	0.8	<2	4.01	<0.5	102	1490	277	9.22	10	0.16
H742869		4.57	<0.5	2.24	<5	120	0.5	<2	3.40	<0.5	123	2070	292	9.99	10	0.22
H742870		0.10	0.7	8.85	<5	70	<0.5	<2	6.77	<0.5	100	422	3370	6.36	10	0.38
H742871		4.46	<0.5	2.50	11	200	0.6	<2	3.38	<0.5	122	2180	370	10.25	10	0.22
H742872		4.56	<0.5	2.27	6	120	0.6	<2	3.36	<0.5	124	2240	251	10.05	10	0.22
H742873		4.70	<0.5	2.12	<5	100	0.5	<2	2.89	<0.5	132	2370	317	10.20	10	0.20
H742874		4.44	<0.5	2.49	6	170	0.6	<2	3.42	<0.5	119	2250	161	9.46	10	0.20
H742875		4.35	<0.5	2.02	<5	100	<0.5	<2	2.97	<0.5	127	2360	285	9.86	10	0.19
H742876		4.41	<0.5	1.97	<5	90	0.5	<2	2.44	<0.5	138	2580	257	10.40	10	0.22
H742877		4.55	<0.5	1.97	<5	100	0.5	<2	2.42	<0.5	135	2510	223	10.05	<10	0.22
H742878		4.54	<0.5	1.96	9	90	<0.5	<2	2.41	<0.5	137	2640	221	10.35	10	0.22
H742879		4.66	<0.5	1.88	11	100	<0.5	<2	2.33	<0.5	142	2870	165	10.45	10	0.21
H742880		0.09	<0.5	6.28	<5	910	1.0	<2	1.31	<0.5	3	25	14	1.55	10	2.07
H742881		4.52	<0.5	1.95	7	90	<0.5	<2	2.33	<0.5	143	2830	186	10.45	10	0.22
H742882		4.58	<0.5	1.72	7	80	<0.5	<2	2.09	<0.5	139	2880	100	10.25	<10	0.18
H742883		4.42	<0.5	1.76	<5	90	<0.5	<2	2.08	<0.5	142	2870	125	10.30	10	0.21
H742883 CRD		0.02	<0.5	1.75	8	90	<0.5	<2	2.07	<0.5	142	2830	130	10.35	10	0.21
H742884		4.54	<0.5	1.76	8	90	<0.5	<2	2.10	<0.5	139	2720	120	10.15	10	0.22
H742885		4.53	<0.5	1.78	9	90	<0.5	<2	2.13	<0.5	141	2810	190	10.40	10	0.26
H742886		4.41	<0.5	1.78	11	90	<0.5	<2	2.33	<0.5	142	2920	177	10.45	10	0.24
H742887		4.44	<0.5	1.72	<5	80	<0.5	<2	1.97	<0.5	146	3050	80	10.55	10	0.22
H742888		4.43	<0.5	1.73	5	70	<0.5	<2	2.05	<0.5	139	3040	92	10.25	<10	0.23
H742889		4.47	<0.5	1.83	<5	90	<0.5	<2	2.16	<0.5	141	3040	80	10.05	<10	0.24
H742890		0.11	<0.5	7.15	<5	60	<0.5	<2	5.05	<0.5	79	3440	670	6.61	10	0.16

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THUNDER BAY ON P7B 6V1

Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-180 BL

CERTIFICATE OF ANALYSIS TB09097630

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742853		20	1.76	569	<1	2.86	49	620	4	0.21	<5	11	192	<20	0.29	<10
H742854		20	2.31	544	<1	1.63	42	680	3	0.30	<5	10	108	<20	0.28	<10
H742855		40	3.45	736	<1	2.12	8	1510	<2	0.76	<5	14	102	<20	1.10	10
H742856		20	2.68	497	1	1.44	54	820	2	0.18	<5	14	111	<20	0.47	<10
H742857		40	3.86	753	<1	2.39	8	1650	<2	0.28	<5	15	131	<20	1.25	<10
H742858		40	4.21	788	<1	2.18	<1	1820	3	0.50	<5	15	98	<20	1.29	<10
H742859		40	3.44	700	<1	2.58	<1	2020	2	0.52	<5	12	94	<20	1.20	<10
H742860		40	3.64	716	<1	2.69	5	1910	<2	0.27	<5	14	101	<20	1.23	<10
H742861		40	3.74	757	<1	2.46	7	1650	5	1.43	<5	15	70	<20	1.30	10
H742862		40	3.43	804	<1	2.83	8	1330	2	1.34	<5	19	133	<20	1.39	10
H742863		20	4.06	1265	<1	2.83	15	770	6	0.62	<5	26	217	<20	1.48	<10
H742863 CRD		20	3.99	1215	<1	2.73	13	760	4	0.57	<5	25	204	<20	1.45	<10
H742864		20	9.69	2330	<1	0.66	987	690	381	0.93	<5	24	115	<20	0.85	<10
H742865		20	12.05	1405	1	0.44	785	590	3	0.61	<5	26	243	<20	0.65	<10
H742866		20	12.95	1705	<1	0.56	711	690	3	0.34	<5	21	234	<20	0.67	<10
H742867		20	14.35	1425	<1	0.34	865	580	3	0.57	<5	18	211	<20	0.59	10
H742868		20	13.70	1595	<1	0.47	765	630	18	0.67	<5	18	155	<20	0.67	10
H742869		20	15.85	1445	<1	0.33	980	500	<2	0.16	<5	16	279	<20	0.53	<10
H742870		10	6.05	785	1	1.13	2890	90	4	1.61	<5	16	84	<20	0.12	<10
H742871		20	15.50	1475	<1	0.49	1010	600	3	0.48	<5	15	281	<20	0.59	<10
H742872		20	16.25	1450	<1	0.43	992	520	<2	0.25	<5	14	272	<20	0.54	<10
H742873		20	17.35	1450	<1	0.49	1125	480	3	0.13	<5	14	249	<20	0.51	10
H742874		20	15.80	1425	<1	0.75	967	530	3	0.17	<5	14	307	<20	0.56	<10
H742875		20	16.80	1405	1	0.37	1075	460	<2	0.11	<5	14	245	<20	0.50	<10
H742876		20	18.30	1460	<1	0.34	1175	450	<2	0.10	<5	13	249	<20	0.48	<10
H742877		20	17.80	1435	<1	0.38	1115	460	3	0.12	<5	12	237	<20	0.47	<10
H742878		20	18.45	1465	<1	0.42	1170	470	<2	0.19	<5	12	285	<20	0.46	<10
H742879		20	18.80	1475	<1	0.34	1180	450	<2	0.24	<5	12	271	<20	0.45	<10
H742880		20	0.24	563	<1	2.64	2	190	10	<0.01	<5	5	174	<20	0.12	<10
H742881		20	18.85	1475	<1	0.43	1210	460	<2	0.22	<5	12	249	<20	0.48	<10
H742882		20	18.70	1440	<1	0.36	1170	410	<2	0.13	<5	11	213	<20	0.43	10
H742883		20	18.95	1450	<1	0.37	1195	430	<2	0.15	<5	11	220	<20	0.43	<10
H742883 CRD		20	19.05	1455	<1	0.37	1210	410	3	0.16	<5	11	223	<20	0.43	<10
H742884		20	18.60	1440	1	0.35	1180	430	<2	0.27	<5	11	242	<20	0.43	<10
H742885		20	19.15	1475	<1	0.37	1225	410	<2	0.21	<5	11	237	<20	0.43	10
H742886		20	19.10	1470	<1	0.38	1220	440	<2	0.25	<5	11	243	<20	0.43	<10
H742887		20	19.80	1480	1	0.43	1265	450	<2	0.13	<5	11	208	<20	0.42	<10
H742888		20	19.25	1460	<1	0.33	1225	400	4	0.22	<5	11	236	<20	0.41	<10
H742889		20	18.85	1480	<1	0.49	1200	460	2	0.13	<5	11	233	<20	0.44	<10
H742890		10	10.60	1150	<1	0.80	1395	160	8	0.33	13	20	190	<20	0.12	<10

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

Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-180 BL

CERTIFICATE OF ANALYSIS TB09097630

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742853		<10	89	<10	66	0.001	0.0011	0.001			
H742854		<10	79	<10	62	0.001	0.0010	0.001			
H742855		<10	156	<10	74	0.001	0.0005	<0.001			
H742856		<10	120	<10	63	0.001	0.0013	0.001			
H742857		<10	184	<10	65	0.001	0.0009	0.001			
H742858		<10	189	<10	77	0.002	<0.0005	<0.001			
H742859		<10	131	<10	51	0.001	<0.0005	<0.001			
H742860		<10	151	<10	60	0.001	<0.0005	<0.001			
H742861		<10	181	<10	61	0.002	0.0006	<0.001			
H742862		<10	241	<10	75	0.002	0.0015	0.002			
H742863		<10	429	<10	115	0.002	0.0005	<0.001			
H742863 CRD		<10	415	<10	114	0.002	0.0005	<0.001			
H742864		<10	191	<10	887	0.064	0.381	0.301			
H742865		<10	141	<10	100	0.018	0.212	0.203			
H742866		<10	132	<10	135	0.007	0.0685	0.060			
H742867		<10	133	<10	113	0.008	0.0828	0.073			
H742868		<10	138	<10	170	0.008	0.0872	0.080			
H742869		<10	119	<10	106	0.007	0.0760	0.067			
H742870		<10	75	<10	67	0.062	0.185	0.689			
H742871		<10	121	<10	114	0.010	0.107	0.097			
H742872		<10	119	<10	107	0.007	0.0716	0.061			
H742873		<10	116	<10	104	0.009	0.0901	0.080			
H742874		<10	120	<10	106	0.005	0.0419	0.036			
H742875		<10	112	<10	102	0.010	0.107	0.098			
H742876		<10	107	<10	105	0.007	0.0923	0.081			
H742877		<10	103	<10	103	0.007	0.0761	0.067			
H742878		<10	103	<10	103	0.007	0.0725	0.067			
H742879		<10	105	<10	104	0.006	0.0587	0.049			
H742880		<10	15	<10	27	0.001	0.0005	<0.001			
H742881		<10	109	<10	107	0.006	0.0638	0.056			
H742882		<10	102	<10	102	0.003	0.0367	0.031			
H742883		<10	103	<10	105	0.005	0.0532	0.044			
H742883 CRD		<10	102	<10	104	0.005	0.0551	0.045			
H742884		<10	99	<10	103	0.005	0.0562	0.048			
H742885		<10	101	<10	105	0.007	0.0787	0.066			
H742886		<10	105	<10	102	0.006	0.0653	0.056			
H742887		<10	102	<10	104	0.002	0.0276	0.023			
H742888		<10	98	<10	104	0.004	0.0380	0.034			
H742889		<10	102	<10	123	0.004	0.0369	0.030			
H742890		<10	113	<10	295	0.105	>1.00	0.515	0.13	1.35	0.61

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

Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-180 BL

CERTIFICATE OF ANALYSIS TB09097630

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742891		4.65	<0.5	1.72	5	80	<0.5	<2	2.09	<0.5	142	3000	85	10.25	10	0.22
H742892		4.63	<0.5	1.75	<5	90	<0.5	<2	2.03	<0.5	145	3080	93	10.80	10	0.21
H742893		2.42	<0.5	1.70	5	80	<0.5	<2	1.98	<0.5	145	2920	97	10.75	10	0.23
H742894		2.35	<0.5	1.60	6	100	<0.5	<2	1.97	<0.5	140	2950	60	10.40	10	0.22
H742895		4.74	<0.5	1.62	11	80	<0.5	<2	1.97	<0.5	147	2960	110	10.75	<10	0.20
H742896		4.64	<0.5	1.58	8	90	<0.5	<2	2.02	<0.5	142	2990	78	10.60	<10	0.21
H742897		4.63	<0.5	1.45	8	80	<0.5	<2	1.73	<0.5	144	3120	91	10.25	10	0.21
H742898		2.13	<0.5	1.37	5	80	<0.5	<2	1.82	<0.5	140	2960	367	9.96	<10	0.21
H742899		4.66	<0.5	1.53	11	60	<0.5	<2	1.85	<0.5	145	3170	196	10.35	10	0.27
H742900		2.07	<0.5	1.51	11	70	<0.5	<2	1.82	<0.5	150	3030	200	10.55	10	0.25

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Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-180 BL

CERTIFICATE OF ANALYSIS TB09097630

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742891		20	19.15	1445	<1	0.32	1230	450	<2	0.20	<5	11	266	<20	0.42	10
H742892		20	20.0	1515	<1	0.46	1275	430	<2	0.12	<5	11	212	<20	0.43	<10
H742893		20	19.90	1510	<1	0.37	1265	400	<2	0.15	<5	11	219	<20	0.41	<10
H742894		20	19.35	1470	1	0.30	1215	410	<2	0.43	<5	11	252	<20	0.37	<10
H742895		20	20.00	1525	1	0.40	1310	400	<2	0.08	<5	11	208	<20	0.39	<10
H742896		20	19.65	1545	1	0.34	1265	390	2	0.16	<5	11	233	<20	0.37	<10
H742897		20	19.10	1445	<1	0.31	1260	370	<2	0.09	<5	10	188	<20	0.34	10
H742898		20	18.35	1385	<1	0.21	1300	350	<2	0.56	<5	10	199	<20	0.34	<10
H742899		20	19.40	1455	<1	0.23	1285	360	<2	0.23	<5	10	198	<20	0.37	<10
H742900		20	19.95	1485	1	0.20	1280	360	<2	0.32	<5	10	228	<20	0.36	<10

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Finalized Date: 25-SEP-2009
Account: MGMAM

Project: SD09-180 BL

CERTIFICATE OF ANALYSIS TB09097630

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742891		<10	100	<10	107	0.005	0.0496	0.041			
H742892		<10	102	<10	109	0.004	0.0465	0.036			
H742893		<10	99	<10	108	0.005	0.0587	0.055			
H742894		<10	96	<10	105	0.003	0.0306	0.023			
H742895		<10	98	<10	112	0.006	0.0529	0.043			
H742896		<10	95	<10	127	0.004	0.0430	0.033			
H742897		<10	90	<10	107	0.004	0.0435	0.032			
H742898		<10	85	<10	100	0.015	0.165	0.138			
H742899		<10	89	<10	104	0.007	0.0830	0.070			
H742900		<10	86	<10	103	0.007	0.0780	0.070			

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

Finalized Date: 2-OCT-2009
Account: MGMAM

CERTIFICATE TB09099614

Project: SD09-182 BL

P.O. No.:

This report is for 86 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 2-OCT-2009
Account: MGMAM

Project: SD09-182 BL

CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H742978		4.24	<0.5	7.55	6	760	1.4	2	0.50	<0.5	15	91	15	3.20	10	2.28
H742979		4.34	<0.5	7.23	20	730	1.7	<2	0.49	<0.5	15	94	7	3.55	20	2.61
H742980		1.54	<0.5	6.79	90	440	1.8	3	1.70	0.5	26	131	56	5.69	20	1.44
H742981		4.20	<0.5	6.32	87	380	2.2	3	0.97	<0.5	27	118	283	4.70	20	1.53
H742982		4.08	<0.5	6.79	15	520	1.5	4	1.61	<0.5	25	118	63	5.05	20	1.29
H742983		4.18	<0.5	7.14	13	450	1.6	5	0.80	<0.5	27	111	13	6.05	20	1.20
H742983 CRD		<0.02	<0.5	7.19	11	450	1.6	<2	0.78	<0.5	29	111	14	6.09	20	1.20
H742984		4.12	<0.5	6.85	10	610	1.6	<2	1.70	<0.5	23	50	3	5.77	20	1.61
H742985		4.12	<0.5	7.32	5	620	1.9	2	1.81	<0.5	23	29	4	6.12	20	1.61
H742986		4.11	<0.5	6.94	8	1330	1.7	3	2.31	<0.5	17	21	4	5.93	20	1.29
H742987		4.32	<0.5	7.41	31	660	1.6	<2	2.89	<0.5	29	28	58	7.10	20	1.27
H742988		4.23	<0.5	7.06	14	620	1.9	3	1.79	<0.5	18	21	17	5.52	20	1.69
H742989		3.59	<0.5	6.59	32	990	1.6	3	0.95	<0.5	23	19	1	6.26	20	1.21
H742990		0.11	0.9	8.68	<5	70	<0.5	5	6.62	0.6	101	426	3460	6.25	10	0.39
H742991		3.69	<0.5	6.83	8	740	1.6	4	2.37	<0.5	32	49	44	7.29	20	0.95
H742992		1.61	<0.5	4.78	40	460	1.9	3	4.23	1.0	86	253	588	9.32	20	0.10
H742993		1.60	2.1	3.09	128	90	0.9	5	5.22	1.6	110	853	1820	9.52	10	0.10
H742994		1.96	<0.5	2.75	11	100	0.7	4	5.43	0.5	94	1060	216	8.85	10	0.26
H742995		2.32	<0.5	2.46	17	100	0.6	6	4.86	0.7	105	1400	500	9.36	10	0.27
H742996		2.28	<0.5	2.80	24	100	0.7	2	4.92	0.5	103	1220	1080	9.28	10	0.29
H742997		4.45	<0.5	2.91	19	110	0.7	6	4.26	<0.5	111	1520	422	9.86	10	0.25
H742998		4.62	<0.5	2.21	<5	110	0.5	3	3.40	0.6	121	2000	249	10.05	10	0.25
H742999		4.58	<0.5	2.55	17	100	0.6	3	4.35	0.5	111	1780	166	9.61	10	0.22
H743000		0.09	<0.5	6.50	<5	900	1.0	<2	1.28	<0.5	3	28	16	1.56	10	2.11
H743501		4.89	<0.5	2.07	<5	120	0.5	8	3.00	<0.5	123	2070	169	9.93	10	0.26
H743502		4.79	<0.5	2.15	9	110	0.5	5	2.94	<0.5	126	2110	184	10.00	10	0.26
H743503		4.96	<0.5	1.92	27	100	0.5	2	2.71	<0.5	127	2300	130	10.10	10	0.24
H743503 CRD		<0.02	<0.5	1.90	27	100	<0.5	6	2.65	<0.5	126	2310	128	9.89	10	0.24
H743504		4.85	<0.5	1.81	<5	120	<0.5	4	2.31	0.6	133	2390	126	10.10	10	0.26
H743505		4.84	<0.5	1.81	11	90	<0.5	5	2.21	0.5	133	2390	116	10.05	10	0.26
H743506		4.81	<0.5	1.69	<5	90	<0.5	2	2.18	<0.5	135	2500	133	10.15	10	0.24
H743507		4.80	<0.5	1.75	<5	80	<0.5	4	2.15	<0.5	140	2590	165	10.40	10	0.26
H743508		4.96	<0.5	1.69	<5	90	<0.5	6	2.18	0.6	138	2760	160	10.35	10	0.24
H743509		4.99	<0.5	1.75	<5	90	<0.5	3	2.11	<0.5	137	2540	80	10.25	10	0.26
H743510		0.11	<0.5	7.03	<5	60	<0.5	<2	4.82	0.6	76	3460	673	6.45	10	0.16
H743511		4.88	<0.5	1.73	16	80	<0.5	4	2.07	<0.5	137	2750	198	10.30	10	0.25
H743512		4.80	<0.5	1.63	<5	70	<0.5	4	2.02	<0.5	138	2840	161	10.25	10	0.22
H743513		4.70	<0.5	1.70	<5	80	<0.5	4	1.88	0.5	140	2830	127	10.35	10	0.24
H743514		2.55	<0.5	1.59	18	80	<0.5	5	1.92	<0.5	137	2940	85	10.30	10	0.21
H743515		2.23	<0.5	1.67	25	90	<0.5	4	1.93	<0.5	139	2990	159	10.30	10	0.25

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

Finalized Date: 2-OCT-2009
Account: MGMAM

Project: SD09-182 BL

CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H742978		20	1.70	479	1	2.74	55	660	<2	0.27	<5	11	189	<20	0.29	<10
H742979		20	1.84	558	<1	2.10	52	650	2	0.64	<5	9	157	<20	0.26	<10
H742980		30	3.18	595	1	1.57	98	810	5	3.01	<5	14	108	<20	0.59	<10
H742981		30	2.89	514	3	1.46	118	860	<2	2.17	<5	14	95	<20	0.56	<10
H742982		30	3.61	762	2	2.22	59	910	<2	1.08	<5	17	112	<20	0.70	<10
H742983		30	4.11	780	1	2.11	41	990	<2	0.64	<5	20	94	<20	0.79	<10
H742983 CRD		30	4.13	785	1	2.13	42	1010	<2	0.62	<5	20	94	<20	0.79	<10
H742984		30	3.15	721	<1	2.25	25	1030	<2	0.44	<5	18	136	<20	0.89	<10
H742985		40	3.43	823	1	2.10	16	1260	2	0.34	<5	17	142	<20	0.93	<10
H742986		40	2.32	665	<1	2.93	6	1610	2	0.20	<5	15	171	<20	1.09	<10
H742987		30	2.62	806	1	3.06	19	1160	<2	0.60	<5	18	192	<20	1.25	<10
H742988		30	2.36	600	<1	2.40	10	1050	<2	0.46	<5	13	145	<20	0.94	<10
H742989		40	3.54	595	<1	1.92	8	1430	<2	0.87	<5	14	109	<20	1.08	<10
H742990		10	6.04	786	1	1.10	3030	90	3	1.59	<5	15	81	<20	0.12	<10
H742991		30	3.44	847	<1	2.47	37	1040	<2	0.38	<5	18	148	<20	1.11	<10
H742992		30	8.07	2440	1	1.27	259	950	68	0.87	<5	25	162	<20	1.07	<10
H742993		20	10.30	1780	<1	0.37	1010	700	339	0.93	<5	24	100	<20	0.78	<10
H742994		20	11.75	1485	<1	0.28	642	690	15	0.11	<5	25	149	<20	0.67	<10
H742995		20	12.85	1380	<1	0.37	817	650	4	0.34	<5	24	216	<20	0.66	<10
H742996		20	12.25	1430	<1	0.44	1000	540	11	0.47	<5	24	187	<20	0.67	<10
H742997		20	13.55	1470	<1	0.61	860	620	4	0.21	<5	20	244	<20	0.72	10
H742998		20	15.15	1435	<1	0.31	990	520	4	0.17	<5	16	272	<20	0.57	<10
H742999		20	14.50	1425	<1	0.32	900	570	5	0.51	<5	17	251	<20	0.60	<10
H743000		20	0.23	561	<1	2.69	5	180	7	<0.01	<5	5	172	<20	0.12	<10
H743501		20	15.85	1425	<1	0.33	1000	500	4	0.11	<5	15	258	<20	0.54	<10
H743502		20	16.25	1420	<1	0.45	1090	480	2	0.25	<5	14	293	<20	0.54	<10
H743503		20	16.80	1430	<1	0.36	1140	430	<2	0.34	<5	13	263	<20	0.49	<10
H743503 CRD		20	16.45	1400	<1	0.36	1080	430	<2	0.34	<5	13	259	<20	0.48	<10
H743504		20	17.30	1420	<1	0.38	1200	420	<2	0.18	<5	12	243	<20	0.47	<10
H743505		20	17.20	1420	<1	0.38	1160	420	<2	0.18	<5	11	237	<20	0.46	<10
H743506		20	17.55	1430	1	0.38	1190	390	3	0.13	<5	12	216	<20	0.44	<10
H743507		20	18.15	1450	<1	0.45	1230	420	<2	0.04	<5	12	217	<20	0.46	<10
H743508		20	18.10	1445	1	0.42	1220	410	2	0.06	<5	12	204	<20	0.46	<10
H743509		20	18.15	1435	<1	0.42	1170	420	2	0.15	<5	11	225	<20	0.45	<10
H743510		10	10.05	1120	1	0.78	1440	150	5	0.33	7	20	183	<20	0.12	<10
H743511		20	18.20	1440	<1	0.40	1260	410	<2	0.31	<5	11	236	<20	0.44	<10
H743512		20	18.00	1425	<1	0.42	1260	400	<2	0.13	<5	11	201	<20	0.44	<10
H743513		20	18.55	1440	<1	0.50	1290	410	<2	0.10	<5	10	203	<20	0.42	<10
H743514		20	18.35	1460	<1	0.39	1270	380	3	0.34	<5	10	208	<20	0.40	<10
H743515		20	18.45	1455	<1	0.37	1260	400	<2	0.57	<5	10	224	<20	0.41	<10

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

Finalized Date: 2-OCT-2009
Account: MGMAM

Project: SD09-182 BL

CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H742978		10	90	<10	50	0.001	0.0021	0.002			
H742979		10	81	<10	50	0.002	0.0170	0.010			
H742980		<10	136	10	53	0.008	0.0966	0.085			
H742981		<10	132	<10	51	0.009	0.0621	0.033			
H742982		<10	172	<10	74	0.002	0.0192	0.010			
H742983		<10	191	<10	74	0.002	0.0089	0.005			
H742983 CRD		<10	192	<10	74	0.002	0.0114	0.005			
H742984		<10	196	<10	60	0.001	0.0054	0.002			
H742985		<10	179	<10	55	<0.001	0.0028	0.001			
H742986		<10	155	<10	46	<0.001	0.0010	0.001			
H742987		<10	219	<10	62	<0.001	0.0018	0.001			
H742988		<10	168	<10	48	0.002	0.0005	<0.001			
H742989		<10	173	10	52	<0.001	0.0035	0.003			
H742990		<10	78	<10	67	0.054	0.1900	0.683			
H742991		<10	228	<10	74	<0.001	0.0045	0.004			
H742992		<10	189	<10	295	0.005	0.0080	0.004			
H742993		<10	182	<10	473	0.059	0.389	0.292			
H742994		<10	156	<10	98	0.004	0.0689	0.062			
H742995		<10	149	<10	97	0.012	0.0964	0.083			
H742996		<10	152	<10	100	0.027	0.1920	0.172			
H742997		<10	152	<10	113	0.007	0.0822	0.060			
H742998		<10	136	<10	108	0.005	0.0754	0.065			
H742999		<10	135	<10	104	0.003	0.0449	0.037			
H743000		10	16	<10	28	<0.001	0.0008	<0.001			
H743501		<10	126	<10	106	0.003	0.0487	0.042			
H743502		<10	124	<10	105	0.004	0.0569	0.050			
H743503		<10	116	<10	107	0.003	0.0475	0.037			
H743503 CRD		<10	114	<10	105	0.003	0.0473	0.038			
H743504		<10	109	<10	105	0.004	0.0561	0.046			
H743505		<10	108	<10	103	0.003	0.0475	0.038			
H743506		<10	106	<10	103	0.003	0.0616	0.053			
H743507		<10	109	<10	106	0.004	0.0511	0.047			
H743508		<10	108	<10	103	0.004	0.0575	0.043			
H743509		<10	108	<10	104	0.005	0.0220	0.018			
H743510		<10	114	<10	293	0.115	>1.00	0.587	0.12	1.21	0.56
H743511		<10	106	<10	104	0.005	0.0882	0.074			
H743512		<10	106	<10	104	0.004	0.0576	0.054			
H743513		<10	99	<10	104	0.002	0.0547	0.045			
H743514		<10	97	<10	102	0.001	0.0265	0.017			
H743515		<10	102	<10	104	0.003	0.0526	0.050			

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

Finalized Date: 2-OCT-2009
Account: MGMAM

Project: SD09-182 BL

CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743516		2.42	<0.5	1.64	32	80	<0.5	5	1.90	<0.5	137	2980	94	10.20	10	0.21
H743517		2.41	<0.5	1.62	25	100	<0.5	4	1.85	0.6	139	2980	185	10.15	10	0.22
H743518		4.85	<0.5	1.69	<5	80	<0.5	3	1.84	<0.5	144	2950	238	10.35	10	0.24
H743519		4.82	<0.5	1.60	<5	70	<0.5	3	1.82	<0.5	141	2990	239	9.96	10	0.23
H743520		2.29	<0.5	1.61	8	70	<0.5	5	1.85	<0.5	144	3060	110	10.40	10	0.24
H743521		4.79	<0.5	1.61	8	90	<0.5	5	1.92	<0.5	143	3060	169	10.65	10	0.23
H743522		2.35	<0.5	1.53	15	100	<0.5	<2	1.84	<0.5	141	2930	87	10.45	10	0.25
H743523		2.38	<0.5	1.43	11	70	<0.5	2	1.67	<0.5	146	2960	87	11.15	10	0.30
H743523 CRD		<0.02	<0.5	1.37	14	70	<0.5	3	1.59	0.5	139	2870	89	10.55	10	0.28
H743524		2.39	<0.5	1.52	11	90	<0.5	<2	1.70	<0.5	144	2840	195	10.50	10	0.22
H743525		2.41	<0.5	1.51	27	120	<0.5	5	1.80	<0.5	141	3110	96	10.40	10	0.20
H743526		2.48	<0.5	1.57	57	70	<0.5	3	1.99	0.5	146	3340	206	10.45	10	0.17
H743527		2.47	<0.5	1.48	7	70	<0.5	4	1.49	<0.5	144	3200	259	10.25	10	0.24
H743528		2.43	<0.5	1.41	12	70	<0.5	2	1.53	0.5	145	3260	351	10.25	10	0.20
H743529		2.48	<0.5	1.41	<5	70	<0.5	3	1.45	<0.5	145	3250	97	10.20	10	0.22
H743530		0.11	0.9	8.39	7	70	<0.5	5	6.51	0.6	101	459	3440	6.19	10	0.39
H743531		2.44	<0.5	1.48	<5	80	<0.5	3	1.17	<0.5	143	3040	114	10.40	10	0.31
H743532		2.38	<0.5	1.47	14	70	<0.5	3	1.19	<0.5	145	3070	69	10.25	10	0.31
H743533		2.44	<0.5	1.41	11	70	<0.5	<2	1.45	<0.5	143	2900	57	9.89	10	0.21
H743534		2.38	<0.5	1.46	78	120	<0.5	5	1.59	<0.5	146	2960	179	10.35	10	0.19
H743535		2.55	<0.5	1.43	10	60	<0.5	6	1.54	<0.5	147	2990	228	10.35	10	0.24
H743536		2.49	<0.5	1.40	16	70	<0.5	4	1.58	<0.5	142	3010	69	10.30	10	0.23
H743537		2.37	<0.5	1.42	<5	50	<0.5	3	1.57	<0.5	145	3110	111	10.25	10	0.23
H743538		2.37	<0.5	1.40	5	50	<0.5	3	1.53	0.5	142	3100	70	10.05	10	0.23
H743539		2.35	<0.5	1.42	19	80	<0.5	4	1.50	<0.5	141	3180	64	9.80	10	0.20
H743540		0.09	<0.5	6.26	<5	900	1.0	<2	1.24	<0.5	2	39	16	1.53	10	2.12
H743541		2.44	<0.5	1.44	7	80	<0.5	7	1.26	<0.5	139	3100	110	9.90	10	0.32
H743542		2.37	<0.5	1.50	13	70	<0.5	<2	1.36	<0.5	144	3160	137	9.93	10	0.26
H743543		2.48	<0.5	1.45	<5	90	<0.5	4	1.46	<0.5	143	3160	143	10.40	10	0.26
H743543 CRD		<0.02	<0.5	1.44	7	80	<0.5	3	1.44	<0.5	143	3160	123	10.30	10	0.27
H743544		2.70	<0.5	1.41	<5	70	<0.5	<2	1.51	<0.5	140	3220	221	10.00	10	0.21
H743545		2.43	<0.5	1.40	<5	70	<0.5	4	1.54	<0.5	145	3380	298	10.10	10	0.19
H743546		2.49	<0.5	1.45	14	80	<0.5	<2	1.67	<0.5	145	3240	123	10.25	10	0.21
H743547		2.42	<0.5	1.51	<5	70	<0.5	4	1.68	0.5	148	3210	113	10.35	10	0.22
H743548		2.42	<0.5	1.53	14	70	<0.5	2	1.79	0.6	143	3250	110	10.20	10	0.21
H743549		4.79	<0.5	1.57	<5	80	<0.5	5	1.69	<0.5	144	3300	215	10.25	10	0.25
H743550		0.11	<0.5	6.87	5	60	<0.5	5	4.74	<0.5	75	3260	674	6.27	10	0.16
H743551		4.95	<0.5	1.53	5	70	<0.5	5	1.69	<0.5	147	3370	128	10.15	10	0.20
H743552		4.92	<0.5	1.52	<5	80	<0.5	4	1.69	<0.5	144	3550	132	9.94	10	0.19
H743553		5.35	<0.5	1.54	<5	80	<0.5	3	1.66	<0.5	139	3610	120	9.84	10	0.20

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THUNDER BAY ON P7B 6V1

Finalized Date: 2-OCT-2009
Account: MGMAM

Project: SD09-182 BL

CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743516		20	18.40	1445	<1	0.37	1270	400	3	0.82	<5	10	212	<20	0.39	<10
H743517		20	18.40	1435	<1	0.35	1290	400	<2	0.69	<5	10	216	<20	0.40	<10
H743518		20	18.80	1435	<1	0.46	1320	400	2	0.14	<5	10	199	<20	0.42	<10
H743519		20	18.35	1395	<1	0.42	1310	400	<2	0.12	<5	10	191	<20	0.41	<10
H743520		20	18.75	1460	<1	0.36	1270	400	2	0.25	<5	10	188	<20	0.41	<10
H743521		20	19.25	1490	<1	0.36	1300	400	2	0.38	<5	11	201	<20	0.39	<10
H743522		20	18.90	1460	<1	0.29	1280	370	<2	0.71	<5	10	194	<20	0.34	<10
H743523		20	19.50	1590	<1	0.29	1340	380	<2	0.59	<5	10	159	<20	0.30	<10
H743523 CRD		20	18.35	1505	<1	0.28	1300	360	3	0.56	<5	9	151	<20	0.28	<10
H743524		20	19.15	1465	<1	0.30	1370	380	<2	0.73	<5	10	194	<20	0.33	<10
H743525		20	18.90	1460	<1	0.28	1330	370	2	0.95	<5	9	195	<20	0.32	<10
H743526		20	19.10	1475	<1	0.25	1380	380	<2	1.48	5	9	225	<20	0.33	<10
H743527		20	18.95	1430	<1	0.32	1350	360	<2	0.32	<5	9	171	<20	0.35	<10
H743528		20	18.80	1425	<1	0.28	1400	340	2	0.74	<5	9	175	<20	0.33	<10
H743529		20	19.00	1425	<1	0.30	1280	340	2	0.18	<5	9	161	<20	0.33	<10
H743530		10	5.93	783	1	1.08	3180	90	4	1.59	5	15	82	<20	0.12	<10
H743531		20	18.75	1490	<1	0.32	1260	380	<2	0.25	<5	7	169	<20	0.29	<10
H743532		20	19.30	1450	<1	0.26	1300	390	<2	0.78	<5	7	183	<20	0.27	<10
H743533		20	18.85	1375	<1	0.24	1290	340	<2	1.03	<5	8	173	<20	0.29	<10
H743534		20	19.35	1455	<1	0.21	1350	350	<2	1.87	<5	9	186	<20	0.29	<10
H743535		20	19.30	1435	<1	0.27	1330	350	2	0.73	<5	9	168	<20	0.31	<10
H743536		20	19.25	1430	<1	0.26	1240	340	<2	0.79	<5	9	165	<20	0.30	<10
H743537		20	19.40	1435	<1	0.26	1360	340	2	0.63	<5	9	169	<20	0.31	<10
H743538		20	19.10	1400	<1	0.25	1290	350	2	0.58	<5	9	175	<20	0.31	<10
H743539		20	18.80	1380	<1	0.22	1280	340	2	1.17	<5	9	173	<20	0.29	<10
H743540		10	0.22	555	<1	2.67	5	180	7	<0.01	<5	5	169	<20	0.12	<10
H743541		20	18.85	1395	<1	0.28	1340	380	2	0.51	<5	8	159	<20	0.28	<10
H743542		20	19.20	1380	<1	0.29	1370	370	2	0.68	<5	8	175	<20	0.31	<10
H743543		20	19.40	1480	<1	0.30	1360	370	2	0.22	<5	9	162	<20	0.32	<10
H743543 CRD		20	19.35	1475	<1	0.30	1330	370	3	0.22	<5	9	162	<20	0.31	<10
H743544		20	19.15	1390	1	0.30	1410	350	<2	0.10	<5	9	156	<20	0.32	<10
H743545		20	19.15	1400	<1	0.33	1410	340	3	0.12	<5	9	162	<20	0.34	<10
H743546		20	19.50	1435	<1	0.28	1380	360	2	0.75	<5	10	170	<20	0.33	<10
H743547		20	19.70	1445	<1	0.31	1470	350	2	0.34	<5	9	192	<20	0.34	<10
H743548		20	19.40	1435	<1	0.27	1320	360	<2	0.60	<5	9	213	<20	0.34	<10
H743549		20	19.60	1435	<1	0.32	1410	390	2	0.29	<5	10	181	<20	0.36	<10
H743550		10	10.00	1105	1	0.79	1450	150	7	0.32	11	20	185	<20	0.11	<10
H743551		20	19.60	1405	<1	0.36	1430	350	<2	0.13	<5	10	177	<20	0.37	<10
H743552		20	19.55	1385	1	0.38	1450	370	2	0.09	<5	10	173	<20	0.38	10
H743553		20	19.25	1375	<1	0.33	1390	360	2	0.19	<5	10	177	<20	0.36	<10

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

Finalized Date: 2-OCT-2009
Account: MGMAM

Project: SD09-182 BL

CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743516		<10	100	<10	102	0.001	0.0283	0.024			
H743517		<10	99	<10	104	0.004	0.0683	0.058			
H743518		<10	101	<10	102	0.005	0.0915	0.078			
H743519		<10	100	<10	103	0.007	0.0909	0.084			
H743520		<10	99	<10	110	0.003	0.0520	0.040			
H743521		<10	98	<10	107	0.005	0.0718	0.058			
H743522		<10	94	<10	105	0.002	0.0472	0.039			
H743523		<10	83	<10	117	0.001	0.0497	0.039			
H743523 CRD		<10	80	<10	112	0.005	0.0464	0.038			
H743524		<10	88	<10	106	0.006	0.0937	0.088			
H743525		<10	82	<10	102	0.002	0.0497	0.046			
H743526		<10	89	<10	100	0.005	0.0707	0.061			
H743527		<10	89	<10	101	0.006	0.1035	0.089			
H743528		<10	86	<10	101	0.012	0.1525	0.131			
H743529		<10	88	<10	100	0.002	0.0380	0.025			
H743530		10	77	<10	67	0.058	0.204	0.737			
H743531		<10	72	<10	111	0.005	0.0777	0.066			
H743532		<10	65	<10	104	0.006	0.0538	0.048			
H743533		<10	80	<10	96	0.003	0.0244	0.019			
H743534		<10	86	<10	100	0.007	0.0632	0.051			
H743535		<10	84	<10	102	0.010	0.0743	0.064			
H743536		<10	84	<10	102	0.004	0.0262	0.018			
H743537		<10	84	<10	102	0.006	0.0466	0.037			
H743538		<10	82	<10	99	0.004	0.0317	0.026			
H743539		<10	81	<10	97	0.004	0.0333	0.022			
H743540		10	15	<10	27	0.003	0.0006	<0.001			
H743541		<10	72	<10	102	0.006	0.0556	0.046			
H743542		<10	82	<10	99	0.008	0.0604	0.049			
H743543		<10	81	<10	104	0.007	0.0647	0.058			
H743543 CRD		<10	79	<10	105	0.006	0.0586	0.048			
H743544		<10	83	<10	97	0.009	0.0889	0.079			
H743545		<10	87	<10	101	0.011	0.108	0.089			
H743546		<10	88	<10	104	0.006	0.0460	0.039			
H743547		<10	89	<10	102	0.006	0.0526	0.040			
H743548		<10	89	<10	102	0.006	0.0684	0.058			
H743549		<10	93	<10	102	0.010	0.0949	0.080			
H743550		<10	112	<10	290	0.129	>1.00	0.582	0.11	1.24	0.58
H743551		<10	93	<10	100	0.006	0.0646	0.050			
H743552		<10	96	<10	101	0.007	0.0801	0.067			
H743553		<10	93	<10	99	0.006	0.0783	0.062			

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

Finalized Date: 2-OCT-2009
Account: MGMAM

Project: SD09-182 BL

CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743554		4.95	<0.5	1.57	18	80	<0.5	3	1.85	<0.5	141	3780	239	9.94	10	0.19
H743555		4.92	<0.5	1.52	7	80	<0.5	5	1.73	0.6	141	4310	255	10.15	10	0.18
H743556		5.16	<0.5	1.42	8	70	<0.5	<2	1.67	<0.5	145	3810	171	10.20	10	0.20
H743557		5.18	<0.5	1.51	<5	70	<0.5	2	1.64	<0.5	144	3530	153	10.20	10	0.20
H743558		5.09	<0.5	1.63	<5	70	<0.5	<2	1.77	<0.5	150	3570	133	10.90	10	0.22
H743559		5.32	<0.5	1.65	<5	80	<0.5	4	1.78	<0.5	150	3310	144	10.65	10	0.21

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CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743554		20	19.30	1390	<1	0.35	1520	360	2	0.53	<5	10	236	<20	0.36	<10
H743555		20	19.50	1400	<1	0.28	1570	360	<2	0.44	<5	10	174	<20	0.34	<10
H743556		20	19.65	1420	<1	0.33	1510	350	2	0.16	<5	8	172	<20	0.35	<10
H743557		20	19.30	1415	<1	0.39	1470	360	2	0.08	<5	10	171	<20	0.38	<10
H743558		20	20.4	1510	<1	0.38	1560	380	2	0.10	<5	10	184	<20	0.41	<10
H743559		20	19.85	1465	<1	0.42	1470	380	<2	0.08	<5	10	195	<20	0.41	<10

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CERTIFICATE OF ANALYSIS TB09099614

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H743554		<10	98	<10	101	0.009	0.0929	0.074			
H743555		<10	99	<10	107	0.010	0.118	0.089			
H743556		<10	95	<10	104	0.007	0.0903	0.067			
H743557		<10	95	<10	104	0.006	0.0751	0.056			
H743558		<10	100	<10	107	0.005	0.0604	0.045			
H743559		<10	99	<10	104	0.006	0.0719	0.056			

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

Finalized Date: 3-OCT-2009
Account: MGMAM

CERTIFICATE TB09099616

Project: SD09-183 BL

P.O. No.:

This report is for 40 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 14-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 3-OCT-2009
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Project: SD09-183 BL

CERTIFICATE OF ANALYSIS TB09099616

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168245		1.31	<0.5	6.18	100	400	1.5	<2	1.88	<0.5	28	163	60	5.88	20	1.05
G168246		2.10	<0.5	1.62	11	80	<0.5	<2	1.87	<0.5	140	3000	101	10.20	10	0.22
G168247		2.26	<0.5	1.53	20	80	<0.5	<2	1.78	<0.5	138	2990	154	9.73	<10	0.18
H743560		2.37	<0.5	1.66	18	120	<0.5	<2	1.96	<0.5	154	3300	183	10.75	<10	0.20
H743561		5.19	<0.5	1.67	20	90	<0.5	<2	2.00	<0.5	153	3350	129	10.85	<10	0.20
H743562		5.21	<0.5	1.72	6	110	<0.5	<2	1.98	<0.5	158	3610	209	11.15	<10	0.21
H743563		5.04	<0.5	1.68	12	90	<0.5	<2	1.92	<0.5	155	3720	265	11.15	<10	0.19
H743563 CRD		<0.02	<0.5	1.60	<5	70	<0.5	<2	1.83	<0.5	148	3460	253	10.65	10	0.18
H743564		5.12	<0.5	1.68	<5	80	<0.5	<2	1.89	0.5	152	3470	137	11.05	<10	0.20
H743565		4.73	<0.5	1.63	31	80	<0.5	<2	2.11	<0.5	146	3140	241	10.60	10	0.19
H743566		4.94	<0.5	1.62	<5	90	<0.5	<2	1.90	<0.5	142	2970	160	10.25	<10	0.20
H743567		5.18	<0.5	1.77	6	90	<0.5	<2	1.93	<0.5	149	2960	157	10.70	<10	0.21
H743568		2.44	<0.5	1.76	91	80	<0.5	<2	2.31	<0.5	148	3210	236	10.60	10	0.17
H743569		2.62	<0.5	1.71	20	90	<0.5	<2	1.97	<0.5	143	3170	111	10.45	10	0.21
H743570		0.11	0.9	8.93	10	70	<0.5	<2	6.84	<0.5	106	482	3560	6.48	10	0.38
H743571		5.17	<0.5	1.94	6	90	<0.5	<2	2.12	<0.5	153	3400	178	11.00	<10	0.23
H743572		5.23	<0.5	1.80	<5	90	<0.5	<2	1.96	<0.5	146	3160	245	10.25	10	0.27
H743573		4.94	<0.5	1.85	44	100	<0.5	<2	2.24	0.5	143	3110	282	10.10	10	0.23
H743574		5.01	<0.5	1.65	<5	90	<0.5	<2	2.09	<0.5	142	3230	247	10.05	10	0.23
H743575		5.17	<0.5	1.95	<5	100	<0.5	<2	2.22	<0.5	140	3230	229	10.05	10	0.22
H743576		5.06	<0.5	1.86	11	100	<0.5	<2	2.34	<0.5	144	3260	353	10.30	10	0.23
H743577		5.16	<0.5	1.83	<5	100	<0.5	<2	2.32	<0.5	144	3350	806	10.25	10	0.23
H743578		5.20	<0.5	1.98	<5	100	0.5	<2	2.38	<0.5	137	3340	285	9.85	10	0.25
H743579		5.39	<0.5	2.21	<5	110	0.5	<2	2.62	<0.5	135	3430	210	9.99	10	0.24
H743580		0.09	<0.5	6.26	<5	940	1.0	<2	1.29	<0.5	2	34	16	1.55	10	2.13
H743581		5.09	<0.5	2.04	<5	100	<0.5	<2	2.76	<0.5	132	3280	305	9.83	10	0.24
H743582		4.93	<0.5	2.54	<5	110	0.5	<2	2.98	<0.5	129	3370	545	9.90	10	0.25
H743583		2.53	0.6	2.67	<5	130	0.6	<2	2.99	0.5	133	3000	1185	9.88	10	0.28
H743583 CRD		<0.02	0.6	2.74	5	130	0.6	<2	3.07	<0.5	136	3090	1195	10.15	10	0.29
H743584		4.99	<0.5	2.91	5	130	0.6	<2	3.15	<0.5	134	2570	581	10.25	10	0.31
H743585		4.86	<0.5	3.07	10	130	0.6	<2	3.39	<0.5	131	2610	319	10.40	10	0.35
H743586		4.99	<0.5	3.09	<5	130	0.6	<2	3.33	<0.5	128	2450	548	10.10	10	0.34
H743587		4.81	1.2	3.13	<5	120	0.6	<2	3.35	<0.5	132	2430	1825	10.10	10	0.33
H743588		4.97	<0.5	3.59	<5	170	0.7	<2	3.82	<0.5	108	2270	206	9.54	10	0.50
H743589		2.42	<0.5	4.14	6	260	0.8	<2	4.21	<0.5	97	1765	312	9.39	10	0.74
H743590		0.11	<0.5	6.80	<5	60	<0.5	<2	4.86	<0.5	78	3630	677	6.18	10	0.16
H743591		1.72	<0.5	4.56	5	120	1.3	<2	4.61	<0.5	92	1530	372	9.24	10	0.44
H743592		0.75	<0.5	7.02	8	330	4.7	<2	3.36	<0.5	38	241	80	6.57	20	0.99
H743593		4.03	<0.5	7.56	<5	840	3.0	<2	0.77	<0.5	24	144	59	4.43	20	2.49
H743594		4.07	<0.5	7.78	<5	780	2.1	<2	1.06	<0.5	18	111	41	3.82	20	1.91

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THUNDER BAY ON P7B 6V1

Finalized Date: 3-OCT-2009
Account: MGMAM

Project: SD09-183 BL

CERTIFICATE OF ANALYSIS TB09099616

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168245		20	2.92	617	<1	1.64	120	880	5	3.76	<5	14	114	<20	0.63	10
G168246		10	17.15	1485	<1	0.34	1280	440	<2	0.24	<5	10	194	<20	0.40	<10
G168247		10	17.30	1395	<1	0.32	1355	410	<2	0.31	<5	9	190	<20	0.36	10
H743560		10	18.90	1545	<1	0.35	1500	420	<2	0.31	<5	10	215	<20	0.39	10
H743561		10	19.00	1555	<1	0.38	1510	440	<2	0.20	<5	10	213	<20	0.43	10
H743562		10	19.40	1590	<1	0.38	1585	460	<2	0.12	<5	11	210	<20	0.45	<10
H743563		10	19.10	1575	<1	0.34	1595	430	<2	0.09	<5	11	201	<20	0.44	10
H743563 CRD		10	18.20	1500	<1	0.33	1525	430	<2	0.09	<5	10	189	<20	0.42	10
H743564		10	18.65	1565	<1	0.38	1490	430	<2	0.06	<5	10	205	<20	0.44	<10
H743565		10	17.75	1540	<1	0.32	1410	430	6	0.40	<5	10	229	<20	0.41	<10
H743566		10	17.35	1465	<1	0.41	1340	410	2	0.09	<5	10	199	<20	0.41	10
H743567		10	18.10	1520	<1	0.44	1390	470	<2	0.13	<5	10	219	<20	0.44	<10
H743568		10	17.90	1505	<1	0.37	1450	460	<2	1.16	<5	10	250	<20	0.39	<10
H743569		10	17.80	1490	<1	0.37	1385	470	<2	0.41	<5	11	212	<20	0.42	<10
H743570		<10	6.10	863	<1	1.10	3220	100	8	1.67	6	16	88	<20	0.12	<10
H743571		10	18.70	1560	<1	0.49	1510	470	<2	0.19	<5	11	244	<20	0.46	10
H743572		10	18.50	1455	<1	0.48	1370	480	2	0.14	<5	11	215	<20	0.46	<10
H743573		10	18.05	1465	<1	0.44	1360	450	6	0.61	<5	11	239	<20	0.43	<10
H743574		10	18.15	1435	<1	0.50	1335	450	<2	0.26	<5	8	229	<20	0.45	<10
H743575		10	18.10	1435	<1	0.59	1395	490	<2	0.16	<5	12	234	<20	0.49	<10
H743576		10	18.30	1465	<1	0.56	1445	490	3	0.30	<5	10	258	<20	0.48	<10
H743577		10	17.75	1430	<1	0.62	1620	520	3	0.20	<5	10	229	<20	0.52	<10
H743578		10	17.30	1405	<1	0.58	1325	520	<2	0.15	<5	12	235	<20	0.52	<10
H743579		10	17.25	1420	<1	0.63	1340	470	2	0.06	<5	13	265	<20	0.57	<10
H743580		10	0.22	584	<1	2.65	5	190	7	<0.01	<5	5	173	<20	0.12	<10
H743581		10	16.70	1410	<1	0.59	1345	580	3	0.07	<5	11	288	<20	0.61	<10
H743582		20	16.10	1400	<1	0.57	1380	610	2	0.12	<5	14	317	<20	0.67	<10
H743583		20	15.30	1375	<1	0.64	1585	600	2	0.27	<5	14	313	<20	0.66	<10
H743583 CRD		20	15.65	1405	<1	0.66	1545	610	7	0.28	<5	14	321	<20	0.69	<10
H743584		20	15.55	1430	<1	0.81	1325	580	4	0.11	<5	15	329	<20	0.72	<10
H743585		20	15.50	1455	<1	0.75	1185	660	3	0.40	<5	15	351	<20	0.74	<10
H743586		20	14.65	1410	<1	0.75	1165	640	2	0.18	<5	15	358	<20	0.78	<10
H743587		20	13.30	1335	<1	0.64	1630	690	2	0.25	<5	15	327	<20	0.79	<10
H743588		20	12.70	1350	<1	0.70	888	760	4	0.22	<5	17	429	<20	0.88	<10
H743589		20	11.15	1330	<1	0.80	810	830	3	0.99	<5	18	444	<20	0.95	<10
H743590		10	9.88	1135	<1	0.78	1415	160	7	0.32	7	19	187	<20	0.12	<10
H743591		20	10.30	1635	<1	0.91	721	860	5	0.46	<5	20	302	<20	1.02	<10
H743592		30	4.05	1120	1	2.58	154	1100	4	1.76	<5	19	327	<20	0.87	<10
H743593		30	2.19	510	<1	2.73	83	1000	5	0.70	<5	12	248	<20	0.36	<10
H743594		20	1.69	519	<1	2.99	56	640	5	0.53	<5	11	287	<20	0.31	<10

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

Finalized Date: 3-OCT-2009
Account: MGMAM

Project: SD09-183 BL

CERTIFICATE OF ANALYSIS TB09099616

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
G168245		<10	134	<10	49	0.014	0.160	0.121			
G168246		<10	96	<10	102	0.005	0.0412	0.036			
G168247		<10	89	<10	95	0.008	0.0893	0.074			
H743560		<10	97	<10	106	0.008	0.0933	0.078			
H743561		<10	103	<10	107	0.005	0.0569	0.049			
H743562		<10	104	<10	110	0.008	0.0925	0.076			
H743563		<10	104	<10	108	0.010	0.121	0.101			
H743563 CRD		<10	98	<10	102	0.009	0.118	0.097			
H743564		<10	102	<10	108	0.006	0.0637	0.046			
H743565		<10	96	<10	104	0.009	0.0935	0.077			
H743566		<10	96	<10	98	0.008	0.0763	0.067			
H743567		<10	101	<10	102	0.007	0.0655	0.055			
H743568		<10	100	<10	99	0.009	0.111	0.090			
H743569		<10	101	<10	100	0.006	0.0551	0.042			
H743570		<10	78	<10	67	0.059	0.201	0.726			
H743571		<10	110	<10	109	0.008	0.0683	0.058			
H743572		<10	106	<10	104	0.009	0.108	0.092			
H743573		<10	106	<10	123	0.009	0.110	0.093			
H743574		<10	109	<10	103	0.009	0.104	0.089			
H743575		<10	113	<10	103	0.008	0.103	0.087			
H743576		<10	118	<10	105	0.011	0.131	0.117			
H743577		<10	122	<10	103	0.023	0.336	0.300			
H743578		<10	123	<10	102	0.010	0.125	0.104			
H743579		<10	132	<10	103	0.008	0.0843	0.063			
H743580		10	16	<10	29	0.002	0.0006	<0.001			
H743581		<10	137	<10	102	0.011	0.124	0.106			
H743582		<10	147	<10	103	0.016	0.226	0.193			
H743583		<10	147	<10	103	0.036	0.526	0.460			
H743583 CRD		<10	152	<10	105	0.039	0.517	0.452			
H743584		<10	157	<10	108	0.017	0.228	0.201			
H743585		<10	166	<10	108	0.009	0.111	0.097			
H743586		<10	167	<10	105	0.014	0.176	0.165			
H743587		<10	169	<10	101	0.051	0.775	0.700			
H743588		<10	188	<10	100	0.006	0.0540	0.044			
H743589		<10	201	<10	101	0.008	0.0881	0.072			
H743590		<10	115	<10	291	0.119	>1.00	0.578	0.11	1.22	0.58
H743591		<10	219	<10	122	0.010	0.101	0.086			
H743592		<10	188	<10	71	0.005	0.0200	0.017			
H743593		<10	105	<10	49	0.003	0.0022	0.002			
H743594		10	93	<10	50	0.002	0.0024	0.002			

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

Finalized Date: 10-OCT-2009
Account: MGMAM

CERTIFICATE TB09104048

Project: SD09-184 BL

P.O. No.:

This report is for 104 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 22-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
G168248		2.30	0.7	7.43	101	570	2.4	<2	2.51	<0.5	26	48	46	6.43	20	1.94
G168249		2.56	0.6	1.79	15	90	<0.5	<2	2.11	<0.5	146	3020	136	10.75	<10	0.32
G168250		0.87	0.7	3.58	<5	180	0.7	<2	3.92	<0.5	110	2210	641	10.10	10	0.45
H743595		4.16	<0.5	7.52	20	600	1.5	<2	0.48	<0.5	14	82	91	3.13	10	2.68
H743596		4.73	0.7	7.33	56	470	4.2	<2	0.36	<0.5	17	85	44	3.87	20	3.26
H743597		2.33	0.5	6.88	93	260	3.3	<2	0.49	<0.5	28	153	200	6.10	20	2.34
H743598		3.96	0.8	7.44	67	670	2.1	<2	1.66	<0.5	28	145	36	5.97	20	1.74
H743599		4.19	0.6	7.18	122	520	2.4	2	2.21	<0.5	23	29	56	6.55	20	2.00
H743600		1.97	0.6	7.33	93	550	2.4	<2	2.55	<0.5	25	39	76	6.21	20	1.91
H743601		4.32	0.9	7.48	56	580	2.7	3	2.73	<0.5	22	40	53	6.20	20	2.04
H743602		4.28	0.8	8.00	26	600	3.0	<2	2.75	<0.5	23	27	19	6.98	20	1.82
H743603		4.24	0.9	7.72	34	460	2.4	<2	2.21	0.5	19	8	39	5.86	20	1.36
H743603 CRD		<0.02	1.0	7.75	38	470	2.4	2	2.29	<0.5	22	9	38	6.00	20	1.38
H743604		3.90	0.8	7.64	13	600	2.5	<2	2.44	<0.5	17	14	1	6.79	20	1.52
H743605		4.12	0.9	6.98	23	370	2.1	<2	1.94	<0.5	22	18	3	6.70	20	1.21
H743606		4.05	1.0	7.71	20	380	2.4	<2	1.98	<0.5	23	36	1	6.84	20	1.27
H743607		4.05	1.0	8.06	18	220	2.7	<2	1.28	<0.5	24	17	3	6.87	20	0.82
H743608		4.14	0.8	6.48	<5	150	2.0	<2	1.88	0.7	21	13	1	7.22	20	0.40
H743609		3.35	0.6	7.50	17	750	1.6	<2	4.02	<0.5	51	113	128	9.63	20	0.72
H743610		0.11	1.0	8.98	<5	70	<0.5	<2	6.77	<0.5	104	458	3640	6.69	10	0.39
H743611		1.42	1.0	4.03	30	20	0.8	<2	5.39	<0.5	110	586	1555	9.92	10	0.05
H743612		3.98	2.8	2.71	115	10	0.6	<2	6.33	4.9	106	1410	356	10.30	10	0.04
H743613		4.53	0.6	2.75	22	60	0.7	<2	4.91	<0.5	107	1490	212	9.94	10	0.19
H743614		3.57	0.6	2.38	11	100	0.6	<2	3.69	<0.5	124	2160	144	10.25	10	0.25
H743615		1.28	0.7	3.56	49	10	0.8	<2	9.76	0.6	44	831	255	7.26	10	0.01
H743616		3.88	0.7	2.09	14	50	0.5	<2	3.81	<0.5	118	2130	147	9.68	10	0.17
H743617		4.19	0.5	2.12	15	170	0.5	<2	3.46	<0.5	125	2480	125	10.20	<10	0.17
H743618		4.57	0.8	1.92	15	120	<0.5	<2	2.77	<0.5	130	2590	120	10.25	<10	0.20
H743619		4.35	<0.5	2.07	17	120	0.5	<2	2.99	<0.5	137	2700	157	10.75	<10	0.24
H743620		0.09	<0.5	6.41	5	940	1.0	<2	1.31	<0.5	2	25	18	1.60	10	2.10
H743621		4.39	<0.5	2.03	19	110	0.5	<2	2.74	<0.5	135	2730	118	10.45	<10	0.25
H743622		4.21	<0.5	1.91	12	110	<0.5	<2	2.98	<0.5	142	2850	132	10.75	<10	0.21
H743623		4.34	0.5	1.84	19	140	<0.5	<2	2.47	<0.5	138	2830	116	10.45	<10	0.25
H743623 CRD		<0.02	0.7	1.86	16	140	<0.5	<2	2.48	<0.5	142	3000	122	10.70	<10	0.25
H743624		4.52	0.9	1.91	73	120	0.5	<2	2.67	<0.5	136	2820	115	10.55	<10	0.25
H743625		4.59	0.6	1.77	9	60	<0.5	<2	2.24	<0.5	142	2890	119	10.45	<10	0.33
H743626		4.58	0.6	1.83	6	100	<0.5	<2	2.28	<0.5	150	2960	179	11.05	<10	0.32
H743627		4.34	0.5	1.80	12	100	<0.5	<2	2.18	<0.5	149	3010	123	11.00	<10	0.28
H743628		4.65	0.8	1.78	<5	90	<0.5	<2	2.07	<0.5	149	2800	155	10.90	<10	0.29
H743629		4.63	0.5	1.83	16	100	<0.5	<2	2.26	<0.5	150	3020	105	11.05	<10	0.26

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

Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
G168248		30	2.70	742	<1	2.53	27	1130	9	3.35	<5	20	211	<20	0.96	<10
G168249		10	19.40	1575	<1	0.33	1290	440	7	0.15	17	11	197	<20	0.43	<10
G168250		20	13.10	1410	<1	0.77	1045	730	2	0.80	12	18	442	<20	0.82	<10
H743595		20	1.86	423	<1	1.92	47	650	<2	0.76	<5	9	190	<20	0.28	<10
H743596		10	2.70	473	1	0.13	53	710	<2	1.84	<5	10	49	<20	0.32	<10
H743597		20	4.04	342	3	0.09	139	1050	3	4.51	<5	17	42	<20	0.64	<10
H743598		30	3.67	654	1	2.10	58	1030	3	2.18	<5	21	198	<20	0.80	<10
H743599		30	2.37	629	1	2.51	18	1210	4	3.71	<5	19	216	<20	0.98	<10
H743600		30	2.55	710	<1	2.49	23	1080	<2	3.17	<5	20	204	<20	0.94	<10
H743601		30	2.30	752	1	2.58	21	1190	2	1.98	<5	20	233	<20	0.96	<10
H743602		40	2.41	751	1	3.04	13	1500	<2	1.52	<5	19	260	<20	1.13	<10
H743603		40	2.69	596	1	2.92	4	2060	4	1.94	5	15	165	<20	1.25	<10
H743603 CRD		40	2.75	605	1	3.02	5	2090	3	2.06	<5	15	169	<20	1.28	<10
H743604		40	2.58	682	1	2.79	17	1830	<2	0.78	<5	16	192	<20	1.32	<10
H743605		40	2.81	647	<1	2.28	15	1600	5	2.06	<5	15	129	<20	1.22	<10
H743606		40	3.41	716	2	2.42	20	1690	5	1.41	<5	16	131	<20	1.21	<10
H743607		50	4.56	739	1	2.32	14	1610	4	0.97	<5	16	105	<20	1.27	<10
H743608		20	3.15	688	<1	2.47	7	1110	4	0.22	<5	18	118	<20	1.26	<10
H743609		20	5.49	1390	<1	2.53	104	750	3	0.67	<5	28	417	<20	1.40	<10
H743610		10	6.31	839	<1	1.06	3130	90	<2	1.74	5	16	86	<20	0.12	<10
H743611		20	10.20	2390	<1	0.48	769	820	9	0.90	<5	28	83	<20	0.88	<10
H743612		20	12.40	2100	<1	0.13	724	590	1260	0.85	6	26	77	<20	0.75	<10
H743613		20	13.85	1725	<1	0.31	765	640	9	0.44	8	23	147	<20	0.66	<10
H743614		20	15.45	1590	<1	0.20	958	560	9	0.30	9	18	167	<20	0.59	<10
H743615		20	10.15	1590	<1	0.20	272	740	15	0.75	7	44	88	<20	0.87	<10
H743616		10	15.10	1565	<1	0.15	942	490	11	0.26	13	18	156	<20	0.54	<10
H743617		10	16.40	1520	<1	0.18	1015	500	2	0.47	15	17	259	<20	0.54	<10
H743618		10	16.85	1495	<1	0.14	1075	460	2	0.34	17	14	223	<20	0.50	<10
H743619		10	18.05	1570	<1	0.19	1160	510	4	0.36	14	14	245	<20	0.51	<10
H743620		10	0.23	589	<1	2.53	5	200	5	0.01	<5	5	173	<20	0.12	<10
H743621		10	17.60	1525	<1	0.24	1145	500	<2	0.32	18	13	222	<20	0.50	<10
H743622		10	18.55	1555	<1	0.16	1205	470	2	0.41	11	14	255	<20	0.48	<10
H743623		10	18.10	1505	<1	0.19	1185	450	7	0.35	19	12	252	<20	0.46	<10
H743623 CRD		10	18.40	1540	<1	0.19	1215	460	2	0.37	17	12	252	<20	0.48	<10
H743624		10	18.05	1420	<1	0.21	1180	480	5	0.84	17	12	263	<20	0.47	<10
H743625		10	18.40	1500	<1	0.22	1225	450	4	0.22	16	12	222	<20	0.43	<10
H743626		10	19.60	1575	<1	0.26	1325	460	3	0.28	18	12	214	<20	0.45	<10
H743627		10	19.85	1565	<1	0.26	1320	450	<2	0.39	20	12	227	<20	0.45	<10
H743628		10	19.65	1555	<1	0.31	1310	460	<2	0.21	20	11	228	<20	0.45	<10
H743629		10	19.95	1565	<1	0.32	1345	470	2	0.48	19	11	233	<20	0.45	<10

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

Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
G168248		<10	205	<10	61	0.002	0.0038	0.002			
G168249		<10	99	<10	120	0.005	0.0512	0.045			
G168250		<10	177	<10	112	0.016	0.1560	0.156			
H743595		<10	71	<10	43	0.002	0.0017	0.001			
H743596		<10	84	<10	38	0.002	0.0061	0.005			
H743597		<10	145	<10	37	0.007	0.1810	0.166			
H743598		<10	178	<10	61	0.004	0.0252	0.017			
H743599		<10	204	<10	50	0.002	0.0026	0.001			
H743600		<10	201	<10	69	0.002	0.0031	0.002			
H743601		<10	193	<10	63	0.002	0.0014	0.001			
H743602		<10	201	<10	75	0.002	0.0007	<0.001			
H743603		<10	150	<10	62	0.002	0.0007	0.001			
H743603 CRD		<10	151	<10	64	0.002	0.0006	0.001			
H743604		<10	178	10	65	0.002	0.0006	0.001			
H743605		<10	172	<10	65	0.001	0.0009	0.001			
H743606		<10	168	<10	79	0.001	0.0018	0.001			
H743607		<10	183	<10	84	0.002	0.0015	0.001			
H743608		<10	232	<10	80	0.002	0.0026	0.002			
H743609		<10	368	<10	122	0.002	0.0049	0.003			
H743610		<10	80	<10	75	0.062	0.1915	0.702			
H743611		<10	185	<10	126	0.057	0.247	0.157			
H743612		<10	179	<10	1360	0.007	0.0465	0.035			
H743613		<10	146	<10	123	0.005	0.0341	0.026			
H743614		<10	134	<10	121	0.003	0.0246	0.019			
H743615		<10	192	<10	131	0.003	0.0018	0.001			
H743616		<10	123	<10	146	0.004	0.0267	0.022			
H743617		<10	124	<10	112	0.003	0.0177	0.014			
H743618		<10	117	<10	113	0.004	0.0373	0.031			
H743619		<10	119	<10	117	0.005	0.0456	0.040			
H743620		<10	16	<10	30	0.001	<0.0005	<0.001			
H743621		<10	116	<10	115	0.004	0.0320	0.027			
H743622		<10	113	<10	117	0.004	0.0396	0.033			
H743623		<10	108	<10	111	0.004	0.0394	0.033			
H743623 CRD		<10	112	<10	115	0.004	0.0424	0.035			
H743624		<10	111	<10	107	0.005	0.0596	0.055			
H743625		<10	99	<10	112	0.005	0.0504	0.044			
H743626		<10	107	<10	117	0.006	0.0669	0.057			
H743627		<10	108	<10	118	0.004	0.0440	0.038			
H743628		<10	103	<10	117	0.005	0.0581	0.051			
H743629		<10	106	<10	120	0.003	0.0355	0.027			

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

Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743630		0.10	<0.5	7.36	<5	70	<0.5	<2	5.07	<0.5	84	3610	729	6.98	10	0.17
H743631		5.04	0.9	2.07	10	90	<0.5	<2	2.13	<0.5	144	2920	178	10.75	<10	0.31
H743632		4.67	0.9	1.71	17	80	<0.5	<2	2.15	<0.5	151	3230	120	11.05	<10	0.27
H743633		4.73	0.8	1.60	22	70	<0.5	<2	1.96	<0.5	146	3060	106	10.70	<10	0.24
H743634		4.77	1.0	1.73	<5	80	<0.5	<2	2.01	<0.5	154	3100	181	11.00	<10	0.34
H743635		4.91	0.6	1.70	9	90	<0.5	<2	2.00	<0.5	151	2990	197	11.10	<10	0.29
H743636		4.91	0.7	1.72	9	90	<0.5	<2	2.05	<0.5	152	2860	107	11.35	<10	0.32
H743637		4.59	0.8	1.73	6	90	<0.5	<2	2.07	<0.5	156	3270	113	11.50	<10	0.29
H743638		4.65	0.8	1.77	33	120	<0.5	<2	2.07	<0.5	156	3260	153	11.50	<10	0.28
H743639		4.80	0.8	1.73	9	70	<0.5	<2	1.98	<0.5	154	2990	163	11.15	<10	0.34
H743640		2.38	0.7	1.83	13	90	<0.5	<2	2.13	<0.5	149	2920	122	10.90	<10	0.32
H743641		4.77	<0.5	1.49	6	80	<0.5	2	1.86	<0.5	138	2860	117	10.05	<10	0.27
H743642		4.78	<0.5	1.55	<5	80	<0.5	2	1.91	<0.5	141	2850	93	10.35	<10	0.27
H743643		4.31	<0.5	1.55	9	100	<0.5	<2	1.89	<0.5	138	2820	107	10.05	<10	0.25
H743643 CRD		<0.02	<0.5	1.55	5	100	<0.5	4	1.85	<0.5	138	2920	116	10.05	<10	0.26
H743644		4.70	<0.5	1.50	23	90	<0.5	2	1.92	<0.5	138	3080	175	9.94	<10	0.21
H743645		4.58	<0.5	1.49	7	60	<0.5	<2	1.82	<0.5	139	3200	134	10.10	<10	0.27
H743646		4.46	<0.5	1.56	10	70	<0.5	2	1.86	<0.5	145	3400	123	10.40	<10	0.26
H743647		4.44	<0.5	1.50	16	60	<0.5	<2	1.88	<0.5	130	3050	170	9.45	<10	0.24
H743648		4.56	<0.5	1.52	13	80	<0.5	<2	1.82	<0.5	140	3310	118	9.80	<10	0.22
H743649		4.61	<0.5	1.51	7	80	<0.5	<2	1.80	<0.5	136	3130	134	9.55	<10	0.19
H743650		0.10	1.2	9.15	<5	70	<0.5	<2	6.93	<0.5	107	464	3720	6.71	10	0.38
H743651		4.57	0.6	1.60	<5	80	<0.5	<2	1.76	<0.5	146	3600	103	10.35	<10	0.18
H743652		4.42	<0.5	1.56	5	80	<0.5	<2	1.71	<0.5	151	4310	222	10.55	<10	0.19
H743653		4.26	0.9	1.53	6	80	<0.5	<2	1.74	<0.5	152	4040	152	10.75	<10	0.16
H743654		4.68	<0.5	1.58	6	80	<0.5	<2	1.76	<0.5	154	3600	136	11.05	<10	0.16
H743655		4.58	0.6	1.71	<5	80	<0.5	<2	1.85	<0.5	155	3330	152	11.20	<10	0.19
H743656		4.53	0.6	1.75	<5	80	<0.5	<2	1.89	<0.5	157	3470	150	11.30	<10	0.24
H743657		4.46	0.7	1.70	10	80	<0.5	<2	1.93	<0.5	151	2940	217	10.60	<10	0.20
H743658		4.43	0.9	1.81	<5	100	<0.5	<2	1.94	<0.5	154	3160	164	11.00	<10	0.22
H743659		4.63	0.7	1.79	<5	90	<0.5	<2	1.90	<0.5	151	3060	218	10.90	<10	0.21
H743660		0.08	<0.5	6.64	<5	970	1.0	<2	1.35	<0.5	3	30	17	1.67	10	2.16
H743661		4.53	<0.5	1.70	<5	90	<0.5	2	1.93	<0.5	147	3560	265	10.60	<10	0.20
H743662		4.48	<0.5	1.75	6	90	<0.5	3	2.00	0.5	150	3400	168	10.80	<10	0.20
H743663		4.62	<0.5	1.85	6	90	<0.5	<2	2.08	0.6	152	3150	174	11.00	<10	0.23
H743663 CRD		0.02	<0.5	1.84	9	90	<0.5	<2	2.04	<0.5	149	3050	184	10.75	<10	0.24
H743664		4.66	<0.5	1.79	<5	90	<0.5	<2	2.00	<0.5	142	2870	125	10.30	<10	0.19
H743665		4.52	<0.5	1.92	11	100	<0.5	<2	2.15	0.5	145	2880	169	10.50	<10	0.22
H743666		4.44	<0.5	1.86	6	100	<0.5	<2	2.18	<0.5	143	3060	393	10.40	<10	0.21
H743667		4.64	<0.5	1.97	<5	100	<0.5	<2	2.24	0.7	147	3220	289	10.60	<10	0.23

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Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743630		10	10.90	1230	<1	0.79	1510	170	6	0.37	34	21	198	<20	0.12	<10
H743631		10	19.30	1460	<1	0.42	1300	550	4	0.43	22	11	224	<20	0.49	<10
H743632		10	20.0	1540	<1	0.26	1350	430	4	0.51	14	11	227	<20	0.42	<10
H743633		10	19.40	1505	<1	0.26	1310	410	<2	0.36	18	11	202	<20	0.41	<10
H743634		10	20.2	1595	<1	0.27	1370	430	<2	0.14	17	11	207	<20	0.44	<10
H743635		10	20.2	1600	<1	0.25	1380	430	3	0.28	19	11	217	<20	0.43	<10
H743636		10	20.4	1645	<1	0.25	1410	450	<2	0.14	14	12	212	<20	0.44	10
H743637		10	20.6	1670	<1	0.23	1415	440	4	0.12	19	12	207	<20	0.44	<10
H743638		10	20.6	1615	<1	0.24	1410	440	3	0.26	21	12	222	<20	0.44	<10
H743639		10	20.2	1600	<1	0.25	1330	430	5	0.13	21	11	200	<20	0.43	<10
H743640		10	19.75	1605	<1	0.33	1305	450	4	0.13	11	11	216	<20	0.45	<10
H743641		20	18.45	1475	<1	0.22	1285	370	<2	0.08	<5	10	187	<20	0.38	<10
H743642		20	19.10	1520	<1	0.24	1325	380	2	0.13	<5	10	209	<20	0.38	<10
H743643		20	18.70	1485	<1	0.25	1310	390	<2	0.34	<5	10	202	<20	0.38	<10
H743643 CRD		20	18.65	1475	<1	0.25	1325	380	<2	0.34	<5	10	196	<20	0.38	<10
H743644		20	18.65	1460	<1	0.21	1345	360	<2	0.53	<5	10	194	<20	0.36	10
H743645		20	18.90	1465	<1	0.24	1370	370	<2	0.13	<5	10	185	<20	0.37	<10
H743646		20	19.50	1525	<1	0.25	1420	380	<2	0.23	<5	10	203	<20	0.38	<10
H743647		20	17.75	1360	<1	0.30	1295	370	2	0.33	<5	11	172	<20	0.38	<10
H743648		20	19.25	1415	<1	0.31	1435	380	<2	0.17	<5	10	171	<20	0.39	<10
H743649		20	19.00	1390	<1	0.31	1425	360	<2	0.32	<5	10	199	<20	0.37	<10
H743650		10	6.51	860	1	1.08	3160	90	4	1.78	6	16	88	<20	0.12	<10
H743651		10	20.2	1465	<1	0.29	1485	380	4	0.17	20	10	183	<20	0.40	<10
H743652		10	20.3	1490	<1	0.27	1635	380	6	0.17	28	10	178	<20	0.39	<10
H743653		10	20.6	1520	<1	0.26	1585	370	2	0.33	23	10	189	<20	0.37	<10
H743654		10	20.9	1560	<1	0.35	1540	390	<2	0.12	19	11	175	<20	0.39	<10
H743655		10	20.7	1580	<1	0.39	1490	390	3	0.14	18	11	194	<20	0.40	<10
H743656		10	20.9	1590	<1	0.39	1465	440	3	0.10	23	11	198	<20	0.43	<10
H743657		10	19.75	1510	<1	0.38	1395	430	8	0.28	17	11	213	<20	0.40	<10
H743658		10	20.6	1550	<1	0.44	1465	470	3	0.16	16	11	209	<20	0.45	<10
H743659		10	20.3	1530	<1	0.46	1505	440	<2	0.09	18	11	203	<20	0.44	<10
H743660		10	0.26	609	<1	2.59	7	200	6	<0.01	<5	5	178	<20	0.12	<10
H743661		10	19.85	1505	1	0.41	1480	420	<2	0.23	16	11	205	<20	0.43	<10
H743662		10	19.95	1545	<1	0.43	1390	440	4	0.28	19	11	214	<20	0.44	<10
H743663		10	20.1	1565	<1	0.48	1410	470	<2	0.16	17	11	218	<20	0.47	<10
H743663 CRD		10	19.75	1540	1	0.48	1360	460	<2	0.18	14	11	219	<20	0.46	<10
H743664		10	18.95	1470	<1	0.51	1290	450	<2	0.11	17	11	223	<20	0.45	<10
H743665		10	19.35	1500	<1	0.54	1320	460	<2	0.24	19	11	236	<20	0.47	<10
H743666		10	19.10	1485	<1	0.49	1420	460	<2	0.28	16	11	234	<20	0.47	<10
H743667		10	19.55	1515	1	0.54	1460	500	<2	0.18	18	12	240	<20	0.51	<10

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Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743630		10	120	<10	323	0.112	>1.00	0.589	0.11	1.14	0.53
H743631		<10	110	<10	108	0.006	0.0795	0.067			
H743632		<10	105	<10	114	0.004	0.0451	0.035			
H743633		<10	102	<10	111	0.003	0.0408	0.033			
H743634		<10	106	<10	121	0.007	0.0708	0.062			
H743635		<10	103	<10	125	0.006	0.0761	0.065			
H743636		<10	104	<10	124	0.004	0.0383	0.030			
H743637		<10	108	<10	129	0.003	0.0357	0.027			
H743638		<10	106	<10	118	0.011	0.0573	0.051			
H743639		<10	101	<10	119	0.006	0.0555	0.049			
H743640		<10	102	<10	121	0.004	0.0406	0.030			
H743641		<10	92	<10	106	0.004	0.0423	0.034			
H743642		<10	93	<10	106	0.003	0.0379	0.028			
H743643		<10	92	<10	103	0.004	0.0415	0.032			
H743643 CRD		<10	92	<10	105	0.004	0.0460	0.038			
H743644		<10	90	<10	100	0.006	0.0572	0.050			
H743645		<10	93	<10	103	0.005	0.0564	0.046			
H743646		<10	98	<10	109	0.005	0.0557	0.045			
H743647		<10	93	<10	95	0.005	0.0567	0.050			
H743648		<10	94	<10	98	0.005	0.0613	0.054			
H743649		<10	91	<10	99	0.005	0.0729	0.059			
H743650		<10	82	<10	101	0.053	0.1825	0.701			
H743651		<10	96	<10	109	0.004	0.0512	0.039			
H743652		<10	102	<10	114	0.006	0.0811	0.064			
H743653		<10	98	<10	114	0.005	0.0730	0.054			
H743654		<10	100	<10	117	0.006	0.0765	0.062			
H743655		<10	101	<10	117	0.004	0.0488	0.040			
H743656		<10	105	<10	116	0.003	0.0395	0.033			
H743657		<10	97	<10	120	0.007	0.0860	0.079			
H743658		<10	105	<10	117	0.003	0.0432	0.038			
H743659		<10	104	<10	114	0.003	0.0467	0.042			
H743660		<10	16	<10	31	<0.001	0.0010	0.001			
H743661		<10	105	<10	109	0.008	0.1030	0.096			
H743662		<10	105	<10	109	0.005	0.0670	0.056			
H743663		<10	107	<10	110	0.006	0.0721	0.063			
H743663 CRD		<10	106	<10	107	0.007	0.0763	0.069			
H743664		<10	102	<10	104	0.004	0.0562	0.051			
H743665		<10	107	<10	107	0.005	0.0573	0.054			
H743666		10	108	<10	109	0.012	0.1655	0.153			
H743667		<10	114	<10	110	0.009	0.1115	0.105			

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

Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743668		4.64	<0.5	2.01	13	100	<0.5	<2	2.35	0.7	143	3350	264	10.45	<10	0.24
H743669		4.58	<0.5	2.07	<5	100	<0.5	<2	2.39	<0.5	143	3490	193	10.60	<10	0.22
H743670		0.09	<0.5	7.27	<5	80	<0.5	<2	5.20	0.5	84	3810	705	6.77	10	0.16
H743671		4.49	<0.5	2.21	<5	110	0.5	<2	2.56	<0.5	148	3540	185	10.90	<10	0.24
H743672		4.37	<0.5	2.23	16	120	0.5	<2	2.61	0.5	142	3450	171	10.55	<10	0.30
H743673		4.51	<0.5	2.24	<5	100	<0.5	<2	2.73	<0.5	143	3460	161	10.65	<10	0.21
H743674		4.18	<0.5	2.36	<5	110	<0.5	2	2.82	<0.5	134	3400	162	10.25	<10	0.22
H743675		4.36	<0.5	2.64	40	130	0.5	5	3.26	0.6	125	3290	174	9.94	<10	0.27
H743676		4.43	<0.5	2.80	12	130	0.6	<2	3.26	<0.5	127	3250	249	10.10	<10	0.30
H743677		4.43	<0.5	3.03	<5	150	0.6	<2	3.50	0.6	121	3380	284	10.10	10	0.38
H743678		4.35	<0.5	3.24	5	150	0.6	<2	3.78	0.6	109	2950	185	9.72	<10	0.45
H743679		2.16	<0.5	3.86	<5	170	0.8	<2	4.39	<0.5	102	2450	140	9.79	10	0.55
H743680		1.17	<0.5	3.60	6	190	0.7	<2	4.13	0.5	113	2240	675	10.25	10	0.44
H743681		2.08	<0.5	3.95	<5	150	0.7	<2	4.45	0.6	116	1950	1090	10.35	10	0.39
H743682		2.34	<0.5	4.26	14	160	0.8	<2	4.64	<0.5	96	1770	214	9.77	10	0.44
H743683		2.20	<0.5	4.03	14	150	0.8	<2	4.27	0.6	110	1820	984	10.15	10	0.47
H743683 CRD		<0.02	0.6	3.98	11	140	0.8	3	4.20	0.6	109	1800	933	10.00	10	0.46
H743684		2.09	1.7	4.03	10	150	0.7	<2	4.04	0.9	133	1670	3090	10.65	10	0.60
H743685		1.73	<0.5	4.64	12	170	0.9	<2	4.08	0.8	86	1450	233	9.09	10	0.66
H743686		1.67	0.8	6.49	6	790	2.7	<2	0.72	<0.5	2	33	38	1.34	30	3.54
H743687		1.22	<0.5	6.84	49	380	3.6	<2	2.42	<0.5	41	343	545	5.47	20	1.43
H743688		4.34	<0.5	7.57	19	490	4.8	<2	1.04	<0.5	19	121	147	4.16	20	1.66
H743689		3.53	<0.5	7.14	13	500	2.5	3	0.69	<0.5	6	47	24	1.62	20	3.73
H743690		0.10	1.1	8.38	<5	70	<0.5	2	6.64	<0.5	100	417	3520	6.27	10	0.38

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

Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743668		20	19.15	1495	<1	0.53	1420	500	<2	0.40	18	12	237	<20	0.49	<10
H743669		10	19.35	1505	<1	0.59	1430	500	<2	0.12	17	12	254	<20	0.52	<10
H743670		10	11.00	1210	<1	0.77	1510	160	2	0.35	33	21	196	<20	0.12	<10
H743671		20	19.80	1550	<1	0.66	1430	590	2	0.12	19	13	266	<20	0.55	<10
H743672		20	19.00	1525	<1	0.61	1400	510	<2	0.24	18	13	254	<20	0.56	<10
H743673		20	19.00	1520	<1	0.62	1400	540	<2	0.17	19	14	279	<20	0.60	<10
H743674		20	17.85	1465	<1	0.69	1310	590	<2	0.20	17	14	295	<20	0.61	<10
H743675		20	16.80	1445	<1	0.66	1230	610	9	0.60	17	14	368	<20	0.62	<10
H743676		20	16.70	1445	1	0.75	1270	690	4	0.37	18	15	342	<20	0.69	<10
H743677		20	16.00	1440	<1	0.80	1250	670	3	0.37	22	16	360	<20	0.75	<10
H743678		20	14.60	1400	<1	0.77	1060	770	<2	0.20	18	17	405	<20	0.83	<10
H743679		20	13.30	1420	<1	0.83	914	880	3	0.11	10	19	436	<20	0.97	<10
H743680		20	13.45	1440	<1	0.80	1110	750	3	0.79	12	18	462	<20	0.83	<10
H743681		20	12.85	1440	<1	0.80	1220	820	4	0.43	11	20	459	<20	0.98	<10
H743682		20	11.80	1445	<1	0.82	767	950	6	0.85	11	20	487	<20	1.01	<10
H743683		20	12.65	1395	<1	0.75	1120	870	<2	0.94	10	19	417	<20	0.91	<10
H743683 CRD		20	12.50	1390	<1	0.75	1090	870	2	0.91	11	18	410	<20	0.91	<10
H743684		20	11.30	1370	<1	0.73	1920	830	4	2.36	8	19	363	<20	0.91	<10
H743685		20	10.50	1405	<1	0.97	677	910	4	0.99	9	19	342	<20	0.98	<10
H743686		10	0.62	374	<1	2.54	8	350	19	0.42	<5	4	199	<20	0.04	<10
H743687		30	3.53	771	<1	2.74	366	850	13	2.28	<5	14	256	<20	0.61	<10
H743688		30	1.57	449	1	3.13	77	830	5	1.12	<5	12	252	<20	0.35	<10
H743689		10	0.51	175	<1	2.81	23	670	23	0.68	<5	5	164	<20	0.12	<10
H743690		10	5.87	801	1	1.10	3000	80	6	1.55	<5	15	84	<20	0.11	<10

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

Finalized Date: 10-OCT-2009
Account: MGMAM

Project: SD09-184 BL

CERTIFICATE OF ANALYSIS TB09104048

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743668		<10	112	<10	106	0.008	0.0921	0.079			
H743669		<10	119	<10	108	0.006	0.0778	0.067			
H743670		10	120	<10	303	0.110	>1.00	0.562	0.13	1.29	0.59
H743671		<10	128	<10	112	0.004	0.0636	0.049			
H743672		<10	130	<10	110	0.004	0.0576	0.043			
H743673		<10	135	<10	111	0.004	0.0592	0.043			
H743674		<10	136	<10	107	0.004	0.0749	0.053			
H743675		<10	141	<10	118	0.005	0.0731	0.054			
H743676		<10	154	<10	109	0.007	0.0984	0.082			
H743677		<10	165	<10	107	0.008	0.109	0.083			
H743678		<10	175	<10	105	0.005	0.0570	0.041			
H743679		<10	197	<10	107	0.004	0.0401	0.026			
H743680		<10	186	<10	106	0.016	0.244	0.211			
H743681		<10	206	<10	113	0.027	0.427	0.368			
H743682		<10	211	<10	110	0.005	0.0635	0.050			
H743683		<10	194	<10	103	0.023	0.338	0.305			
H743683 CRD		<10	192	<10	104	0.022	0.326	0.290			
H743684		<10	198	<10	109	0.071	>1.00	>1.00	0.08	1.07	1.04
H743685		<10	205	<10	157	0.006	0.0676	0.054			
H743686		20	4	<10	29	0.001	0.0036	0.003			
H743687		<10	131	<10	100	0.008	0.142	0.134			
H743688		<10	100	<10	29	0.003	0.0231	0.020			
H743689		10	31	<10	10	0.002	0.0014	0.001			
H743690		<10	75	<10	65	0.057	0.201	0.679			

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

Finalized Date: 13-OCT-2009
Account: MGMAM

CERTIFICATE TB09106899

Project: SD09-185 BL

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H065457		1.71	<0.5	2.58	9	120	0.6	2	3.43	<0.5	117	2260	145	9.78	10	0.35
H065458		1.29	<0.5	8.02	11	580	1.5	3	0.46	<0.5	23	122	8	3.78	20	2.52
H743691		3.88	<0.5	6.55	9	1270	1.6	2	0.18	<0.5	1	12	2	0.74	20	3.82
H743692		3.84	0.5	6.65	7	1570	1.6	<2	0.28	<0.5	2	18	9	0.90	20	3.62
H743693		2.14	<0.5	5.43	26	2550	1.7	2	6.47	<0.5	49	288	215	7.95	20	0.65
H743694		2.92	<0.5	6.31	24	770	1.7	4	5.10	<0.5	37	135	120	7.38	20	0.78
H743695		3.13	<0.5	4.19	45	790	1.0	4	4.44	<0.5	67	945	152	7.90	10	0.24
H743696		1.21	<0.5	5.23	51	230	1.3	3	4.68	<0.5	39	411	144	7.11	10	0.43
H743697		4.23	<0.5	3.26	18	210	0.8	3	3.31	<0.5	97	1490	169	8.82	10	0.23
H743698		2.57	<0.5	4.57	63	1480	1.1	4	3.80	<0.5	65	978	135	7.77	10	0.18
H743699		4.16	<0.5	3.32	29	290	0.9	<2	2.16	<0.5	106	1840	163	8.95	10	0.25
H743700		0.09	<0.5	6.46	8	1000	1.0	<2	1.33	<0.5	2	27	17	1.58	10	2.11
H743701		3.24	<0.5	3.45	39	240	0.9	<2	4.74	<0.5	89	1425	151	8.41	10	0.39
H743702		4.57	<0.5	3.12	42	120	0.8	2	2.85	<0.5	103	1850	126	9.44	10	0.34
H743703		4.14	<0.5	2.91	<5	160	0.7	3	4.14	<0.5	109	1895	166	9.85	10	0.41
H743703 CRD		<0.02	<0.5	2.90	7	150	0.7	3	4.00	<0.5	107	1805	159	9.55	10	0.40
H743704		4.27	<0.5	2.78	6	140	0.6	2	4.58	<0.5	108	1830	163	9.58	10	0.39
H743705		4.42	<0.5	2.67	7	130	0.6	2	3.81	<0.5	116	1680	186	9.92	10	0.39
H743706		4.41	<0.5	2.71	7	140	0.6	<2	4.05	<0.5	113	1905	170	9.78	10	0.38
H743707		4.27	<0.5	2.57	16	130	0.6	<2	4.31	<0.5	114	1955	170	9.90	10	0.38
H743708		4.24	<0.5	2.57	20	130	0.6	<2	4.17	<0.5	113	1990	184	9.90	10	0.38
H743709		4.25	<0.5	2.46	12	130	0.5	<2	3.81	<0.5	109	1930	149	9.48	10	0.36
H743710		0.11	<0.5	6.73	8	60	<0.5	2	4.82	<0.5	76	3400	669	6.18	10	0.15
H743711		4.33	<0.5	2.60	17	120	0.6	2	3.89	<0.5	116	2100	174	10.05	10	0.36
H743712		4.16	<0.5	2.55	19	120	0.6	<2	3.70	<0.5	108	1915	141	9.23	10	0.33
H743713		2.10	<0.5	2.55	11	110	0.5	2	3.75	<0.5	115	2130	167	9.91	10	0.36
H743714		2.07	<0.5	2.41	13	120	0.5	<2	3.84	<0.5	115	2190	168	9.89	10	0.37
H743715		4.40	<0.5	2.45	12	120	0.6	2	3.79	<0.5	114	2290	148	9.75	10	0.36
H743716		2.28	<0.5	2.21	5	100	0.5	<2	3.89	<0.5	115	2330	155	9.75	10	0.30
H743717		2.17	<0.5	2.35	12	110	0.5	3	3.61	<0.5	116	2380	131	9.48	10	0.34
H743718		2.30	<0.5	2.28	16	100	0.5	<2	3.66	<0.5	114	2400	143	9.38	10	0.29
H743719		2.13	<0.5	2.25	17	100	0.5	3	3.38	<0.5	113	2420	130	9.28	10	0.28
H743720		2.26	<0.5	2.50	12	110	0.5	<2	3.46	<0.5	118	2540	137	9.90	10	0.34
H743721		4.19	<0.5	2.41	8	120	0.5	2	3.19	<0.5	117	2400	127	9.66	10	0.32
H743722		4.16	<0.5	2.54	12	120	0.6	<2	3.01	<0.5	119	2520	133	9.59	10	0.32
H743723		4.21	<0.5	2.44	11	120	0.6	2	3.12	<0.5	117	2680	168	9.59	10	0.32
H743723 CRD		<0.02	<0.5	2.51	17	130	0.6	2	3.23	<0.5	118	2790	158	9.75	10	0.32
H743724		4.39	<0.5	2.51	13	130	0.6	<2	3.10	<0.5	116	2720	139	9.50	10	0.31
H743725		4.38	<0.5	2.48	9	120	0.5	<2	3.04	<0.5	122	2790	139	9.65	10	0.29
H743726		4.40	<0.5	2.44	8	110	0.5	2	2.93	<0.5	116	3040	148	9.30	10	0.28

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THUNDER BAY ON P7B 6V1

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H065457		10	14.80	1435	<1	0.64	996	660	5	0.82	6	16	340	<20	0.66	<10
H065458		20	1.53	396	<1	1.88	83	780	5	0.26	<5	19	245	<20	0.40	<10
H743691		20	0.34	66	1	2.16	3	230	3	0.39	<5	3	190	<20	0.03	<10
H743692		20	0.41	83	1	2.73	8	250	29	0.43	<5	3	201	<20	0.05	<10
H743693		20	5.66	1530	<1	1.97	159	1090	13	0.62	<5	35	1235	<20	1.45	<10
H743694		30	4.23	1490	<1	2.69	90	1370	16	1.22	<5	27	1140	<20	1.78	<10
H743695		20	9.23	1215	<1	1.08	392	990	9	1.38	<5	25	422	<20	1.06	<10
H743696		20	6.56	903	<1	2.18	200	970	12	3.94	<5	28	531	<20	1.25	<10
H743697		10	12.70	1360	<1	0.31	641	630	7	0.12	<5	26	155	<20	0.89	<10
H743698		20	10.70	1415	<1	1.17	415	890	8	1.17	<5	24	303	<20	1.06	<10
H743699		10	13.95	1350	<1	0.18	783	770	8	0.31	5	24	105	<20	0.88	10
H743700		10	0.25	588	<1	2.60	4	190	9	<0.01	<5	5	184	<20	0.12	<10
H743701		20	11.60	1425	<1	0.69	636	790	5	0.26	<5	24	242	<20	0.83	<10
H743702		20	13.25	1455	<1	0.37	781	670	7	0.39	<5	18	214	<20	0.81	<10
H743703		10	13.55	1460	<1	0.54	834	620	6	0.08	5	20	342	<20	0.75	<10
H743703 CRD		10	13.15	1425	<1	0.54	801	610	9	0.07	<5	19	345	<20	0.73	<10
H743704		10	13.60	1450	<1	0.46	796	590	7	0.07	<5	21	350	<20	0.72	<10
H743705		10	14.25	1475	<1	0.44	867	610	5	0.07	<5	18	339	<20	0.71	<10
H743706		10	13.80	1450	<1	0.50	852	670	3	0.05	5	19	341	<20	0.75	<10
H743707		10	14.05	1475	<1	0.43	861	600	6	0.19	<5	20	320	<20	0.74	<10
H743708		10	13.95	1475	<1	0.44	864	580	6	0.16	<5	20	325	<20	0.71	<10
H743709		10	13.35	1405	<1	0.44	796	620	5	0.24	<5	18	313	<20	0.67	<10
H743710		<10	9.75	1130	<1	0.73	1375	150	10	0.32	20	19	190	<20	0.11	<10
H743711		10	14.30	1485	<1	0.49	869	700	6	0.28	<5	18	327	<20	0.73	<10
H743712		10	13.25	1340	<1	0.44	823	660	5	0.44	<5	16	308	<20	0.68	<10
H743713		10	14.05	1480	<1	0.47	869	620	7	0.21	<5	18	324	<20	0.71	<10
H743714		10	14.30	1470	<1	0.50	884	660	6	0.56	<5	18	321	<20	0.68	<10
H743715		10	13.95	1440	<1	0.51	883	610	8	0.86	6	17	322	<20	0.67	<10
H743716		10	14.25	1445	<1	0.47	907	550	3	0.88	<5	18	284	<20	0.65	<10
H743717		10	14.30	1390	<1	0.56	910	610	6	1.38	5	17	323	<20	0.61	<10
H743718		10	14.35	1385	<1	0.50	935	560	7	1.58	<5	17	301	<20	0.58	<10
H743719		10	14.05	1375	<1	0.48	922	620	7	1.66	6	16	282	<20	0.57	<10
H743720		10	15.00	1450	<1	0.61	987	630	6	0.79	<5	16	334	<20	0.66	<10
H743721		10	14.75	1415	<1	0.65	986	630	4	0.13	<5	15	324	<20	0.69	<10
H743722		10	14.95	1415	<1	0.67	1005	660	7	0.46	5	14	355	<20	0.66	<10
H743723		10	14.90	1425	<1	0.62	1025	640	4	1.31	5	14	333	<20	0.61	<10
H743723 CRD		10	15.15	1450	<1	0.59	1020	650	4	1.50	8	14	340	<20	0.60	<10
H743724		10	14.95	1400	<1	0.63	1025	650	5	0.78	<5	15	323	<20	0.62	<10
H743725		10	15.50	1420	<1	0.69	1095	640	4	0.34	<5	15	331	<20	0.67	<10
H743726		10	15.20	1355	<1	0.64	1125	590	4	0.33	5	14	316	<20	0.62	<10

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H065457		<10	149	<10	105	0.005	0.0331	0.024			
H065458		<10	148	<10	41	0.002	0.0020	0.002			
H743691		10	5	<10	2	0.003	<0.0005	<0.001			
H743692		10	6	<10	22	0.003	0.0042	0.001			
H743693		<10	297	<10	82	0.004	0.0083	0.003			
H743694		<10	314	<10	85	0.003	0.0008	<0.001			
H743695		<10	191	<10	58	0.006	0.0229	0.013			
H743696		<10	209	<10	45	0.007	0.0049	0.005			
H743697		<10	194	<10	110	0.007	0.0329	0.025			
H743698		<10	195	<10	95	0.006	0.0233	0.015			
H743699		<10	192	<10	116	0.006	0.0356	0.023			
H743700		10	16	<10	29	0.002	0.0009	<0.001			
H743701		<10	177	<10	88	0.006	0.0267	0.017			
H743702		<10	176	<10	106	0.006	0.0279	0.017			
H743703		<10	168	<10	108	0.007	0.0358	0.025			
H743703 CRD		<10	161	<10	104	0.006	0.0332	0.022			
H743704		<10	155	<10	102	0.007	0.0368	0.028			
H743705		<10	152	<10	107	0.006	0.0462	0.039			
H743706		<10	161	<10	105	0.006	0.0360	0.027			
H743707		<10	161	<10	106	0.005	0.0289	0.020			
H743708		<10	160	<10	105	0.007	0.0420	0.032			
H743709		<10	151	<10	102	0.005	0.0298	0.021			
H743710		<10	114	<10	292	0.102	>1.00	0.554	0.11	1.21	0.56
H743711		<10	162	<10	109	0.009	0.0356	0.026			
H743712		<10	156	<10	98	0.005	0.0365	0.026			
H743713		<10	158	<10	107	0.004	0.0316	0.023			
H743714		<10	155	<10	106	0.007	0.0444	0.036			
H743715		<10	156	<10	107	0.006	0.0301	0.021			
H743716		<10	152	<10	104	0.006	0.0304	0.022			
H743717		<10	146	<10	99	0.005	0.0216	0.014			
H743718		<10	141	<10	102	0.006	0.0276	0.019			
H743719		<10	141	<10	104	0.005	0.0211	0.012			
H743720		<10	152	<10	106	0.006	0.0338	0.026			
H743721		<10	150	<10	104	0.005	0.0316	0.023			
H743722		<10	143	<10	104	0.005	0.0414	0.033			
H743723		<10	143	<10	104	0.007	0.0634	0.052			
H743723 CRD		<10	142	<10	105	0.006	0.0528	0.045			
H743724		<10	140	<10	103	0.005	0.0483	0.035			
H743725		<10	141	<10	103	0.005	0.0452	0.032			
H743726		<10	140	<10	99	0.006	0.0558	0.042			

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743727		4.29	<0.5	2.31	8	110	0.5	<2	2.93	<0.5	117	3290	165	9.44	10	0.31
H743728		4.33	<0.5	2.46	14	120	0.5	3	2.99	<0.5	117	2770	121	9.48	10	0.28
H743729		4.43	<0.5	2.47	14	120	0.5	<2	3.05	<0.5	120	2650	106	9.81	10	0.25
H743730		0.11	0.9	8.47	<5	70	<0.5	3	6.68	<0.5	101	434	3470	6.10	10	0.37
H743731		4.27	<0.5	2.42	14	110	0.5	<2	3.06	<0.5	119	2540	124	9.69	10	0.25
H743732		4.47	<0.5	2.38	7	120	0.5	<2	3.01	<0.5	119	2510	116	9.62	10	0.29
H743733		4.24	<0.5	2.54	8	130	0.5	3	3.20	<0.5	118	2540	104	9.65	10	0.32
H743734		2.13	<0.5	2.37	13	120	0.5	3	3.11	<0.5	119	2600	97	9.41	10	0.29
H743735		4.26	<0.5	2.51	14	120	0.5	<2	2.93	<0.5	121	2780	106	9.79	10	0.29
H743736		4.31	<0.5	2.41	9	130	0.5	3	2.83	<0.5	116	2630	124	9.42	10	0.27
H743737		2.25	<0.5	2.38	11	130	0.6	<2	2.78	<0.5	119	2690	107	9.54	10	0.29
H743738		4.24	<0.5	2.31	5	130	0.6	2	2.87	<0.5	125	2550	124	10.00	10	0.26
H743739		4.20	<0.5	2.48	6	130	0.6	3	2.81	<0.5	122	2390	92	9.70	10	0.29
H743740		0.09	<0.5	5.90	<5	930	1.0	<2	1.23	<0.5	2	32	15	1.49	10	1.97
H743741		4.41	<0.5	2.43	7	140	0.6	<2	2.67	<0.5	120	2320	101	9.50	10	0.34
H743742		4.36	<0.5	2.51	<5	140	0.6	4	2.86	<0.5	123	2520	102	9.82	10	0.28
H743743		4.51	<0.5	2.24	<5	130	0.6	<2	2.85	<0.5	123	2620	132	9.66	10	0.25
H743743 CRD		<0.02	<0.5	2.58	5	130	0.6	3	2.98	<0.5	126	2420	145	9.96	10	0.26
H743744		4.38	<0.5	2.48	5	130	0.6	<2	2.89	<0.5	124	2450	133	9.68	10	0.29
H743745		4.36	<0.5	2.54	17	120	0.6	4	3.22	<0.5	120	2550	153	9.54	10	0.32
H743746		2.14	<0.5	2.45	15	130	0.5	<2	3.01	<0.5	119	2590	223	9.44	10	0.28
H743747		2.17	<0.5	2.46	18	120	0.5	2	3.07	<0.5	114	2510	243	9.16	10	0.28
H743748		4.51	<0.5	2.68	13	150	0.6	5	3.03	<0.5	112	2420	174	9.24	10	0.35
H743749		2.01	<0.5	2.86	16	150	0.7	<2	3.31	<0.5	113	2570	159	9.27	10	0.38
H743750		0.11	<0.5	6.60	<5	60	<0.5	<2	4.73	<0.5	76	3380	658	6.06	10	0.15
H743751		4.42	<0.5	2.81	15	140	0.6	<2	3.22	<0.5	117	2500	189	9.60	10	0.38
H743752		4.25	<0.5	3.09	10	150	0.6	2	3.48	<0.5	108	2500	212	9.38	10	0.47
H743753		4.44	<0.5	3.41	<5	170	0.8	<2	3.72	<0.5	106	2410	187	9.41	10	0.46
H743754		4.43	<0.5	3.67	6	200	1.0	2	4.27	<0.5	95	2060	185	9.17	10	0.54
H743755		2.93	<0.5	4.36	10	220	1.1	4	4.52	<0.5	82	1520	211	8.78	10	0.49
H743756		3.20	<0.5	7.49	8	550	1.9	2	0.51	<0.5	18	111	49	3.65	20	2.11
H743757		4.10	<0.5	8.42	6	730	2.1	2	0.41	<0.5	24	130	22	4.40	20	2.82
H743758		4.51	<0.5	8.23	8	620	1.8	<2	0.46	<0.5	24	125	20	4.26	20	2.63
H743759		3.91	<0.5	8.49	8	720	1.8	4	0.49	<0.5	26	131	73	5.12	20	2.77
H743760		1.52	<0.5	7.95	<5	570	1.5	<2	0.47	<0.5	23	122	9	3.80	20	2.54
H743761		2.65	<0.5	7.53	10	370	2.3	6	2.57	<0.5	37	11	15	7.50	20	0.85
H743762		3.08	<0.5	7.67	14	300	1.8	5	3.27	<0.5	50	29	22	9.33	20	0.94
H743763		3.96	<0.5	7.46	8	260	1.8	4	3.54	<0.5	69	57	77	12.20	20	0.79
H743763 CRD		<0.02	<0.5	7.42	10	250	1.7	5	3.47	<0.5	67	52	79	11.90	20	0.76
H743764		3.92	<0.5	7.98	9	460	1.9	2	3.01	<0.5	47	20	19	9.28	20	1.08

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THUNDER BAY ON P7B 6V1

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743727		10	15.15	1385	<1	0.64	1130	610	4	0.85	6	14	318	<20	0.59	<10
H743728		10	14.80	1390	<1	0.69	1040	680	5	1.04	5	14	318	<20	0.64	<10
H743729		10	15.25	1420	<1	0.71	1060	630	5	1.82	<5	15	319	<20	0.57	<10
H743730		<10	5.87	804	2	1.02	2990	90	8	1.60	<5	14	87	<20	0.12	<10
H743731		10	15.00	1405	<1	0.67	1005	620	7	1.71	7	14	336	<20	0.55	<10
H743732		10	14.85	1420	<1	0.64	979	610	5	1.41	5	14	323	<20	0.57	<10
H743733		10	15.05	1425	<1	0.62	998	630	5	0.79	<5	14	365	<20	0.63	<10
H743734		10	14.90	1355	<1	0.62	1010	590	3	1.41	6	14	416	<20	0.56	<10
H743735		10	15.75	1425	<1	0.68	1065	610	6	0.63	<5	14	326	<20	0.61	<10
H743736		10	15.05	1375	<1	0.67	1050	580	7	0.19	<5	13	315	<20	0.61	<10
H743737		10	15.05	1390	<1	0.67	1025	590	6	0.44	<5	13	311	<20	0.60	<10
H743738		10	15.80	1465	<1	0.69	1055	610	5	0.12	7	12	312	<20	0.64	<10
H743739		10	15.25	1410	<1	0.66	987	610	6	0.26	<5	13	311	<20	0.61	<10
H743740		10	0.22	555	<1	2.46	3	180	8	<0.01	<5	4	172	<20	0.11	<10
H743741		10	14.95	1380	<1	0.67	989	580	7	0.25	<5	12	297	<20	0.61	<10
H743742		10	15.70	1435	<1	0.71	1065	560	5	0.03	<5	14	351	<20	0.64	<10
H743743		10	15.30	1420	<1	0.64	1075	550	5	0.04	7	12	310	<20	0.64	<10
H743743 CRD		10	15.90	1470	<1	0.67	1105	570	6	0.04	<5	14	334	<20	0.65	<10
H743744		10	15.50	1415	<1	0.70	1090	620	6	0.04	<5	14	331	<20	0.65	<10
H743745		10	15.05	1405	<1	0.61	1090	570	6	0.75	6	14	356	<20	0.63	<10
H743746		10	14.85	1355	<1	0.63	1115	590	5	1.53	<5	14	362	<20	0.58	<10
H743747		10	14.40	1295	<1	0.64	1070	590	5	1.45	<5	14	370	<20	0.58	<10
H743748		10	14.60	1360	<1	0.76	1045	630	5	0.38	<5	14	342	<20	0.66	<10
H743749		10	14.55	1370	<1	0.72	1030	650	5	0.70	5	15	354	<20	0.69	<10
H743750		<10	9.58	1115	<1	0.71	1330	150	8	0.32	14	19	185	<20	0.11	<10
H743751		10	14.80	1405	<1	0.68	1085	620	5	0.77	5	15	343	<20	0.69	<10
H743752		10	13.80	1360	<1	0.69	1005	710	6	0.71	6	16	390	<20	0.76	<10
H743753		20	13.20	1370	<1	0.77	984	780	6	0.07	5	17	410	<20	0.86	<10
H743754		20	11.80	1405	<1	0.72	800	830	7	0.40	<5	20	411	<20	0.93	<10
H743755		20	9.93	1405	<1	1.08	660	910	14	0.31	<5	21	513	<20	1.04	<10
H743756		20	1.70	366	<1	2.43	69	740	6	0.34	<5	14	251	<20	0.36	<10
H743757		20	1.75	399	1	1.75	84	890	3	0.16	<5	18	205	<20	0.44	<10
H743758		20	1.63	387	1	1.84	81	880	4	0.24	<5	18	193	<20	0.43	<10
H743759		20	1.85	515	<1	1.65	89	940	6	0.35	<5	17	208	<20	0.44	<10
H743760		20	1.46	402	<1	1.77	73	780	5	0.29	<5	19	230	<20	0.39	<10
H743761		40	2.63	730	2	3.53	11	1840	9	1.96	<5	16	317	<20	1.54	<10
H743762		40	2.85	875	1	3.11	26	1860	9	1.33	<5	16	224	<20	1.82	<10
H743763		40	3.71	1185	1	2.65	56	1700	12	1.46	<5	15	258	<20	2.16	<10
H743763 CRD		30	3.64	1150	1	2.67	54	1680	13	1.45	<5	15	261	<20	2.16	<10
H743764		40	2.93	1125	1	3.28	23	1830	7	0.89	<5	16	300	<20	1.78	<10

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743727		<10	144	<10	106	0.007	0.0673	0.042			
H743728		<10	146	<10	103	0.006	0.0472	0.034			
H743729		<10	144	<10	105	0.005	0.0330	0.020			
H743730		<10	78	<10	69	0.065	0.210	0.726			
H743731		<10	141	<10	110	0.005	0.0442	0.033			
H743732		<10	139	<10	106	0.005	0.0377	0.028			
H743733		<10	138	<10	104	0.005	0.0298	0.022			
H743734		<10	134	<10	101	0.004	0.0331	0.022			
H743735		<10	142	<10	103	0.005	0.0382	0.028			
H743736		<10	135	<10	101	0.006	0.0496	0.037			
H743737		<10	136	<10	101	0.005	0.0350	0.024			
H743738		<10	140	<10	106	0.006	0.0463	0.033			
H743739		<10	134	<10	102	0.005	0.0297	0.019			
H743740		10	16	<10	27	0.003	0.0005	<0.001			
H743741		<10	132	<10	101	0.006	0.0401	0.031			
H743742		<10	139	<10	103	0.005	0.0306	0.020			
H743743		<10	138	<10	107	0.006	0.0495	0.040			
H743743 CRD		<10	138	<10	108	0.007	0.0496	0.037			
H743744		<10	138	<10	104	0.006	0.0449	0.031			
H743745		<10	137	<10	105	0.008	0.0660	0.053			
H743746		<10	135	<10	100	0.009	0.0886	0.070			
H743747		<10	132	<10	94	0.010	0.0882	0.070			
H743748		<10	140	<10	98	0.009	0.0633	0.049			
H743749		<10	148	<10	99	0.006	0.0521	0.038			
H743750		<10	111	<10	286	0.122	>1.00	0.590	0.11	1.22	0.55
H743751		<10	152	<10	107	0.008	0.0838	0.064			
H743752		<10	161	<10	102	0.008	0.0755	0.060			
H743753		<10	175	<10	109	0.007	0.0585	0.043			
H743754		<10	190	<10	119	0.008	0.0558	0.047			
H743755		<10	204	<10	180	0.017	0.288	0.102			
H743756		10	115	<10	42	0.003	0.0075	0.006			
H743757		<10	150	<10	53	0.002	0.0019	0.002			
H743758		<10	146	<10	53	0.002	0.0024	0.002			
H743759		<10	144	<10	79	0.002	0.0016	0.001			
H743760		<10	148	<10	41	0.002	0.0019	0.002			
H743761		<10	199	<10	79	<0.001	<0.0005	<0.001			
H743762		<10	270	<10	117	0.002	<0.0005	<0.001			
H743763		<10	404	<10	160	0.003	0.0005	<0.001			
H743763 CRD		<10	395	<10	157	<0.001	<0.0005	<0.001			
H743764		<10	256	<10	117	<0.001	<0.0005	<0.001			

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743765		2.76	<0.5	8.09	6	670	1.8	<2	0.61	<0.5	26	128	49	4.95	20	2.82
H743766		1.02	<0.5	7.82	10	90	1.7	4	2.73	<0.5	36	16	33	7.64	20	0.36
H743767		4.77	<0.5	8.07	7	700	1.6	2	0.58	<0.5	23	119	20	4.14	20	2.42
H743768		2.13	<0.5	8.26	6	570	1.8	5	0.72	<0.5	24	114	2	3.58	30	2.17

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Finalized Date: 13-OCT-2009
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Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H743765		20	1.96	508	1	1.75	84	930	18	0.70	<5	15	220	<20	0.43	<10
H743766		40	3.48	798	1	2.73	18	1820	8	0.91	<5	16	156	<20	1.67	<10
H743767		20	1.58	413	<1	1.74	77	810	6	0.25	<5	19	242	<20	0.42	<10
H743768		20	1.39	397	20	2.41	71	760	8	0.22	<5	20	274	<20	0.43	<10

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Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H743765		<10	140	<10	53	<0.001	0.0010	0.002			
H743766		<10	220	<10	88	<0.001	<0.0005	<0.001			
H743767		<10	148	<10	60	<0.001	0.0012	0.002			
H743768		<10	154	<10	56	<0.001	0.0012	0.002			

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

Finalized Date: 12-OCT-2009
Account: MGMAM

CERTIFICATE TB09107473

Project: SD09-186 BL

P.O. No.:

This report is for 19 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 30-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 12-OCT-2009
Account: MGMAM

Project: SD09-186 BL

CERTIFICATE OF ANALYSIS TB09107473

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743769		4.33	<0.5	6.84	<5	420	1.4	<2	0.32	<0.5	1	10	3	0.70	20	4.19
H743770		0.12	0.7	8.61	<5	70	<0.5	<2	6.42	<0.5	100	419	3450	6.41	10	0.40
H743771		3.85	<0.5	6.91	<5	460	1.7	<2	0.35	<0.5	2	13	7	0.73	20	4.06
H743772		2.60	<0.5	8.09	8	360	2.1	<2	3.16	<0.5	38	15	28	9.04	20	0.77
H743773		3.16	<0.5	6.78	6	340	2.0	4	0.23	<0.5	2	12	5	0.94	20	3.72
H743774		2.19	<0.5	6.41	7	230	1.7	<2	0.26	<0.5	2	10	10	0.90	20	3.31
H743775		2.76	<0.5	7.96	9	430	2.1	<2	3.07	<0.5	35	8	12	8.58	20	0.94
H743776		2.91	<0.5	7.89	11	340	2.1	<2	3.35	<0.5	39	12	65	9.08	20	0.83
H743777		3.06	<0.5	6.84	5	1160	1.9	<2	0.61	<0.5	7	8	8	2.13	20	4.77
H743778		1.99	<0.5	7.06	<5	470	2.0	<2	1.32	<0.5	15	6	6	4.25	20	2.72
H743779		3.11	<0.5	6.60	<5	330	2.1	<2	0.35	<0.5	2	7	10	0.65	20	3.48
H743780		0.09	0.6	6.29	<5	950	1.0	<2	1.33	<0.5	2	27	15	1.62	10	2.15
H743781		1.37	<0.5	8.04	11	250	2.4	<2	3.19	<0.5	41	8	19	8.72	20	0.51
H743782		1.26	<0.5	6.53	<5	470	2.2	<2	0.40	<0.5	1	11	3	0.73	20	4.15
H743783		1.07	<0.5	7.61	<5	130	2.0	<2	4.76	<0.5	31	10	4	8.18	20	0.52
H743783 CRD		<0.02	<0.5	8.06	<5	130	2.1	<2	5.03	<0.5	33	11	5	8.74	20	0.56
H743784		3.73	<0.5	6.79	<5	370	2.4	<2	0.46	<0.5	1	9	2	0.91	20	3.95
H743785		3.67	<0.5	6.98	<5	360	2.4	<2	0.42	<0.5	1	9	1	0.95	20	3.97
H743786		0.11	<0.5	7.01	<5	60	<0.5	4	4.96	<0.5	80	3550	690	6.64	10	0.17

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

Finalized Date: 12-OCT-2009
Account: MGMAM

Project: SD09-186 BL

CERTIFICATE OF ANALYSIS TB09107473

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743769		20	0.13	130	6	2.42	3	240	26	0.09	<5	3	107	20	0.05	<10
H743770		10	6.08	818	1	1.11	3020	90	8	1.56	<5	15	84	<20	0.12	<10
H743771		20	0.14	101	28	2.61	4	220	28	0.15	<5	3	121	20	0.05	<10
H743772		50	3.00	1295	<1	3.62	17	1870	7	0.79	<5	16	395	20	1.76	<10
H743773		20	0.09	47	<1	1.82	<1	220	31	0.59	<5	3	88	20	0.06	<10
H743774		20	0.09	40	25	0.95	<1	210	17	0.58	<5	2	62	20	0.05	<10
H743775		50	2.71	1325	<1	3.38	14	1960	2	0.79	<5	16	584	20	1.66	<10
H743776		50	2.90	1380	<1	3.78	20	1840	7	0.27	<5	16	505	20	1.72	<10
H743777		30	0.65	254	4	1.65	2	480	22	0.32	<5	5	303	20	0.29	<10
H743778		30	1.37	388	<1	2.39	6	920	10	0.70	<5	8	225	20	0.75	<10
H743779		20	0.09	50	8	2.03	<1	260	31	0.31	<5	3	101	20	0.05	<10
H743780		10	0.21	592	<1	2.75	1	190	8	<0.01	<5	5	176	<20	0.12	<10
H743781		50	3.30	997	<1	3.34	14	2070	6	1.67	<5	16	308	20	1.70	<10
H743782		20	0.11	164	<1	2.47	<1	290	32	0.07	<5	2	126	<20	0.04	<10
H743783		50	2.59	1060	<1	2.72	14	1800	2	0.18	<5	15	265	20	1.67	<10
H743783 CRD		50	2.77	1135	<1	2.84	17	1900	<2	0.19	<5	16	277	20	1.77	<10
H743784		30	0.15	146	2	2.58	<1	260	30	0.06	<5	3	116	20	0.06	<10
H743785		30	0.16	140	1	2.69	<1	240	27	0.06	<5	3	113	20	0.06	<10
H743786		10	10.40	1195	<1	0.82	1445	170	6	0.33	<5	20	194	<20	0.12	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 12-OCT-2009
Account: MGMAM

Project: SD09-186 BL

CERTIFICATE OF ANALYSIS TB09107473

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H743769		20	5	<10	18	<0.001	<0.0005	<0.001			
H743770		<10	76	<10	66	0.063	0.199	0.739			
H743771		10	5	<10	18	<0.001	<0.0005	<0.001			
H743772		<10	235	<10	145	<0.001	<0.0005	<0.001			
H743773		20	7	<10	17	<0.001	<0.0005	<0.001			
H743774		10	5	<10	14	<0.001	<0.0005	<0.001			
H743775		<10	216	<10	113	0.035	<0.0005	<0.001			
H743776		<10	243	<10	122	<0.001	<0.0005	<0.001			
H743777		10	36	<10	30	<0.001	<0.0005	<0.001			
H743778		10	98	<10	46	<0.001	<0.0005	<0.001			
H743779		20	6	<10	20	<0.001	<0.0005	<0.001			
H743780		10	16	<10	28	<0.001	<0.0005	<0.001			
H743781		<10	214	<10	112	<0.001	<0.0005	<0.001			
H743782		20	4	<10	21	<0.001	<0.0005	<0.001			
H743783		<10	220	<10	63	<0.001	<0.0005	<0.001			
H743783 CRD		<10	234	<10	67	<0.001	<0.0005	<0.001			
H743784		20	7	<10	23	<0.001	<0.0005	<0.001			
H743785		20	6	<10	18	<0.001	<0.0005	<0.001			
H743786		10	114	<10	299	0.120	>1.00	0.574	0.10	1.20	0.54

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THUNDER BAY ON P7B 6V1

Finalized Date: 13-OCT-2009
Account: MGMAM

CERTIFICATE TB09106899

Project: SD09-185 BL

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H065457		1.71	<0.5	2.58	9	120	0.6	2	3.43	<0.5	117	2260	145	9.78	10	0.35
H065458		1.29	<0.5	8.02	11	580	1.5	3	0.46	<0.5	23	122	8	3.78	20	2.52
H743691		3.88	<0.5	6.55	9	1270	1.6	2	0.18	<0.5	1	12	2	0.74	20	3.82
H743692		3.84	0.5	6.65	7	1570	1.6	<2	0.28	<0.5	2	18	9	0.90	20	3.62
H743693		2.14	<0.5	5.43	26	2550	1.7	2	6.47	<0.5	49	288	215	7.95	20	0.65
H743694		2.92	<0.5	6.31	24	770	1.7	4	5.10	<0.5	37	135	120	7.38	20	0.78
H743695		3.13	<0.5	4.19	45	790	1.0	4	4.44	<0.5	67	945	152	7.90	10	0.24
H743696		1.21	<0.5	5.23	51	230	1.3	3	4.68	<0.5	39	411	144	7.11	10	0.43
H743697		4.23	<0.5	3.26	18	210	0.8	3	3.31	<0.5	97	1490	169	8.82	10	0.23
H743698		2.57	<0.5	4.57	63	1480	1.1	4	3.80	<0.5	65	978	135	7.77	10	0.18
H743699		4.16	<0.5	3.32	29	290	0.9	<2	2.16	<0.5	106	1840	163	8.95	10	0.25
H743700		0.09	<0.5	6.46	8	1000	1.0	<2	1.33	<0.5	2	27	17	1.58	10	2.11
H743701		3.24	<0.5	3.45	39	240	0.9	<2	4.74	<0.5	89	1425	151	8.41	10	0.39
H743702		4.57	<0.5	3.12	42	120	0.8	2	2.85	<0.5	103	1850	126	9.44	10	0.34
H743703		4.14	<0.5	2.91	<5	160	0.7	3	4.14	<0.5	109	1895	166	9.85	10	0.41
H743703 CRD		<0.02	<0.5	2.90	7	150	0.7	3	4.00	<0.5	107	1805	159	9.55	10	0.40
H743704		4.27	<0.5	2.78	6	140	0.6	2	4.58	<0.5	108	1830	163	9.58	10	0.39
H743705		4.42	<0.5	2.67	7	130	0.6	2	3.81	<0.5	116	1680	186	9.92	10	0.39
H743706		4.41	<0.5	2.71	7	140	0.6	<2	4.05	<0.5	113	1905	170	9.78	10	0.38
H743707		4.27	<0.5	2.57	16	130	0.6	<2	4.31	<0.5	114	1955	170	9.90	10	0.38
H743708		4.24	<0.5	2.57	20	130	0.6	<2	4.17	<0.5	113	1990	184	9.90	10	0.38
H743709		4.25	<0.5	2.46	12	130	0.5	<2	3.81	<0.5	109	1930	149	9.48	10	0.36
H743710		0.11	<0.5	6.73	8	60	<0.5	2	4.82	<0.5	76	3400	669	6.18	10	0.15
H743711		4.33	<0.5	2.60	17	120	0.6	2	3.89	<0.5	116	2100	174	10.05	10	0.36
H743712		4.16	<0.5	2.55	19	120	0.6	<2	3.70	<0.5	108	1915	141	9.23	10	0.33
H743713		2.10	<0.5	2.55	11	110	0.5	2	3.75	<0.5	115	2130	167	9.91	10	0.36
H743714		2.07	<0.5	2.41	13	120	0.5	<2	3.84	<0.5	115	2190	168	9.89	10	0.37
H743715		4.40	<0.5	2.45	12	120	0.6	2	3.79	<0.5	114	2290	148	9.75	10	0.36
H743716		2.28	<0.5	2.21	5	100	0.5	<2	3.89	<0.5	115	2330	155	9.75	10	0.30
H743717		2.17	<0.5	2.35	12	110	0.5	3	3.61	<0.5	116	2380	131	9.48	10	0.34
H743718		2.30	<0.5	2.28	16	100	0.5	<2	3.66	<0.5	114	2400	143	9.38	10	0.29
H743719		2.13	<0.5	2.25	17	100	0.5	3	3.38	<0.5	113	2420	130	9.28	10	0.28
H743720		2.26	<0.5	2.50	12	110	0.5	<2	3.46	<0.5	118	2540	137	9.90	10	0.34
H743721		4.19	<0.5	2.41	8	120	0.5	2	3.19	<0.5	117	2400	127	9.66	10	0.32
H743722		4.16	<0.5	2.54	12	120	0.6	<2	3.01	<0.5	119	2520	133	9.59	10	0.32
H743723		4.21	<0.5	2.44	11	120	0.6	2	3.12	<0.5	117	2680	168	9.59	10	0.32
H743723 CRD		<0.02	<0.5	2.51	17	130	0.6	2	3.23	<0.5	118	2790	158	9.75	10	0.32
H743724		4.39	<0.5	2.51	13	130	0.6	<2	3.10	<0.5	116	2720	139	9.50	10	0.31
H743725		4.38	<0.5	2.48	9	120	0.5	<2	3.04	<0.5	122	2790	139	9.65	10	0.29
H743726		4.40	<0.5	2.44	8	110	0.5	2	2.93	<0.5	116	3040	148	9.30	10	0.28

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H065457		10	14.80	1435	<1	0.64	996	660	5	0.82	6	16	340	<20	0.66	<10
H065458		20	1.53	396	<1	1.88	83	780	5	0.26	<5	19	245	<20	0.40	<10
H743691		20	0.34	66	1	2.16	3	230	3	0.39	<5	3	190	<20	0.03	<10
H743692		20	0.41	83	1	2.73	8	250	29	0.43	<5	3	201	<20	0.05	<10
H743693		20	5.66	1530	<1	1.97	159	1090	13	0.62	<5	35	1235	<20	1.45	<10
H743694		30	4.23	1490	<1	2.69	90	1370	16	1.22	<5	27	1140	<20	1.78	<10
H743695		20	9.23	1215	<1	1.08	392	990	9	1.38	<5	25	422	<20	1.06	<10
H743696		20	6.56	903	<1	2.18	200	970	12	3.94	<5	28	531	<20	1.25	<10
H743697		10	12.70	1360	<1	0.31	641	630	7	0.12	<5	26	155	<20	0.89	<10
H743698		20	10.70	1415	<1	1.17	415	890	8	1.17	<5	24	303	<20	1.06	<10
H743699		10	13.95	1350	<1	0.18	783	770	8	0.31	5	24	105	<20	0.88	10
H743700		10	0.25	588	<1	2.60	4	190	9	<0.01	<5	5	184	<20	0.12	<10
H743701		20	11.60	1425	<1	0.69	636	790	5	0.26	<5	24	242	<20	0.83	<10
H743702		20	13.25	1455	<1	0.37	781	670	7	0.39	<5	18	214	<20	0.81	<10
H743703		10	13.55	1460	<1	0.54	834	620	6	0.08	5	20	342	<20	0.75	<10
H743703 CRD		10	13.15	1425	<1	0.54	801	610	9	0.07	<5	19	345	<20	0.73	<10
H743704		10	13.60	1450	<1	0.46	796	590	7	0.07	<5	21	350	<20	0.72	<10
H743705		10	14.25	1475	<1	0.44	867	610	5	0.07	<5	18	339	<20	0.71	<10
H743706		10	13.80	1450	<1	0.50	852	670	3	0.05	5	19	341	<20	0.75	<10
H743707		10	14.05	1475	<1	0.43	861	600	6	0.19	<5	20	320	<20	0.74	<10
H743708		10	13.95	1475	<1	0.44	864	580	6	0.16	<5	20	325	<20	0.71	<10
H743709		10	13.35	1405	<1	0.44	796	620	5	0.24	<5	18	313	<20	0.67	<10
H743710		<10	9.75	1130	<1	0.73	1375	150	10	0.32	20	19	190	<20	0.11	<10
H743711		10	14.30	1485	<1	0.49	869	700	6	0.28	<5	18	327	<20	0.73	<10
H743712		10	13.25	1340	<1	0.44	823	660	5	0.44	<5	16	308	<20	0.68	<10
H743713		10	14.05	1480	<1	0.47	869	620	7	0.21	<5	18	324	<20	0.71	<10
H743714		10	14.30	1470	<1	0.50	884	660	6	0.56	<5	18	321	<20	0.68	<10
H743715		10	13.95	1440	<1	0.51	883	610	8	0.86	6	17	322	<20	0.67	<10
H743716		10	14.25	1445	<1	0.47	907	550	3	0.88	<5	18	284	<20	0.65	<10
H743717		10	14.30	1390	<1	0.56	910	610	6	1.38	5	17	323	<20	0.61	<10
H743718		10	14.35	1385	<1	0.50	935	560	7	1.58	<5	17	301	<20	0.58	<10
H743719		10	14.05	1375	<1	0.48	922	620	7	1.66	6	16	282	<20	0.57	<10
H743720		10	15.00	1450	<1	0.61	987	630	6	0.79	<5	16	334	<20	0.66	<10
H743721		10	14.75	1415	<1	0.65	986	630	4	0.13	<5	15	324	<20	0.69	<10
H743722		10	14.95	1415	<1	0.67	1005	660	7	0.46	5	14	355	<20	0.66	<10
H743723		10	14.90	1425	<1	0.62	1025	640	4	1.31	5	14	333	<20	0.61	<10
H743723 CRD		10	15.15	1450	<1	0.59	1020	650	4	1.50	8	14	340	<20	0.60	<10
H743724		10	14.95	1400	<1	0.63	1025	650	5	0.78	<5	15	323	<20	0.62	<10
H743725		10	15.50	1420	<1	0.69	1095	640	4	0.34	<5	15	331	<20	0.67	<10
H743726		10	15.20	1355	<1	0.64	1125	590	4	0.33	5	14	316	<20	0.62	<10

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H065457		<10	149	<10	105	0.005	0.0331	0.024			
H065458		<10	148	<10	41	0.002	0.0020	0.002			
H743691		10	5	<10	2	0.003	<0.0005	<0.001			
H743692		10	6	<10	22	0.003	0.0042	0.001			
H743693		<10	297	<10	82	0.004	0.0083	0.003			
H743694		<10	314	<10	85	0.003	0.0008	<0.001			
H743695		<10	191	<10	58	0.006	0.0229	0.013			
H743696		<10	209	<10	45	0.007	0.0049	0.005			
H743697		<10	194	<10	110	0.007	0.0329	0.025			
H743698		<10	195	<10	95	0.006	0.0233	0.015			
H743699		<10	192	<10	116	0.006	0.0356	0.023			
H743700		10	16	<10	29	0.002	0.0009	<0.001			
H743701		<10	177	<10	88	0.006	0.0267	0.017			
H743702		<10	176	<10	106	0.006	0.0279	0.017			
H743703		<10	168	<10	108	0.007	0.0358	0.025			
H743703 CRD		<10	161	<10	104	0.006	0.0332	0.022			
H743704		<10	155	<10	102	0.007	0.0368	0.028			
H743705		<10	152	<10	107	0.006	0.0462	0.039			
H743706		<10	161	<10	105	0.006	0.0360	0.027			
H743707		<10	161	<10	106	0.005	0.0289	0.020			
H743708		<10	160	<10	105	0.007	0.0420	0.032			
H743709		<10	151	<10	102	0.005	0.0298	0.021			
H743710		<10	114	<10	292	0.102	>1.00	0.554	0.11	1.21	0.56
H743711		<10	162	<10	109	0.009	0.0356	0.026			
H743712		<10	156	<10	98	0.005	0.0365	0.026			
H743713		<10	158	<10	107	0.004	0.0316	0.023			
H743714		<10	155	<10	106	0.007	0.0444	0.036			
H743715		<10	156	<10	107	0.006	0.0301	0.021			
H743716		<10	152	<10	104	0.006	0.0304	0.022			
H743717		<10	146	<10	99	0.005	0.0216	0.014			
H743718		<10	141	<10	102	0.006	0.0276	0.019			
H743719		<10	141	<10	104	0.005	0.0211	0.012			
H743720		<10	152	<10	106	0.006	0.0338	0.026			
H743721		<10	150	<10	104	0.005	0.0316	0.023			
H743722		<10	143	<10	104	0.005	0.0414	0.033			
H743723		<10	143	<10	104	0.007	0.0634	0.052			
H743723 CRD		<10	142	<10	105	0.006	0.0528	0.045			
H743724		<10	140	<10	103	0.005	0.0483	0.035			
H743725		<10	141	<10	103	0.005	0.0452	0.032			
H743726		<10	140	<10	99	0.006	0.0558	0.042			

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Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743727		4.29	<0.5	2.31	8	110	0.5	<2	2.93	<0.5	117	3290	165	9.44	10	0.31
H743728		4.33	<0.5	2.46	14	120	0.5	3	2.99	<0.5	117	2770	121	9.48	10	0.28
H743729		4.43	<0.5	2.47	14	120	0.5	<2	3.05	<0.5	120	2650	106	9.81	10	0.25
H743730		0.11	0.9	8.47	<5	70	<0.5	3	6.68	<0.5	101	434	3470	6.10	10	0.37
H743731		4.27	<0.5	2.42	14	110	0.5	<2	3.06	<0.5	119	2540	124	9.69	10	0.25
H743732		4.47	<0.5	2.38	7	120	0.5	<2	3.01	<0.5	119	2510	116	9.62	10	0.29
H743733		4.24	<0.5	2.54	8	130	0.5	3	3.20	<0.5	118	2540	104	9.65	10	0.32
H743734		2.13	<0.5	2.37	13	120	0.5	3	3.11	<0.5	119	2600	97	9.41	10	0.29
H743735		4.26	<0.5	2.51	14	120	0.5	<2	2.93	<0.5	121	2780	106	9.79	10	0.29
H743736		4.31	<0.5	2.41	9	130	0.5	3	2.83	<0.5	116	2630	124	9.42	10	0.27
H743737		2.25	<0.5	2.38	11	130	0.6	<2	2.78	<0.5	119	2690	107	9.54	10	0.29
H743738		4.24	<0.5	2.31	5	130	0.6	2	2.87	<0.5	125	2550	124	10.00	10	0.26
H743739		4.20	<0.5	2.48	6	130	0.6	3	2.81	<0.5	122	2390	92	9.70	10	0.29
H743740		0.09	<0.5	5.90	<5	930	1.0	<2	1.23	<0.5	2	32	15	1.49	10	1.97
H743741		4.41	<0.5	2.43	7	140	0.6	<2	2.67	<0.5	120	2320	101	9.50	10	0.34
H743742		4.36	<0.5	2.51	<5	140	0.6	4	2.86	<0.5	123	2520	102	9.82	10	0.28
H743743		4.51	<0.5	2.24	<5	130	0.6	<2	2.85	<0.5	123	2620	132	9.66	10	0.25
H743743 CRD		<0.02	<0.5	2.58	5	130	0.6	3	2.98	<0.5	126	2420	145	9.96	10	0.26
H743744		4.38	<0.5	2.48	5	130	0.6	<2	2.89	<0.5	124	2450	133	9.68	10	0.29
H743745		4.36	<0.5	2.54	17	120	0.6	4	3.22	<0.5	120	2550	153	9.54	10	0.32
H743746		2.14	<0.5	2.45	15	130	0.5	<2	3.01	<0.5	119	2590	223	9.44	10	0.28
H743747		2.17	<0.5	2.46	18	120	0.5	2	3.07	<0.5	114	2510	243	9.16	10	0.28
H743748		4.51	<0.5	2.68	13	150	0.6	5	3.03	<0.5	112	2420	174	9.24	10	0.35
H743749		2.01	<0.5	2.86	16	150	0.7	<2	3.31	<0.5	113	2570	159	9.27	10	0.38
H743750		0.11	<0.5	6.60	<5	60	<0.5	<2	4.73	<0.5	76	3380	658	6.06	10	0.15
H743751		4.42	<0.5	2.81	15	140	0.6	<2	3.22	<0.5	117	2500	189	9.60	10	0.38
H743752		4.25	<0.5	3.09	10	150	0.6	2	3.48	<0.5	108	2500	212	9.38	10	0.47
H743753		4.44	<0.5	3.41	<5	170	0.8	<2	3.72	<0.5	106	2410	187	9.41	10	0.46
H743754		4.43	<0.5	3.67	6	200	1.0	2	4.27	<0.5	95	2060	185	9.17	10	0.54
H743755		2.93	<0.5	4.36	10	220	1.1	4	4.52	<0.5	82	1520	211	8.78	10	0.49
H743756		3.20	<0.5	7.49	8	550	1.9	2	0.51	<0.5	18	111	49	3.65	20	2.11
H743757		4.10	<0.5	8.42	6	730	2.1	2	0.41	<0.5	24	130	22	4.40	20	2.82
H743758		4.51	<0.5	8.23	8	620	1.8	<2	0.46	<0.5	24	125	20	4.26	20	2.63
H743759		3.91	<0.5	8.49	8	720	1.8	4	0.49	<0.5	26	131	73	5.12	20	2.77
H743760		1.52	<0.5	7.95	<5	570	1.5	<2	0.47	<0.5	23	122	9	3.80	20	2.54
H743761		2.65	<0.5	7.53	10	370	2.3	6	2.57	<0.5	37	11	15	7.50	20	0.85
H743762		3.08	<0.5	7.67	14	300	1.8	5	3.27	<0.5	50	29	22	9.33	20	0.94
H743763		3.96	<0.5	7.46	8	260	1.8	4	3.54	<0.5	69	57	77	12.20	20	0.79
H743763 CRD		<0.02	<0.5	7.42	10	250	1.7	5	3.47	<0.5	67	52	79	11.90	20	0.76
H743764		3.92	<0.5	7.98	9	460	1.9	2	3.01	<0.5	47	20	19	9.28	20	1.08

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743727		10	15.15	1385	<1	0.64	1130	610	4	0.85	6	14	318	<20	0.59	<10
H743728		10	14.80	1390	<1	0.69	1040	680	5	1.04	5	14	318	<20	0.64	<10
H743729		10	15.25	1420	<1	0.71	1060	630	5	1.82	<5	15	319	<20	0.57	<10
H743730		<10	5.87	804	2	1.02	2990	90	8	1.60	<5	14	87	<20	0.12	<10
H743731		10	15.00	1405	<1	0.67	1005	620	7	1.71	7	14	336	<20	0.55	<10
H743732		10	14.85	1420	<1	0.64	979	610	5	1.41	5	14	323	<20	0.57	<10
H743733		10	15.05	1425	<1	0.62	998	630	5	0.79	<5	14	365	<20	0.63	<10
H743734		10	14.90	1355	<1	0.62	1010	590	3	1.41	6	14	416	<20	0.56	<10
H743735		10	15.75	1425	<1	0.68	1065	610	6	0.63	<5	14	326	<20	0.61	<10
H743736		10	15.05	1375	<1	0.67	1050	580	7	0.19	<5	13	315	<20	0.61	<10
H743737		10	15.05	1390	<1	0.67	1025	590	6	0.44	<5	13	311	<20	0.60	<10
H743738		10	15.80	1465	<1	0.69	1055	610	5	0.12	7	12	312	<20	0.64	<10
H743739		10	15.25	1410	<1	0.66	987	610	6	0.26	<5	13	311	<20	0.61	<10
H743740		10	0.22	555	<1	2.46	3	180	8	<0.01	<5	4	172	<20	0.11	<10
H743741		10	14.95	1380	<1	0.67	989	580	7	0.25	<5	12	297	<20	0.61	<10
H743742		10	15.70	1435	<1	0.71	1065	560	5	0.03	<5	14	351	<20	0.64	<10
H743743		10	15.30	1420	<1	0.64	1075	550	5	0.04	7	12	310	<20	0.64	<10
H743743 CRD		10	15.90	1470	<1	0.67	1105	570	6	0.04	<5	14	334	<20	0.65	<10
H743744		10	15.50	1415	<1	0.70	1090	620	6	0.04	<5	14	331	<20	0.65	<10
H743745		10	15.05	1405	<1	0.61	1090	570	6	0.75	6	14	356	<20	0.63	<10
H743746		10	14.85	1355	<1	0.63	1115	590	5	1.53	<5	14	362	<20	0.58	<10
H743747		10	14.40	1295	<1	0.64	1070	590	5	1.45	<5	14	370	<20	0.58	<10
H743748		10	14.60	1360	<1	0.76	1045	630	5	0.38	<5	14	342	<20	0.66	<10
H743749		10	14.55	1370	<1	0.72	1030	650	5	0.70	5	15	354	<20	0.69	<10
H743750		<10	9.58	1115	<1	0.71	1330	150	8	0.32	14	19	185	<20	0.11	<10
H743751		10	14.80	1405	<1	0.68	1085	620	5	0.77	5	15	343	<20	0.69	<10
H743752		10	13.80	1360	<1	0.69	1005	710	6	0.71	6	16	390	<20	0.76	<10
H743753		20	13.20	1370	<1	0.77	984	780	6	0.07	5	17	410	<20	0.86	<10
H743754		20	11.80	1405	<1	0.72	800	830	7	0.40	<5	20	411	<20	0.93	<10
H743755		20	9.93	1405	<1	1.08	660	910	14	0.31	<5	21	513	<20	1.04	<10
H743756		20	1.70	366	<1	2.43	69	740	6	0.34	<5	14	251	<20	0.36	<10
H743757		20	1.75	399	1	1.75	84	890	3	0.16	<5	18	205	<20	0.44	<10
H743758		20	1.63	387	1	1.84	81	880	4	0.24	<5	18	193	<20	0.43	<10
H743759		20	1.85	515	<1	1.65	89	940	6	0.35	<5	17	208	<20	0.44	<10
H743760		20	1.46	402	<1	1.77	73	780	5	0.29	<5	19	230	<20	0.39	<10
H743761		40	2.63	730	2	3.53	11	1840	9	1.96	<5	16	317	<20	1.54	<10
H743762		40	2.85	875	1	3.11	26	1860	9	1.33	<5	16	224	<20	1.82	<10
H743763		40	3.71	1185	1	2.65	56	1700	12	1.46	<5	15	258	<20	2.16	<10
H743763 CRD		30	3.64	1150	1	2.67	54	1680	13	1.45	<5	15	261	<20	2.16	<10
H743764		40	2.93	1125	1	3.28	23	1830	7	0.89	<5	16	300	<20	1.78	<10

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743727		<10	144	<10	106	0.007	0.0673	0.042			
H743728		<10	146	<10	103	0.006	0.0472	0.034			
H743729		<10	144	<10	105	0.005	0.0330	0.020			
H743730		<10	78	<10	69	0.065	0.210	0.726			
H743731		<10	141	<10	110	0.005	0.0442	0.033			
H743732		<10	139	<10	106	0.005	0.0377	0.028			
H743733		<10	138	<10	104	0.005	0.0298	0.022			
H743734		<10	134	<10	101	0.004	0.0331	0.022			
H743735		<10	142	<10	103	0.005	0.0382	0.028			
H743736		<10	135	<10	101	0.006	0.0496	0.037			
H743737		<10	136	<10	101	0.005	0.0350	0.024			
H743738		<10	140	<10	106	0.006	0.0463	0.033			
H743739		<10	134	<10	102	0.005	0.0297	0.019			
H743740		10	16	<10	27	0.003	0.0005	<0.001			
H743741		<10	132	<10	101	0.006	0.0401	0.031			
H743742		<10	139	<10	103	0.005	0.0306	0.020			
H743743		<10	138	<10	107	0.006	0.0495	0.040			
H743743 CRD		<10	138	<10	108	0.007	0.0496	0.037			
H743744		<10	138	<10	104	0.006	0.0449	0.031			
H743745		<10	137	<10	105	0.008	0.0660	0.053			
H743746		<10	135	<10	100	0.009	0.0886	0.070			
H743747		<10	132	<10	94	0.010	0.0882	0.070			
H743748		<10	140	<10	98	0.009	0.0633	0.049			
H743749		<10	148	<10	99	0.006	0.0521	0.038			
H743750		<10	111	<10	286	0.122	>1.00	0.590	0.11	1.22	0.55
H743751		<10	152	<10	107	0.008	0.0838	0.064			
H743752		<10	161	<10	102	0.008	0.0755	0.060			
H743753		<10	175	<10	109	0.007	0.0585	0.043			
H743754		<10	190	<10	119	0.008	0.0558	0.047			
H743755		<10	204	<10	180	0.017	0.288	0.102			
H743756		10	115	<10	42	0.003	0.0075	0.006			
H743757		<10	150	<10	53	0.002	0.0019	0.002			
H743758		<10	146	<10	53	0.002	0.0024	0.002			
H743759		<10	144	<10	79	0.002	0.0016	0.001			
H743760		<10	148	<10	41	0.002	0.0019	0.002			
H743761		<10	199	<10	79	<0.001	<0.0005	<0.001			
H743762		<10	270	<10	117	0.002	<0.0005	<0.001			
H743763		<10	404	<10	160	0.003	0.0005	<0.001			
H743763 CRD		<10	395	<10	157	<0.001	<0.0005	<0.001			
H743764		<10	256	<10	117	<0.001	<0.0005	<0.001			

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743765		2.76	<0.5	8.09	6	670	1.8	<2	0.61	<0.5	26	128	49	4.95	20	2.82
H743766		1.02	<0.5	7.82	10	90	1.7	4	2.73	<0.5	36	16	33	7.64	20	0.36
H743767		4.77	<0.5	8.07	7	700	1.6	2	0.58	<0.5	23	119	20	4.14	20	2.42
H743768		2.13	<0.5	8.26	6	570	1.8	5	0.72	<0.5	24	114	2	3.58	30	2.17

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THUNDER BAY ON P7B 6V1

Finalized Date: 13-OCT-2009
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Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H743765		20	1.96	508	1	1.75	84	930	18	0.70	<5	15	220	<20	0.43	<10
H743766		40	3.48	798	1	2.73	18	1820	8	0.91	<5	16	156	<20	1.67	<10
H743767		20	1.58	413	<1	1.74	77	810	6	0.25	<5	19	242	<20	0.42	<10
H743768		20	1.39	397	20	2.41	71	760	8	0.22	<5	20	274	<20	0.43	<10

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Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-185 BL

CERTIFICATE OF ANALYSIS TB09106899

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H743765		<10	140	<10	53	<0.001	0.0010	0.002			
H743766		<10	220	<10	88	<0.001	<0.0005	<0.001			
H743767		<10	148	<10	60	<0.001	0.0012	0.002			
H743768		<10	154	<10	56	<0.001	0.0012	0.002			

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

Finalized Date: 14-OCT-2009
Account: MGMAM

CERTIFICATE TB09107472

Project: SD09-187 BL

P.O. No.:

This report is for 41 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 30-SEP-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	ICP-AES

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14-OCT-2009
Account: MGMAM

Project: SD09-187 BL

CERTIFICATE OF ANALYSIS TB09107472

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E809601		0.97	<0.5	4.32	19	80	1.5	<2	4.39	0.6	82	1280	523	9.71	10	0.21
H743787		3.88	<0.5	6.97	<5	850	2.1	<2	0.20	<0.5	2	44	5	1.10	20	4.34
H743788		3.53	<0.5	6.81	7	1070	1.6	<2	0.34	<0.5	3	10	5	1.26	20	4.40
H743789		0.81	<0.5	5.43	8	900	2.4	<2	3.32	<0.5	51	364	653	7.34	20	0.31
H743790		1.25	<0.5	4.12	17	90	1.5	<2	4.17	0.6	80	1240	559	9.23	10	0.20
H743791		3.94	<0.5	4.18	12	720	0.9	<2	4.75	<0.5	88	1330	271	9.58	10	0.40
H743792		4.64	<0.5	3.66	<5	170	0.8	<2	3.84	<0.5	98	1750	179	9.66	10	0.49
H743793		4.78	<0.5	3.48	<5	180	0.8	<2	3.69	<0.5	103	2180	159	9.73	10	0.53
H743794		4.62	<0.5	3.60	<5	170	0.8	3	3.93	<0.5	105	2260	159	10.15	10	0.49
H743795		2.35	1.7	3.34	<5	150	0.7	4	3.50	<0.5	161	2060	3330	11.30	10	0.33
H743796		2.33	1.2	3.49	<5	460	0.8	<2	3.62	<0.5	130	2150	2410	10.60	10	0.33
H743797		2.16	1.7	3.37	10	570	0.7	<2	2.97	<0.5	158	2130	3810	11.30	10	0.26
H743798		2.75	1.7	3.42	16	90	1.1	<2	2.63	<0.5	128	2030	2810	10.40	10	0.36
H743799		2.27	<0.5	3.63	6	60	0.8	<2	2.99	<0.5	101	2150	616	9.89	10	0.35
H743800		0.14	0.7	8.68	<5	70	<0.5	4	6.70	<0.5	100	437	3440	6.46	10	0.39
H743801		2.36	1.7	3.64	5	110	0.9	<2	3.23	<0.5	128	2050	3400	10.80	10	0.39
H743802		2.44	1.7	3.40	28	40	1.1	<2	2.63	<0.5	115	2080	2210	10.15	10	0.28
H743803		2.19	<0.5	3.43	6	50	0.9	<2	2.88	<0.5	104	2390	379	10.20	10	0.39
H743803 CRD		<0.02	<0.5	3.31	<5	50	0.9	<2	2.71	<0.5	101	2360	351	9.88	10	0.39
H743804		2.40	0.9	3.05	16	40	0.9	<2	2.45	<0.5	132	2220	2150	10.40	10	0.32
H743805		1.49	1.8	3.30	9	30	0.7	2	3.77	<0.5	159	2080	4450	11.35	10	0.16
H743806		1.44	4.7	3.51	25	30	0.9	<2	3.30	<0.5	216	1790	6930	13.60	10	0.19
H743807		1.73	30.3	6.32	29	90	2.3	<2	2.43	<0.5	147	129	9480	11.70	20	0.40
H743808		1.66	7.3	3.81	13	40	2.0	2	1.74	1.5	206	1640	9240	14.10	10	0.49
H743809		1.10	0.5	6.43	6	760	1.6	<2	0.12	<0.5	13	14	2400	3.76	20	4.59
H743810		0.09	0.5	6.42	<5	940	1.0	<2	1.35	<0.5	3	27	26	1.66	10	2.18
H743811		1.14	1.0	6.36	24	340	1.2	2	0.14	<0.5	75	26	3070	6.85	20	3.23
H743812		3.01	0.5	3.72	46	60	0.9	2	1.53	<0.5	109	2320	1275	10.75	10	0.29
H743813		2.29	<0.5	2.93	<5	120	0.6	<2	2.52	<0.5	119	2490	268	10.30	10	0.29
H743814		2.37	<0.5	2.89	19	100	0.9	<2	2.32	<0.5	127	2790	558	10.60	10	0.41
H743815		2.49	<0.5	2.98	34	130	0.7	2	2.33	<0.5	125	2660	732	10.65	10	0.35
H743816		2.51	0.5	3.23	5	130	0.8	<2	2.43	<0.5	131	2790	834	11.35	10	0.34
H743817		2.51	1.3	3.75	5	170	0.9	<2	2.72	0.5	138	1530	1980	12.65	10	0.36
H743818		2.42	0.7	4.50	16	510	1.4	<2	2.04	<0.5	101	1210	453	10.75	10	0.48
H743819		2.45	0.7	4.57	7	910	1.1	<2	2.53	<0.5	102	1000	535	11.20	20	0.39
H743820		0.12	0.5	6.79	<5	70	<0.5	3	4.71	<0.5	75	3320	652	6.35	10	0.16
H743821		1.78	<0.5	5.31	<5	310	1.4	<2	2.63	<0.5	97	714	84	11.10	20	0.48
H743822		0.97	<0.5	6.92	11	200	2.6	<2	4.14	<0.5	61	96	98	10.65	20	0.37
H743823		4.24	<0.5	6.76	7	1340	1.6	<2	0.40	<0.5	2	12	3	1.19	20	4.85
H743823 CRD		<0.02	<0.5	6.60	5	1290	1.6	<2	0.46	<0.5	2	14	8	1.21	20	4.68

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

Finalized Date: 14-OCT-2009
Account: MGMAM

Project: SD09-187 BL

CERTIFICATE OF ANALYSIS TB09107472

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809601		30	10.25	1785	<1	1.09	682	1030	41	1.12	<5	23	151	<20	1.05	<10
H743787		30	0.36	97	<1	2.29	27	270	10	0.49	<5	3	177	20	0.06	<10
H743788		40	0.34	147	<1	2.66	7	410	5	0.55	<5	2	162	30	0.09	<10
H743789		40	5.00	1215	2	2.16	378	1070	20	1.32	<5	22	177	<20	1.06	<10
H743790		30	9.78	1710	<1	1.04	659	980	60	1.09	<5	22	142	<20	1.01	<10
H743791		30	10.75	1470	<1	0.95	682	970	31	0.27	<5	21	607	<20	1.11	<10
H743792		30	12.90	1390	<1	0.85	868	820	2	0.12	<5	17	434	<20	0.88	<10
H743793		30	13.60	1410	1	0.72	921	760	5	0.31	<5	17	394	<20	0.82	10
H743794		30	13.75	1450	<1	0.79	927	830	2	0.25	<5	18	427	<20	0.87	<10
H743795		20	12.30	1355	<1	0.63	2520	770	9	1.75	<5	17	357	<20	0.81	<10
H743796		30	12.55	1370	<1	0.68	1795	780	7	1.30	<5	17	448	<20	0.84	<10
H743797		20	12.80	1440	<1	0.46	2590	820	7	2.65	<5	17	265	<20	0.79	<10
H743798		20	12.70	1450	1	0.41	1920	700	7	2.10	<5	18	166	<20	0.82	<10
H743799		30	12.85	1470	<1	0.44	1050	850	5	0.95	<5	19	156	<20	0.89	<10
H743800		10	6.12	826	1	1.14	2990	90	5	1.57	<5	16	85	<20	0.12	<10
H743801		30	11.95	1430	<1	0.61	1950	850	13	2.20	<5	20	260	<20	0.88	<10
H743802		20	12.70	1400	<1	0.33	1560	780	19	2.07	<5	19	118	<20	0.84	<10
H743803		20	13.75	1750	<1	0.36	996	790	13	0.73	<5	19	115	<20	0.90	<10
H743803 CRD		20	13.35	1710	1	0.34	1010	770	11	0.71	<5	19	102	<20	0.88	10
H743804		20	12.65	1465	<1	0.25	1860	690	19	2.31	<5	17	92	<20	0.79	<10
H743805		20	12.25	1690	<1	0.25	2620	700	29	2.75	<5	19	105	<20	0.86	<10
H743806		20	10.70	1610	<1	0.51	4720	780	12	4.88	<5	21	85	<20	1.00	<10
H743807		30	4.43	1240	<1	2.58	3850	1120	9	6.94	<5	20	236	<20	1.64	<10
H743808		20	10.30	984	<1	0.56	4760	660	16	5.88	<5	17	61	<20	0.82	<10
H743809		20	1.06	143	<1	1.28	485	200	6	0.94	<5	4	101	<20	0.06	<10
H743810		10	0.22	600	<1	2.77	5	200	8	0.01	<5	5	180	<20	0.12	<10
H743811		20	1.95	193	<1	1.07	2350	230	21	2.49	<5	4	60	<20	0.06	<10
H743812		20	14.00	1370	<1	0.39	1040	680	7	2.05	<5	15	190	<20	0.82	<10
H743813		20	14.20	1370	<1	0.65	1130	590	<2	1.43	<5	13	296	<20	0.73	<10
H743814		20	14.20	1445	<1	0.61	1240	470	7	2.26	<5	14	248	<20	0.74	<10
H743815		20	14.10	1515	1	0.65	1370	750	9	2.12	<5	14	247	<20	0.76	<10
H743816		20	13.65	1455	<1	0.70	1250	700	5	1.86	<5	13	318	<20	0.85	<10
H743817		20	11.30	1465	<1	0.91	1215	890	10	3.59	<5	12	459	<20	1.06	10
H743818		30	12.15	1545	<1	0.70	664	920	5	1.53	<5	13	447	<20	0.96	<10
H743819		30	11.00	1560	<1	0.74	616	1020	8	0.65	<5	14	340	<20	1.15	<10
H743820		10	10.10	1135	1	0.77	1370	150	6	0.31	<5	19	184	<20	0.11	<10
H743821		30	9.70	1890	<1	1.23	438	1290	36	1.22	<5	15	264	<20	1.38	<10
H743822		40	4.73	1255	<1	2.78	87	1160	70	5.67	<5	14	126	20	1.80	<10
H743823		50	0.32	117	<1	2.09	2	340	8	0.53	<5	3	221	30	0.09	<10
H743823 CRD		50	0.34	128	<1	2.06	5	320	11	0.51	<5	3	218	20	0.09	<10

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

Finalized Date: 14-OCT-2009
Account: MGMAM

Project: SD09-187 BL

CERTIFICATE OF ANALYSIS TB09107472

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
E809601		<10	221	<10	330	0.010	0.188	0.168			
H743787		10	10	<10	23	<0.001	<0.0005	0.003			
H743788		30	8	<10	9	<0.001	0.0019	0.002			
H743789		<10	212	<10	120	0.026	0.554	0.488			
H743790		<10	211	<10	345	0.013	0.213	0.194			
H743791		<10	215	<10	181	0.007	0.0952	0.084			
H743792		<10	174	<10	169	0.005	0.0728	0.062			
H743793		<10	172	<10	103	0.004	0.0592	0.053			
H743794		<10	183	<10	107	0.004	0.0518	0.043			
H743795		<10	170	<10	124	0.081	>1.00	>1.00	0.10	1.88	1.72
H743796		<10	177	<10	104	0.079	>1.00	>1.00	0.08	1.38	1.22
H743797		<10	175	<10	105	0.100	>1.00	>1.00	0.11	1.93	1.74
H743798		<10	176	<10	109	0.090	>1.00	>1.00	0.09	1.46	1.26
H743799		<10	188	<10	104	0.019	0.281	0.259			
H743800		10	77	<10	66	0.053	0.184	0.677			
H743801		<10	193	<10	110	0.107	>1.00	>1.00	0.12	1.85	1.61
H743802		<10	181	<10	172	0.082	>1.00	>1.00	0.07	1.18	1.03
H743803		<10	188	<10	134	0.010	0.147	0.123			
H743803 CRD		<10	182	<10	133	0.009	0.136	0.120			
H743804		<10	175	<10	127	0.057	0.978	0.941			
H743805		<10	190	<10	173	0.150	>1.00	>1.00	0.13	2.13	1.94
H743806		<10	219	<10	149	0.128	>1.00	>1.00	0.12	2.98	3.07
H743807		10	269	<10	73	0.399	>1.00	>1.00	0.36	5.08	4.53
H743808		<10	168	<10	247	0.220	>1.00	>1.00	0.22	4.18	4.16
H743809		20	6	<10	25	0.111	>1.00	>1.00	0.13	1.26	1.05
H743810		10	17	<10	28	0.003	0.0062	0.005			
H743811		20	9	<10	15	0.042	>1.00	>1.00	0.05	1.75	1.49
H743812		<10	171	<10	112	0.055	0.597	0.407			
H743813		<10	148	<10	103	0.005	0.0634	0.059			
H743814		<10	159	<10	110	0.010	0.123	0.120			
H743815		<10	162	<10	130	0.015	0.180	0.166			
H743816		<10	176	<10	115	0.018	0.179	0.168			
H743817		<10	206	<10	129	0.059	0.495	0.456			
H743818		<10	172	<10	115	0.016	0.219	0.145			
H743819		<10	204	<10	124	0.026	0.325	0.219			
H743820		10	109	<10	282	0.117	>1.00	0.551	0.10	1.17	0.54
H743821		<10	237	<10	192	<0.001	0.0063	0.006			
H743822		<10	326	<10	410	<0.001	0.0021	0.001			
H743823		10	9	<10	47	<0.001	0.0015	0.001			
H743823 CRD		10	9	<10	69	<0.001	0.0019	0.002			

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

Finalized Date: 14-OCT-2009
Account: MGMAM

Project: SD09-187 BL

CERTIFICATE OF ANALYSIS TB09107472

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743824		4.37	<0.5	7.10	<5	950	1.5	<2	0.23	<0.5	2	8	3	1.17	20	4.28

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CERTIFICATE OF ANALYSIS TB09107472

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H743824		50	0.24	69	<1	2.66	<1	470	19	0.70	<5	3	158	30	0.08	<10

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CERTIFICATE OF ANALYSIS TB09107472

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H743824		20	8	<10	50	<0.001	0.0005	0.001			

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

Finalized Date: 13-OCT-2009
Account: MGMAM

CERTIFICATE TB09109337

Project: SD09-188 BL

P.O. No.:

This report is for 8 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

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: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-188 BL

CERTIFICATE OF ANALYSIS TB09109337

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743825		3.98	<0.5	7.37	<5	840	2.3	<2	0.17	<0.5	2	11	8	1.05	20	4.07
H743826		3.80	<0.5	7.31	<5	910	2.1	<2	0.35	<0.5	4	12	28	1.13	20	4.01
H743827		4.44	<0.5	8.41	7	790	2.2	<2	3.56	<0.5	50	33	160	9.58	20	1.29
H743828		5.49	<0.5	7.97	18	680	2.0	<2	4.16	<0.5	76	57	46	13.55	30	0.99
H743829		5.03	<0.5	8.37	12	690	2.3	<2	3.45	<0.5	47	15	35	9.30	20	1.25
H743830		0.09	<0.5	7.14	<5	1000	1.0	<2	1.46	<0.5	2	21	18	1.67	10	2.15
H743831		4.32	<0.5	7.48	<5	870	1.8	<2	0.27	<0.5	1	9	3	1.30	20	4.05
H743832		4.16	<0.5	7.37	<5	860	2.0	<2	0.28	<0.5	2	12	3	1.05	20	3.97

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

Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-188 BL

CERTIFICATE OF ANALYSIS TB09109337

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743825		50	0.28	58	<1	2.26	7	310	20	0.35	<5	3	128	20	0.09	<10
H743826		40	0.26	66	<1	2.34	45	300	22	0.58	<5	3	169	20	0.09	<10
H743827		40	3.41	1495	1	3.17	119	1860	13	1.54	5	15	508	<20	1.68	<10
H743828		30	3.70	1520	<1	2.64	73	1630	21	2.70	<5	16	705	<20	2.11	<10
H743829		40	3.30	1345	1	2.95	25	1880	25	2.17	<5	16	527	<20	1.62	<10
H743830		10	0.23	623	<1	2.69	2	210	6	0.01	<5	5	196	<20	0.12	<10
H743831		50	0.31	73	<1	2.38	3	380	21	0.66	<5	3	151	30	0.12	<10
H743832		60	0.27	66	<1	2.36	1	310	18	0.36	<5	3	160	30	0.10	<10

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Finalized Date: 13-OCT-2009
Account: MGMAM

Project: SD09-188 BL

CERTIFICATE OF ANALYSIS TB09109337

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H743825		10	11	<10	7	0.001	0.0019	0.002
H743826		<10	11	<10	6	0.002	0.0006	0.001
H743827		<10	261	<10	154	0.004	0.0015	0.002
H743828		<10	436	<10	186	0.002	0.0013	0.002
H743829		<10	255	<10	153	0.001	0.0006	0.001
H743830		<10	16	<10	30	0.002	<0.0005	<0.001
H743831		10	14	<10	27	0.001	0.0006	<0.001
H743832		<10	11	<10	7	0.001	0.0009	0.001

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

Finalized Date: 15-OCT-2009
Account: MGMAM

CERTIFICATE TB09109336

Project: SD09-189 BL

P.O. No.:

This report is for 39 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 5-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - 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

To: **MAGMA METALS (CANADA) LIMITED**
ATTN: ALLAN MACTAVISH
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:
Colin Ramshaw, Vancouver Laboratory Manager

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 15-OCT-2009
Account: MGMAM

Project: SD09-189 BL

CERTIFICATE OF ANALYSIS TB09109336

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809602		1.82	<0.5	7.27	<5	500	1.6	<2	0.51	<0.5	7	24	21	1.09	20	2.58
H743833		4.46	<0.5	7.65	7	370	2.8	<2	0.56	<0.5	18	122	71	4.11	20	2.59
H743834		4.09	<0.5	8.02	8	560	3.2	<2	0.67	0.6	25	123	107	4.79	20	3.10
H743835		3.32	<0.5	5.09	16	120	1.4	<2	2.10	<0.5	20	203	32	3.91	10	0.54
H743836		3.17	<0.5	5.77	17	70	1.7	<2	3.01	<0.5	35	149	192	6.33	20	0.08
H743837		3.55	<0.5	3.73	27	70	1.0	<2	3.68	<0.5	98	1840	546	9.86	10	0.28
H743838		2.36	0.5	4.04	7	120	0.9	<2	3.86	<0.5	111	1990	601	10.30	10	0.33
H743839		2.13	0.9	4.09	14	200	0.9	<2	3.92	<0.5	108	1880	1230	9.90	10	0.32
H743840		0.11	1.2	8.92	<5	70	<0.5	<2	6.95	0.6	105	451	3700	6.53	10	0.38
H743841		2.42	0.7	3.88	7	130	0.9	<2	3.66	<0.5	126	1970	1610	10.40	10	0.27
H743842		2.41	3.0	4.07	6	170	0.8	<2	3.96	<0.5	259	1800	6170	14.15	10	0.28
H743843		2.38	4.2	3.31	<5	130	0.7	<2	3.10	0.8	211	2630	7500	12.85	10	0.27
H743843 CRD		0.02	4.3	3.40	<5	140	0.7	<2	3.19	0.6	220	2770	7670	13.15	10	0.28
H743844		2.24	7.3	2.82	<5	110	0.6	<2	2.50	1.1	187	2770	>10000	12.10	10	0.25
H743845		2.30	11.3	2.69	<5	90	0.5	40	2.39	2.4	177	2550	>10000	11.95	10	0.22
H743846		2.25	5.4	2.38	5	100	0.5	55	2.01	1.2	273	2610	>10000	14.20	10	0.26
H743847		2.43	6.2	1.94	14	80	0.5	42	1.57	1.2	329	2660	>10000	15.95	<10	0.23
H743848		2.32	16.1	2.20	<5	100	0.5	27	1.85	2.7	350	2900	>10000	16.80	10	0.21
H743849		2.30	5.1	2.19	15	90	<0.5	<2	1.46	0.5	253	2860	8620	13.70	10	0.16
H743850		0.09	<0.5	6.70	9	940	1.0	<2	1.33	<0.5	3	28	44	1.60	10	2.07
H743851		2.40	5.3	2.32	10	100	0.5	2	1.75	0.9	244	2810	8870	13.65	10	0.18
H743852		2.20	4.6	2.83	8	100	0.5	<2	2.25	1.1	201	3070	7020	12.75	10	0.21
H743853		2.28	3.1	2.68	<5	110	0.6	<2	2.20	0.6	165	2460	4780	11.30	10	0.25
H743854		2.13	5.1	2.49	10	110	0.6	<2	1.83	1.0	194	2550	7430	11.80	10	0.26
H743855		2.16	2.8	2.76	17	110	0.8	<2	2.10	0.8	151	2450	4370	11.15	10	0.30
H743856		2.39	0.6	2.75	31	120	1.5	<2	2.75	<0.5	121	2250	1045	10.25	10	0.34
H743857		2.41	1.2	3.00	7	110	0.7	<2	2.75	<0.5	141	2290	1790	10.95	10	0.29
H743858		2.31	<0.5	3.46	<5	140	0.8	<2	3.02	<0.5	117	2530	509	10.20	10	0.38
H743859		2.50	0.5	3.44	10	120	0.9	<2	2.27	<0.5	125	2330	1015	11.35	10	0.50
H743860		0.12	<0.5	7.05	5	60	<0.5	5	5.08	<0.5	79	3600	697	6.52	10	0.17
H743861		2.24	1.1	3.99	<5	160	0.9	<2	3.34	0.5	114	2310	1515	10.50	10	0.47
H743862		2.45	<0.5	4.50	12	180	1.1	<2	2.94	<0.5	110	2050	599	10.50	10	0.56
H743863		4.59	<0.5	8.31	12	480	2.4	<2	0.46	<0.5	34	105	104	4.29	20	2.47
H743863 CRD		0.02	<0.5	7.94	13	470	2.4	<2	0.44	<0.5	34	97	65	3.98	20	2.43
H743864		3.46	<0.5	8.23	12	250	2.2	<2	2.98	<0.5	43	15	36	8.77	20	0.81
H743865		3.80	<0.5	8.17	15	360	2.1	<2	3.30	<0.5	46	14	33	9.38	20	0.70
H743866		1.90	<0.5	7.33	<5	660	1.6	<2	0.39	<0.5	1	9	7	0.66	20	4.10
H743867		3.66	<0.5	9.31	10	490	2.5	<2	0.64	<0.5	26	122	48	4.69	30	2.71
H743868		1.55	<0.5	7.69	<5	470	1.8	<2	0.62	<0.5	9	30	32	1.46	20	2.54

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

Finalized Date: 15-OCT-2009
Account: MGMAM

Project: SD09-189 BL

CERTIFICATE OF ANALYSIS TB09109336

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809602		10	0.32	87	1	2.25	18	370	19	0.26	<5	5	164	<20	0.08	<10
H743833		10	2.00	430	<1	2.00	52	710	18	0.72	<5	11	146	<20	0.30	<10
H743834		10	2.42	514	1	1.47	80	860	17	1.86	<5	16	98	<20	0.42	<10
H743835		20	2.62	478	<1	1.88	94	760	6	1.24	<5	14	62	<20	0.62	<10
H743836		30	4.25	928	1	2.44	101	1360	5	1.33	<5	18	105	<20	1.14	<10
H743837		20	12.45	1700	<1	0.52	931	850	23	1.20	<5	19	184	<20	0.87	<10
H743838		20	13.00	1475	<1	0.58	1080	810	3	0.32	<5	20	341	<20	0.98	<10
H743839		20	11.75	1360	<1	0.65	1220	760	2	0.55	<5	20	378	<20	0.96	<10
H743840		<10	6.15	849	1	1.12	3190	90	8	1.68	<5	15	90	<20	0.12	<10
H743841		20	12.10	1400	<1	0.63	1660	900	4	1.16	<5	19	349	<20	0.91	<10
H743842		10	11.70	1475	<1	0.89	4610	890	6	3.34	<5	19	437	<20	0.97	<10
H743843		10	13.40	1415	1	0.71	4040	690	10	2.36	<5	15	349	<20	0.78	<10
H743843 CRD		10	13.70	1450	1	0.72	4150	720	20	2.43	<5	15	357	<20	0.80	<10
H743844		10	13.95	1320	<1	0.53	3440	650	26	2.26	<5	13	284	<20	0.69	<10
H743845		10	14.45	1310	<1	0.48	3410	560	25	2.39	<5	12	265	<20	0.65	<10
H743846		10	14.40	1360	2	0.43	5820	540	11	4.27	<5	12	226	<20	0.58	10
H743847		10	13.75	1330	1	0.34	7440	410	12	5.70	<5	12	164	<20	0.53	<10
H743848		10	13.60	1330	<1	0.40	8130	530	46	5.52	<5	12	189	<20	0.58	<10
H743849		10	13.90	1375	<1	0.27	4530	480	6	4.51	<5	10	150	<20	0.53	<10
H743850		10	0.24	596	<1	2.60	14	190	11	0.01	<5	5	184	<20	0.12	<10
H743851		10	14.00	1380	1	0.33	4530	510	2	4.38	<5	11	181	<20	0.59	10
H743852		10	14.85	1460	1	0.47	3290	650	10	2.16	<5	13	254	<20	0.69	<10
H743853		20	13.50	1295	<1	0.51	2500	630	5	2.38	<5	12	238	<20	0.68	<10
H743854		20	12.80	1280	1	0.45	3260	660	8	3.74	<5	12	194	<20	0.65	<10
H743855		20	14.20	1360	1	0.52	2210	730	7	2.63	<5	13	216	<20	0.70	<10
H743856		20	13.55	1460	<1	0.48	1395	540	<2	2.83	<5	13	201	<20	0.69	<10
H743857		20	14.35	1375	<1	0.59	1720	710	<2	1.51	<5	13	310	<20	0.74	<10
H743858		20	13.45	1345	<1	0.85	1115	670	2	1.21	<5	15	358	<20	0.82	<10
H743859		20	13.70	1420	<1	0.69	1235	540	<2	3.37	<5	17	272	<20	0.82	<10
H743860		10	10.40	1170	1	0.81	1420	160	3	0.34	<5	20	195	<20	0.12	<10
H743861		30	12.25	1385	1	0.92	1100	800	3	2.31	<5	17	508	<20	0.97	<10
H743862		20	12.25	1370	<1	0.91	1000	910	3	1.88	<5	18	392	<20	0.90	<10
H743863		20	1.70	313	3	2.68	105	690	7	1.76	6	13	239	<20	0.25	<10
H743863 CRD		10	1.58	293	3	2.57	86	660	11	1.61	<5	12	227	<20	0.24	<10
H743864		50	3.36	1350	1	3.43	24	2050	19	2.57	<5	17	543	<20	1.65	<10
H743865		40	3.17	1150	1	3.32	24	1950	15	2.52	<5	16	593	<20	1.65	<10
H743866		10	0.12	67	1	2.49	5	270	47	0.27	<5	2	201	<20	0.04	<10
H743867		20	1.87	549	3	1.97	84	900	13	0.38	<5	19	187	<20	0.43	<10
H743868		10	0.48	115	1	2.38	25	430	22	0.39	<5	6	179	<20	0.12	<10

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Finalized Date: 15-OCT-2009
Account: MGMAM

Project: SD09-189 BL

CERTIFICATE OF ANALYSIS TB09109336

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
E809602		10	17	10	13		0.002	0.0008	0.001			
H743833		<10	92	<10	47		0.003	0.0016	0.002			
H743834		<10	143	<10	121		0.002	0.0022	0.003			
H743835		<10	128	<10	50		0.004	0.0334	0.026			
H743836		<10	199	<10	80		0.003	0.0253	0.020			
H743837		<10	190	<10	126		0.017	0.209	0.192			
H743838		<10	204	10	105		0.016	0.224	0.205			
H743839		<10	199	<10	109		0.035	0.485	0.444			
H743840		<10	79	<10	70		0.053	0.170	0.624			
H743841		<10	196	<10	105		0.037	0.643	0.638			
H743842		<10	206	<10	121		0.119	>1.00	>1.00	0.12	2.34	2.26
H743843		<10	166	<10	120		0.172	>1.00	>1.00	0.17	3.06	2.81
H743843 CRD		<10	173	<10	125		0.185	>1.00	>1.00	0.17	2.92	2.68
H743844		<10	150	<10	115	0.915	0.321	>1.00	>1.00	0.30	4.59	4.11
H743845		<10	136	<10	108	1.300	0.471	>1.00	>1.00	0.46	6.52	5.71
H743846		<10	130	10	116	1.005	0.218	>1.00	>1.00	0.20	4.29	3.94
H743847		<10	125	10	131	1.335	0.198	>1.00	>1.00	0.24	5.47	5.17
H743848		<10	133	<10	115	1.760	0.483	>1.00	>1.00	0.58	7.70	6.90
H743849		<10	121	<10	114		0.206	>1.00	>1.00	0.19	2.86	2.70
H743850		10	16	<10	28		0.002	0.0027	0.002			
H743851		<10	130	10	121		0.185	>1.00	>1.00	0.20	3.16	2.88
H743852		<10	149	<10	121		0.171	>1.00	>1.00	0.18	2.56	2.30
H743853		<10	137	<10	111		0.124	>1.00	>1.00	0.13	1.81	1.63
H743854		<10	135	<10	100		0.213	>1.00	>1.00	0.21	2.75	2.36
H743855		<10	145	<10	122		0.121	>1.00	>1.00	0.13	1.58	1.45
H743856		<10	138	<10	163		0.030	0.396	0.388			
H743857		<10	147	<10	112		0.045	0.584	0.564			
H743858		<10	166	<10	112		0.012	0.131	0.121			
H743859		<10	176	<10	153		0.026	0.346	0.289			
H743860		10	114	<10	302		0.103	>1.00	0.525	0.11	1.26	0.58
H743861		<10	193	<10	129		0.057	0.544	0.466			
H743862		<10	196	<10	119		0.021	0.188	0.155			
H743863		10	89	<10	31		0.006	0.0318	0.024			
H743863 CRD		10	86	<10	30		0.006	0.0216	0.017			
H743864		<10	229	<10	127		0.001	0.0036	0.003			
H743865		<10	244	<10	140		0.001	0.0016	0.001			
H743866		30	5	<10	9		0.002	0.0015	0.001			
H743867		<10	142	<10	66		0.001	0.0024	0.002			
H743868		10	27	<10	17		0.002	0.0043	0.004			

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

Finalized Date: 23-OCT-2009
Account: MGMAM

CERTIFICATE TB09112996

Project: SD09-190 BL

P.O. No.:

This report is for 30 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

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

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-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 23-OCT-2009
Account: MGMAM

Project: SD09-190 BL

CERTIFICATE OF ANALYSIS TB09112996

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H743869		4.32	<0.5	7.64	14	460	2.7	<2	0.68	<0.5	23	124	59	5.74	20	2.22
H743870		3.27	<0.5	8.18	<5	520	3.4	<2	0.50	<0.5	19	104	25	4.62	20	2.28
H743871		3.73	<0.5	5.30	19	270	1.6	<2	1.06	<0.5	16	118	56	2.86	10	1.94
H743872		4.61	0.6	4.51	12	110	1.8	<2	2.96	<0.5	28	187	150	5.31	10	0.51
H743873		2.31	0.9	4.08	24	180	1.0	<2	4.73	0.5	102	1590	794	9.84	10	0.30
H743874		0.12	1.2	8.73	<5	70	<0.5	3	6.84	<0.5	102	438	3510	6.44	10	0.39
H743875		2.19	1.1	3.65	15	130	0.7	<2	3.65	0.5	119	2000	1040	9.84	<10	0.33
H743876		2.15	0.5	3.78	62	220	0.9	<2	3.37	0.5	98	1830	409	9.48	10	0.60
H743877		2.09	0.8	4.05	40	270	0.9	<2	3.38	<0.5	99	1560	781	9.45	10	0.70
H743878		2.11	1.5	3.82	45	150	0.9	<2	3.42	<0.5	103	1760	1400	9.33	10	0.46
H743879		2.09	2.7	3.50	31	160	0.8	<2	3.19	0.6	163	1880	3140	11.20	10	0.36
H743880		1.83	1.8	3.59	11	200	0.9	<2	3.33	<0.5	125	2060	2010	10.20	10	0.43
H743881		2.25	0.8	3.35	13	120	0.7	<2	3.28	0.5	125	2210	834	10.50	<10	0.36
H743882		2.29	0.6	3.36	11	130	0.7	<2	3.36	<0.5	117	2170	432	10.05	<10	0.33
H743883		1.67	0.8	3.62	<5	140	0.8	<2	3.17	<0.5	118	2310	541	10.20	10	0.43
H743883 CRD		<0.02	0.8	3.59	<5	130	0.7	<2	3.16	<0.5	115	2210	515	10.00	10	0.42
H743884		0.11	0.6	7.29	8	60	<0.5	<2	5.13	<0.5	81	3630	695	6.73	10	0.17
H743885		2.25	0.5	3.02	10	110	0.7	<2	2.89	<0.5	114	2510	347	10.10	10	0.42
H743886		2.04	1.1	3.46	17	110	0.8	<2	2.42	<0.5	126	2300	1070	10.85	<10	0.37
H743887		2.01	1.2	7.79	75	220	1.9	<2	2.72	1.0	62	58	717	9.22	20	0.76
H743888		4.28	0.6	7.33	15	440	2.4	3	1.01	<0.5	28	177	58	6.04	20	1.99
H743889		3.85	<0.5	8.12	5	630	2.3	<2	1.15	<0.5	22	116	81	4.87	20	2.77
H743890		4.67	<0.5	8.07	<5	540	2.4	2	1.36	<0.5	23	117	70	4.42	20	2.04
H743891		4.63	<0.5	7.92	<5	410	1.6	<2	1.66	<0.5	19	107	53	4.23	20	1.62
H743892		4.93	<0.5	7.12	<5	420	2.1	<2	0.50	<0.5	4	24	5	0.99	20	3.16
H743893		5.41	<0.5	8.22	<5	550	1.8	<2	1.04	<0.5	21	121	12	4.31	20	2.21
H743894		0.08	<0.5	6.23	<5	940	1.0	<2	1.35	<0.5	2	26	16	1.55	10	2.12
H743895		3.83	0.7	8.17	9	610	2.0	8	3.26	0.7	43	13	32	8.74	20	1.03
H743896		2.41	<0.5	8.03	<5	420	1.9	<2	1.44	<0.5	19	111	17	4.35	20	1.52
H743897		4.24	0.8	8.09	8	480	2.7	<2	1.04	<0.5	26	113	116	4.67	20	2.43

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

Finalized Date: 23-OCT-2009
Account: MGMAM

Project: SD09-190 BL

CERTIFICATE OF ANALYSIS TB09112996

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743869		20	2.05	506	3	1.94	67	890	8	0.49	5	12	169	<20	0.38	<10
H743870		20	1.84	296	<1	2.65	56	910	4	0.54	<5	15	233	<20	0.38	<10
H743871		20	1.45	222	2	1.93	67	650	3	0.54	<5	9	83	<20	0.37	10
H743872		20	2.33	594	10	1.92	106	900	5	1.98	6	15	146	<20	0.78	<10
H743873		20	11.70	1440	<1	0.74	1010	1040	29	1.27	9	20	399	<20	0.99	10
H743874		<10	6.05	809	1	1.11	3050	90	5	1.66	<5	15	88	<20	0.12	<10
H743875		20	12.50	1400	<1	0.59	1260	780	<2	1.16	15	18	324	<20	0.83	10
H743876		20	12.20	1500	<1	0.49	888	890	6	2.21	12	18	245	<20	0.73	10
H743877		20	11.55	1355	<1	0.61	996	980	<2	2.35	<5	19	295	<20	0.78	10
H743878		20	11.30	1345	<1	0.59	1240	830	8	2.09	12	18	242	<20	0.82	10
H743879		20	12.80	1370	<1	0.69	2430	730	12	2.12	18	15	349	<20	0.85	10
H743880		20	12.85	1345	<1	0.84	1490	770	4	1.21	8	15	347	<20	0.84	<10
H743881		20	14.40	1430	<1	0.53	1280	690	2	0.72	17	16	297	<20	0.84	10
H743882		20	13.50	1365	<1	0.58	1110	780	<2	1.00	10	16	318	<20	0.83	<10
H743883		20	13.25	1380	<1	0.60	1110	780	5	0.59	13	17	304	<20	0.94	10
H743883 CRD		20	13.20	1370	<1	0.59	1100	780	<2	0.57	15	16	303	<20	0.93	10
H743884		<10	10.60	1180	<1	0.82	1460	160	3	0.33	29	20	199	<20	0.13	<10
H743885		20	13.20	1375	<1	0.46	1080	820	5	0.62	16	14	215	<20	0.95	10
H743886		20	13.60	1280	<1	0.37	1520	740	5	1.75	9	16	188	<20	0.86	<10
H743887		40	3.54	1300	<1	2.90	342	1870	31	2.87	11	15	440	<20	1.76	10
H743888		20	2.98	561	1	2.02	85	1320	22	1.74	<5	13	213	<20	0.46	<10
H743889		20	2.00	630	<1	1.98	71	920	21	0.75	10	12	289	<20	0.39	<10
H743890		30	1.78	638	8	2.56	67	940	98	0.67	<5	12	391	<20	0.38	10
H743891		30	1.62	604	1	2.59	61	860	31	0.35	<5	12	420	<20	0.37	10
H743892		10	0.29	86	32	2.99	8	360	24	0.35	<5	4	195	<20	0.07	<10
H743893		30	1.60	473	<1	2.49	76	890	14	0.92	7	17	318	<20	0.41	<10
H743894		10	0.20	575	<1	2.70	6	190	7	0.01	<5	5	179	<20	0.12	<10
H743895		40	3.10	1245	<1	3.41	22	1920	19	1.32	11	16	455	<20	1.80	10
H743896		20	1.72	518	1	2.89	69	860	10	0.27	<5	15	398	<20	0.40	10
H743897		20	1.70	439	<1	1.76	67	910	13	0.49	<5	14	243	<20	0.37	<10

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

Finalized Date: 23-OCT-2009
Account: MGMAM

Project: SD09-190 BL

CERTIFICATE OF ANALYSIS TB09112996

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H743869		<10	108	<10	60	0.001	0.0016	0.002			
H743870		<10	126	<10	33	0.001	0.0024	0.002			
H743871		<10	81	<10	34	0.004	0.0474	0.047			
H743872		<10	156	<10	83	0.004	0.0715	0.063			
H743873		<10	203	<10	195	0.022	0.360	0.345			
H743874		<10	80	<10	68	0.059	0.178	0.696			
H743875		<10	180	<10	103	0.032	0.451	0.454			
H743876		<10	187	<10	100	0.013	0.178	0.169			
H743877		<10	193	<10	97	0.025	0.337	0.344			
H743878		<10	190	<10	102	0.048	0.668	0.657			
H743879		<10	177	<10	111	0.078	>1.00	>1.00	0.08	1.43	1.38
H743880		<10	173	<10	109	0.062	0.831	0.830			
H743881		<10	178	<10	113	0.022	0.266	0.261			
H743882		<10	182	<10	106	0.013	0.164	0.159			
H743883		<10	194	<10	108	0.011	0.171	0.166			
H743883 CRD		<10	191	<10	102	0.012	0.176	0.166			
H743884		<10	118	<10	294	0.109	>1.00	0.602	0.10	1.07	0.50
H743885		<10	195	<10	107	0.006	0.0992	0.089			
H743886		<10	183	<10	105	0.022	0.331	0.329			
H743887		<10	253	<10	244	0.016	0.218	0.217			
H743888		<10	122	<10	112	0.003	0.0028	0.003			
H743889		<10	107	<10	96	0.001	0.0031	0.003			
H743890		<10	104	<10	127	0.008	0.0019	0.002			
H743891		<10	100	<10	100	0.001	0.0016	0.001			
H743892		10	13	<10	16	0.001	0.0005	<0.001			
H743893		<10	136	<10	74	0.001	0.0018	0.002			
H743894		<10	17	<10	28	0.001	<0.0005	<0.001			
H743895		<10	240	<10	203	0.001	<0.0005	<0.001			
H743896		<10	123	<10	62	0.001	0.0015	0.001			
H743897		<10	109	<10	99	0.002	0.0009	0.001			

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

Finalized Date: 27-OCT-2009
Account: MGMAM

CERTIFICATE TB09112997

Project: SD09-191 BL

P.O. No.:

This report is for 59 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809603	1.07	9.5	1.84	8	80	<0.5	7	1.48	2.2	455	2230	>10000	18.50	<10	0.20
E809603 CRD	<0.02	9.4	1.79	<5	70	<0.5	6	1.48	2.3	451	2180	>10000	18.15	<10	0.20
H743898	3.91	0.5	6.75	<5	830	1.8	<2	0.39	<0.5	1	9	66	0.73	20	4.55
H743899	4.45	<0.5	6.52	<5	1050	1.5	<2	0.35	<0.5	2	10	33	0.95	20	5.24
H743900	2.59	<0.5	4.94	15	90	1.4	2	8.33	<0.5	37	149	125	5.95	20	0.67
H743901	2.10	<0.5	4.26	19	150	1.3	2	6.26	<0.5	44	929	193	6.98	10	0.20
H743902	4.73	<0.5	3.60	14	170	1.0	<2	4.19	<0.5	95	1285	349	8.78	10	0.36
H743903	4.52	<0.5	3.31	6	190	0.8	2	3.91	<0.5	101	1640	186	9.10	10	0.41
H743903 CRD	<0.02	0.5	3.40	<5	200	0.8	<2	3.91	<0.5	105	1655	187	9.13	10	0.42
H743904	4.52	<0.5	3.13	27	190	0.8	<2	3.53	<0.5	105	1820	239	9.05	10	0.53
H743905	2.30	<0.5	3.07	56	180	0.8	2	3.54	<0.5	108	1880	193	9.10	10	0.56
H743906	2.27	<0.5	3.03	20	170	0.8	<2	3.51	<0.5	109	1935	194	9.15	10	0.53
H743907	4.60	<0.5	3.01	6	150	0.8	<2	3.42	<0.5	114	1995	293	9.48	10	0.51
H743908	2.45	0.8	2.77	12	120	0.6	<2	3.22	<0.5	128	2030	1090	9.90	10	0.46
H743909	2.34	0.8	2.87	10	120	0.6	<2	3.33	<0.5	129	2070	1290	9.97	10	0.44
H743910	0.12	0.9	8.28	<5	70	<0.5	<2	6.60	<0.5	105	442	3620	6.25	10	0.37
H743911	2.23	1.5	2.86	49	150	0.6	4	3.33	<0.5	144	2010	2430	10.45	10	0.45
H743912	2.31	1.8	2.79	53	150	0.7	2	3.39	0.5	138	1990	2350	10.35	10	0.47
H743913	2.21	<0.5	3.08	23	170	0.7	<2	3.51	<0.5	112	2010	346	9.46	10	0.46
H743914	2.22	0.5	2.87	18	130	0.7	<2	3.38	<0.5	120	2160	834	9.58	10	0.41
H743915	2.17	1.1	2.95	24	160	0.7	3	3.37	0.6	131	2190	1660	10.15	10	0.42
H743916	2.29	1.4	3.04	16	140	0.7	4	3.63	<0.5	125	2090	1680	10.00	10	0.40
H743917	2.26	1.4	3.40	22	150	0.8	2	3.81	<0.5	124	2030	1840	10.25	<10	0.44
H743918	2.31	1.4	3.66	6	140	0.9	3	3.86	<0.5	131	1995	1820	10.55	<10	0.43
H743919	2.21	0.8	3.49	37	170	0.8	4	3.57	<0.5	125	2130	958	10.50	<10	0.40
H743920	0.08	<0.5	7.01	<5	980	1.0	3	1.47	<0.5	4	29	20	1.68	10	2.21
H743921	2.24	0.7	3.45	60	140	0.7	4	3.51	<0.5	111	1890	865	9.88	<10	0.39
H743922	4.38	0.5	3.62	17	170	0.9	4	3.74	<0.5	111	2060	746	9.81	10	0.40
H743923	2.30	<0.5	4.04	<5	280	1.0	<2	4.23	<0.5	106	2200	453	9.87	10	0.41
H743923 CRD	<0.02	<0.5	3.82	8	270	1.0	6	4.08	<0.5	100	2130	410	9.38	10	0.39
H743924	2.28	4.7	3.21	16	220	0.8	4	3.69	0.9	195	2490	6740	12.50	<10	0.36
H743925	1.18	2.2	3.58	9	150	0.9	7	3.63	<0.5	132	2250	3040	10.30	10	0.34
H743926	1.25	3.2	2.09	14	80	0.5	14	2.97	<0.5	527	2400	>10000	22.0	<10	0.17
H743927	2.38	2.9	2.90	<5	100	0.5	5	2.68	<0.5	252	2770	6310	14.50	<10	0.23
H743928	2.45	3.8	2.63	<5	100	0.5	6	2.35	<0.5	265	2780	7590	14.15	<10	0.23
H743929	2.36	5.9	2.50	<5	90	0.5	15	2.19	0.8	199	2490	9890	12.60	<10	0.21
H743930	0.11	<0.5	7.36	<5	60	<0.5	4	5.07	<0.5	82	3550	750	6.67	10	0.17
H743931	2.33	7.1	2.59	<5	90	0.5	10	2.31	1.0	196	2510	>10000	12.50	<10	0.21
H743932	2.36	9.0	2.59	<5	100	0.5	8	2.29	1.2	220	2660	>10000	13.50	<10	0.24
H743933	2.41	11.5	2.19	9	80	<0.5	14	1.94	2.3	275	2570	>10000	16.00	<10	0.17

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809603		10	12.20	1245	1	0.29	>10000	400	27	5.54	<5	10	144	<20	0.50	10
E809603 CRD		10	12.05	1225	<1	0.28	>10000	400	24	5.52	<5	10	140	<20	0.48	10
H743898		10	0.24	95	2	1.90	25	250	9	0.27	<5	4	166	<20	0.03	<10
H743899		10	0.31	128	2	1.40	17	270	6	0.34	<5	4	125	<20	0.04	<10
H743900		20	3.10	1680	1	1.67	87	880	6	3.87	5	28	132	<20	0.94	<10
H743901		30	6.59	1380	<1	1.50	179	860	2	1.40	<5	36	181	<20	0.98	<10
H743902		30	10.90	1315	<1	0.70	720	860	6	0.33	<5	19	366	<20	0.85	<10
H743903		20	12.00	1345	<1	0.59	800	700	3	0.19	<5	18	408	<20	0.83	<10
H743903 CRD		20	12.00	1355	<1	0.61	789	740	<2	0.19	<5	18	424	<20	0.84	10
H743904		20	12.80	1390	<1	0.54	861	700	<2	0.95	<5	16	331	<20	0.70	10
H743905		20	12.65	1335	<1	0.44	878	670	4	1.76	<5	16	386	<20	0.63	10
H743906		20	12.75	1370	<1	0.51	894	770	7	0.71	<5	16	392	<20	0.70	<10
H743907		20	13.40	1385	1	0.53	962	700	2	0.27	<5	16	404	<20	0.72	10
H743908		20	13.70	1390	<1	0.40	1220	610	4	0.42	<5	15	355	<20	0.69	<10
H743909		20	13.25	1380	2	0.37	1310	670	2	0.55	<5	16	310	<20	0.73	10
H743910		10	5.79	799	2	1.05	3250	90	3	1.58	<5	14	85	<20	0.11	10
H743911		20	12.70	1380	<1	0.36	1600	720	7	2.19	<5	16	316	<20	0.67	10
H743912		20	12.80	1390	<1	0.33	1520	780	4	2.40	<5	16	312	<20	0.67	10
H743913		20	13.00	1380	<1	0.35	951	700	4	0.51	<5	16	380	<20	0.76	10
H743914		20	13.20	1360	<1	0.40	1150	720	4	0.27	<5	16	341	<20	0.73	10
H743915		20	13.90	1385	<1	0.47	1420	730	6	0.83	10	15	368	<20	0.74	<10
H743916		20	13.55	1365	<1	0.52	1340	730	3	0.69	11	16	377	<20	0.79	<10
H743917		20	13.45	1420	<1	0.63	1320	780	6	1.24	<5	18	362	<20	0.85	<10
H743918		20	13.80	1450	<1	0.75	1370	820	<2	0.77	11	18	390	<20	0.94	<10
H743919		20	14.40	1475	<1	0.69	1170	850	3	1.12	9	17	376	<20	0.82	<10
H743920		10	0.28	609	<1	2.80	7	210	10	0.01	6	5	188	<20	0.13	<10
H743921		20	13.15	1395	<1	0.54	1040	940	3	2.18	7	17	348	<20	0.72	<10
H743922		20	13.35	1420	<1	0.66	1030	810	3	0.34	8	18	363	<20	0.87	<10
H743923		20	13.05	1425	<1	0.83	936	980	4	0.23	12	19	465	<20	0.96	<10
H743923 CRD		20	12.45	1355	<1	0.78	895	920	<2	0.21	5	18	442	<20	0.91	10
H743924		20	12.45	1345	2	0.64	3200	830	4	1.52	12	18	300	<20	0.83	<10
H743925		20	12.80	1365	<1	0.72	1720	860	7	0.91	11	18	316	<20	0.82	<10
H743926		10	11.20	1320	<1	0.42	>10000	370	2	8.16	8	17	185	<20	0.63	10
H743927		10	14.20	1450	<1	0.57	4290	550	5	3.48	9	13	280	<20	0.73	10
H743928		10	13.95	1315	<1	0.53	5360	610	9	4.12	12	12	243	<20	0.68	<10
H743929		10	14.75	1325	<1	0.46	3750	530	11	3.01	10	12	222	<20	0.64	<10
H743930		<10	10.55	1185	<1	0.81	1490	170	7	0.37	22	20	196	<20	0.12	10
H743931		10	15.00	1330	<1	0.51	3850	540	20	3.10	12	12	246	<20	0.65	<10
H743932		10	15.25	1380	<1	0.50	4290	590	28	3.29	15	12	228	<20	0.66	10
H743933		10	14.60	1360	<1	0.35	5390	480	37	3.05	13	12	171	<20	0.59	<10

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	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
E809603		<10	120	<10	132	1.715	1.040	0.374	>1.00	>1.00	0.36	6.94	6.37
E809603 CRD		<10	116	<10	133	1.745	1.080	0.372	>1.00	>1.00	0.38	6.82	6.33
H743898		30	3	<10	5			0.003	0.0238	0.020			
H743899		20	4	<10	4			0.002	0.0137	0.009			
H743900		10	224	<10	46			0.004	0.0118	0.006			
H743901		<10	218	<10	63			0.005	0.0396	0.026			
H743902		<10	172	<10	109			0.009	0.105	0.092			
H743903		<10	169	<10	103			0.005	0.0463	0.037			
H743903 CRD		<10	171	<10	103			0.005	0.0499	0.035			
H743904		<10	156	<10	101			0.005	0.0617	0.048			
H743905		<10	149	<10	100			0.004	0.0499	0.039			
H743906		<10	152	<10	105			0.004	0.0538	0.039			
H743907		<10	152	<10	106			0.007	0.0837	0.072			
H743908		<10	144	<10	107			0.024	0.397	0.355			
H743909		<10	150	<10	107			0.031	0.476	0.420			
H743910		10	76	<10	65			0.059	0.214	0.679			
H743911		<10	155	<10	108			0.053	0.864	0.804			
H743912		<10	156	<10	111			0.047	0.859	0.765			
H743913		<10	160	<10	105			0.007	0.123	0.105			
H743914		<10	153	<10	107			0.028	0.329	0.285			
H743915		<10	154	<10	113			0.046	0.676	0.592			
H743916		<10	159	<10	112			0.044	0.683	0.596			
H743917		<10	173	<10	112			0.046	0.761	0.658			
H743918		<10	177	<10	116			0.046	0.715	0.617			
H743919		<10	172	<10	117			0.018	0.337	0.303			
H743920		<10	17	<10	32			0.001	0.0010	0.001			
H743921		<10	167	<10	110			0.024	0.373	0.321			
H743922		<10	179	<10	112			0.019	0.309	0.271			
H743923		<10	195	<10	113			0.015	0.169	0.146			
H743923 CRD		<10	185	<10	105			0.014	0.173	0.143			
H743924		<10	185	<10	113			0.182	>1.00	>1.00	0.19	2.73	2.55
H743925		<10	175	<10	115			0.080	>1.00	>1.00	0.09	1.28	1.23
H743926		<10	173	<10	128	1.220	0.970	0.099	>1.00	>1.00	0.11	4.26	4.70
H743927		<10	154	<10	130			0.110	>1.00	>1.00	0.12	2.49	2.49
H743928		<10	146	<10	120			0.151	>1.00	>1.00	0.14	2.89	2.83
H743929		<10	137	<10	113			0.236	>1.00	>1.00	0.26	4.84	4.52
H743930		<10	119	<10	312			0.105	>1.00	0.595	NSS	NSS	NSS
H743931		<10	136	<10	108	1.080		0.285	>1.00	>1.00	0.29	5.12	4.73
H743932		<10	143	<10	122	1.195		0.305	>1.00	>1.00	0.32	5.40	4.91
H743933		<10	135	<10	126	1.560		0.429	>1.00	>1.00	0.47	7.76	6.62

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743934		2.31	12.3	2.29	<5	80	<0.5	22	2.31	2.5	353	2650	>10000	16.40	<10	0.17
H743935		2.40	11.5	2.40	<5	90	0.5	12	2.33	2.1	244	2600	>10000	13.60	<10	0.22
H743936		2.49	7.8	2.38	<5	90	<0.5	13	2.39	1.7	239	2790	>10000	13.30	<10	0.20
H743937		2.37	6.3	2.52	<5	90	0.5	10	2.40	1.0	248	2770	9980	13.60	<10	0.21
H743938		2.38	10.0	2.33	<5	90	<0.5	9	2.48	1.7	295	2700	>10000	15.25	<10	0.22
H743939		2.37	7.0	2.22	<5	80	<0.5	15	2.24	1.3	370	2630	>10000	17.20	<10	0.18
H743940		1.21	10.4	1.93	11	70	<0.5	13	1.64	2.3	454	2450	>10000	19.45	<10	0.20
H743941		2.45	8.1	2.27	20	90	<0.5	8	1.92	1.6	349	2430	>10000	16.85	<10	0.20
H743942		2.40	12.3	2.38	23	90	<0.5	13	2.18	2.5	341	2110	>10000	17.00	<10	0.17
H743943		2.44	13.6	3.07	30	110	0.6	11	2.31	1.4	193	1705	>10000	12.90	<10	0.20
H743943 CRD		<0.02	15.0	3.11	33	110	0.6	12	2.33	1.2	192	1755	>10000	12.75	<10	0.20
H743944		2.58	4.2	3.34	56	80	1.2	12	1.85	<0.5	154	1390	5000	11.85	<10	0.24
H743945		2.26	1.0	5.05	7	1060	1.2	4	3.16	<0.5	119	1170	1490	11.30	10	0.42
H743946		1.64	1.7	6.09	15	740	1.4	2	2.67	<0.5	93	594	363	12.55	10	0.91
H743947		3.63	<0.5	7.90	12	890	1.7	2	3.11	<0.5	52	39	73	9.95	20	1.14
H743948		3.32	<0.5	7.97	12	540	2.2	6	2.50	3.8	44	25	68	8.43	20	0.67
H743949		4.35	<0.5	6.93	<5	840	1.9	2	0.73	<0.5	3	22	17	1.44	20	3.94
H743950		0.12	0.9	8.92	<5	70	<0.5	7	6.83	<0.5	103	441	3660	6.44	10	0.39
H743951		4.04	<0.5	6.90	<5	700	2.2	<2	0.40	<0.5	2	14	25	0.92	20	3.74

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THUNDER BAY ON P7B 6V1

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743934		10	15.20	1370	<1	0.44	7630	460	44	3.71	15	12	224	<20	0.61	10
H743935		10	14.85	1315	<1	0.48	4610	530	25	2.74	8	11	257	<20	0.61	10
H743936		10	15.15	1325	<1	0.49	4690	510	50	2.37	10	12	271	<20	0.61	<10
H743937		10	15.15	1345	<1	0.49	4860	560	18	2.74	14	12	260	<20	0.65	<10
H743938		10	14.80	1355	<1	0.45	6540	540	27	4.51	15	12	244	<20	0.63	<10
H743939		10	13.75	1325	<1	0.35	8510	470	15	6.59	13	12	187	<20	0.57	10
H743940		10	13.10	1310	<1	0.30	>10000	440	20	8.38	11	10	143	<20	0.53	10
H743941		10	13.10	1345	<1	0.38	8240	520	12	7.15	12	11	187	<20	0.62	<10
H743942		10	11.90	1315	<1	0.37	8440	460	13	8.01	7	12	199	<20	0.67	10
H743943		10	13.20	1455	<1	0.50	3530	740	17	4.84	6	13	266	<20	0.74	10
H743943 CRD		10	13.20	1460	<1	0.52	3520	730	23	4.61	9	13	272	<20	0.74	10
H743944		10	14.70	1490	<1	0.41	2210	760	21	3.74	9	14	501	<20	0.72	10
H743945		20	10.60	1490	<1	1.10	1090	1170	11	1.14	6	15	552	<20	1.24	<10
H743946		30	7.96	1605	<1	1.62	380	1240	36	1.78	17	14	473	<20	1.78	<10
H743947		40	3.64	1620	<1	3.03	45	1840	8	0.66	9	15	542	<20	1.95	<10
H743948		40	3.75	945	<1	3.17	26	1860	42	3.28	6	15	284	<20	1.74	10
H743949		50	0.42	115	<1	2.05	10	350	20	0.96	<5	3	114	20	0.08	<10
H743950		<10	6.11	816	<1	1.14	3090	90	5	1.73	7	15	86	<20	0.12	<10
H743951		50	0.35	71	<1	2.55	13	340	18	0.36	<5	3	113	30	0.10	<10

***** See Appendix Page for comments regarding this certificate *****

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	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
H743934		<10	136	<10	135	1.790		0.430	>1.00	>1.00	0.46	8.61	7.70
H743935		<10	132	<10	116	1.250		0.400	>1.00	>1.00	0.35	4.97	3.63
H743936		<10	133	<10	113	1.005		0.269	>1.00	>1.00	0.29	4.19	3.65
H743937		<10	142	<10	111			0.207	>1.00	>1.00	0.22	3.56	3.23
H743938		<10	142	<10	119	1.275		0.328	>1.00	>1.00	0.37	5.34	4.77
H743939		<10	134	<10	123	1.420		0.254	>1.00	>1.00	0.28	5.44	5.18
H743940		<10	127	<10	140	1.745	1.045	0.345	>1.00	>1.00	0.38	7.16	6.48
H743941		<10	140	<10	129	1.415		0.296	>1.00	>1.00	0.31	5.12	4.82
H743942		<10	146	<10	136	1.980		0.464	>1.00	>1.00	0.50	7.63	7.55
H743943		<10	153	<10	115	1.240		0.420	>1.00	>1.00	0.44	4.78	4.34
H743943 CRD		<10	155	<10	110	1.205		0.409	>1.00	>1.00	0.41	4.73	4.26
H743944		<10	155	<10	141			0.159	>1.00	>1.00	0.15	1.64	1.44
H743945		<10	212	<10	141			0.039	0.416	0.425			
H743946		<10	334	<10	214			0.011	0.1105	0.110			
H743947		<10	301	<10	198			0.002	0.0084	0.008			
H743948		<10	242	<10	744			0.002	0.0069	0.009			
H743949		10	11	<10	23			0.002	0.0034	0.005			
H743950		<10	79	<10	72			0.055	0.1760	0.683			
H743951		10	10	<10	16			0.002	0.0088	0.009			

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

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

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CERTIFICATE TB09112997

Project: SD09-191 BL

P.O. No.:

This report is for 59 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809603	1.07	9.5	1.84	8	80	<0.5	7	1.48	2.2	455	2230	>10000	18.50	<10	0.20
E809603 CRD	<0.02	9.4	1.79	<5	70	<0.5	6	1.48	2.3	451	2180	>10000	18.15	<10	0.20
H743898	3.91	0.5	6.75	<5	830	1.8	<2	0.39	<0.5	1	9	66	0.73	20	4.55
H743899	4.45	<0.5	6.52	<5	1050	1.5	<2	0.35	<0.5	2	10	33	0.95	20	5.24
H743900	2.59	<0.5	4.94	15	90	1.4	2	8.33	<0.5	37	149	125	5.95	20	0.67
H743901	2.10	<0.5	4.26	19	150	1.3	2	6.26	<0.5	44	929	193	6.98	10	0.20
H743902	4.73	<0.5	3.60	14	170	1.0	<2	4.19	<0.5	95	1285	349	8.78	10	0.36
H743903	4.52	<0.5	3.31	6	190	0.8	2	3.91	<0.5	101	1640	186	9.10	10	0.41
H743903 CRD	<0.02	0.5	3.40	<5	200	0.8	<2	3.91	<0.5	105	1655	187	9.13	10	0.42
H743904	4.52	<0.5	3.13	27	190	0.8	<2	3.53	<0.5	105	1820	239	9.05	10	0.53
H743905	2.30	<0.5	3.07	56	180	0.8	2	3.54	<0.5	108	1880	193	9.10	10	0.56
H743906	2.27	<0.5	3.03	20	170	0.8	<2	3.51	<0.5	109	1935	194	9.15	10	0.53
H743907	4.60	<0.5	3.01	6	150	0.8	<2	3.42	<0.5	114	1995	293	9.48	10	0.51
H743908	2.45	0.8	2.77	12	120	0.6	<2	3.22	<0.5	128	2030	1090	9.90	10	0.46
H743909	2.34	0.8	2.87	10	120	0.6	<2	3.33	<0.5	129	2070	1290	9.97	10	0.44
H743910	0.12	0.9	8.28	<5	70	<0.5	<2	6.60	<0.5	105	442	3620	6.25	10	0.37
H743911	2.23	1.5	2.86	49	150	0.6	4	3.33	<0.5	144	2010	2430	10.45	10	0.45
H743912	2.31	1.8	2.79	53	150	0.7	2	3.39	0.5	138	1990	2350	10.35	10	0.47
H743913	2.21	<0.5	3.08	23	170	0.7	<2	3.51	<0.5	112	2010	346	9.46	10	0.46
H743914	2.22	0.5	2.87	18	130	0.7	<2	3.38	<0.5	120	2160	834	9.58	10	0.41
H743915	2.17	1.1	2.95	24	160	0.7	3	3.37	0.6	131	2190	1660	10.15	10	0.42
H743916	2.29	1.4	3.04	16	140	0.7	4	3.63	<0.5	125	2090	1680	10.00	10	0.40
H743917	2.26	1.4	3.40	22	150	0.8	2	3.81	<0.5	124	2030	1840	10.25	<10	0.44
H743918	2.31	1.4	3.66	6	140	0.9	3	3.86	<0.5	131	1995	1820	10.55	<10	0.43
H743919	2.21	0.8	3.49	37	170	0.8	4	3.57	<0.5	125	2130	958	10.50	<10	0.40
H743920	0.08	<0.5	7.01	<5	980	1.0	3	1.47	<0.5	4	29	20	1.68	10	2.21
H743921	2.24	0.7	3.45	60	140	0.7	4	3.51	<0.5	111	1890	865	9.88	<10	0.39
H743922	4.38	0.5	3.62	17	170	0.9	4	3.74	<0.5	111	2060	746	9.81	10	0.40
H743923	2.30	<0.5	4.04	<5	280	1.0	<2	4.23	<0.5	106	2200	453	9.87	10	0.41
H743923 CRD	<0.02	<0.5	3.82	8	270	1.0	6	4.08	<0.5	100	2130	410	9.38	10	0.39
H743924	2.28	4.7	3.21	16	220	0.8	4	3.69	0.9	195	2490	6740	12.50	<10	0.36
H743925	1.18	2.2	3.58	9	150	0.9	7	3.63	<0.5	132	2250	3040	10.30	10	0.34
H743926	1.25	3.2	2.09	14	80	0.5	14	2.97	<0.5	527	2400	>10000	22.0	<10	0.17
H743927	2.38	2.9	2.90	<5	100	0.5	5	2.68	<0.5	252	2770	6310	14.50	<10	0.23
H743928	2.45	3.8	2.63	<5	100	0.5	6	2.35	<0.5	265	2780	7590	14.15	<10	0.23
H743929	2.36	5.9	2.50	<5	90	0.5	15	2.19	0.8	199	2490	9890	12.60	<10	0.21
H743930	0.11	<0.5	7.36	<5	60	<0.5	4	5.07	<0.5	82	3550	750	6.67	10	0.17
H743931	2.33	7.1	2.59	<5	90	0.5	10	2.31	1.0	196	2510	>10000	12.50	<10	0.21
H743932	2.36	9.0	2.59	<5	100	0.5	8	2.29	1.2	220	2660	>10000	13.50	<10	0.24
H743933	2.41	11.5	2.19	9	80	<0.5	14	1.94	2.3	275	2570	>10000	16.00	<10	0.17

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809603		10	12.20	1245	1	0.29	>10000	400	27	5.54	<5	10	144	<20	0.50	10
E809603 CRD		10	12.05	1225	<1	0.28	>10000	400	24	5.52	<5	10	140	<20	0.48	10
H743898		10	0.24	95	2	1.90	25	250	9	0.27	<5	4	166	<20	0.03	<10
H743899		10	0.31	128	2	1.40	17	270	6	0.34	<5	4	125	<20	0.04	<10
H743900		20	3.10	1680	1	1.67	87	880	6	3.87	5	28	132	<20	0.94	<10
H743901		30	6.59	1380	<1	1.50	179	860	2	1.40	<5	36	181	<20	0.98	<10
H743902		30	10.90	1315	<1	0.70	720	860	6	0.33	<5	19	366	<20	0.85	<10
H743903		20	12.00	1345	<1	0.59	800	700	3	0.19	<5	18	408	<20	0.83	<10
H743903 CRD		20	12.00	1355	<1	0.61	789	740	<2	0.19	<5	18	424	<20	0.84	10
H743904		20	12.80	1390	<1	0.54	861	700	<2	0.95	<5	16	331	<20	0.70	10
H743905		20	12.65	1335	<1	0.44	878	670	4	1.76	<5	16	386	<20	0.63	10
H743906		20	12.75	1370	<1	0.51	894	770	7	0.71	<5	16	392	<20	0.70	<10
H743907		20	13.40	1385	1	0.53	962	700	2	0.27	<5	16	404	<20	0.72	10
H743908		20	13.70	1390	<1	0.40	1220	610	4	0.42	<5	15	355	<20	0.69	<10
H743909		20	13.25	1380	2	0.37	1310	670	2	0.55	<5	16	310	<20	0.73	10
H743910		10	5.79	799	2	1.05	3250	90	3	1.58	<5	14	85	<20	0.11	10
H743911		20	12.70	1380	<1	0.36	1600	720	7	2.19	<5	16	316	<20	0.67	10
H743912		20	12.80	1390	<1	0.33	1520	780	4	2.40	<5	16	312	<20	0.67	10
H743913		20	13.00	1380	<1	0.35	951	700	4	0.51	<5	16	380	<20	0.76	10
H743914		20	13.20	1360	<1	0.40	1150	720	4	0.27	<5	16	341	<20	0.73	10
H743915		20	13.90	1385	<1	0.47	1420	730	6	0.83	10	15	368	<20	0.74	<10
H743916		20	13.55	1365	<1	0.52	1340	730	3	0.69	11	16	377	<20	0.79	<10
H743917		20	13.45	1420	<1	0.63	1320	780	6	1.24	<5	18	362	<20	0.85	<10
H743918		20	13.80	1450	<1	0.75	1370	820	<2	0.77	11	18	390	<20	0.94	<10
H743919		20	14.40	1475	<1	0.69	1170	850	3	1.12	9	17	376	<20	0.82	<10
H743920		10	0.28	609	<1	2.80	7	210	10	0.01	6	5	188	<20	0.13	<10
H743921		20	13.15	1395	<1	0.54	1040	940	3	2.18	7	17	348	<20	0.72	<10
H743922		20	13.35	1420	<1	0.66	1030	810	3	0.34	8	18	363	<20	0.87	<10
H743923		20	13.05	1425	<1	0.83	936	980	4	0.23	12	19	465	<20	0.96	<10
H743923 CRD		20	12.45	1355	<1	0.78	895	920	<2	0.21	5	18	442	<20	0.91	10
H743924		20	12.45	1345	2	0.64	3200	830	4	1.52	12	18	300	<20	0.83	<10
H743925		20	12.80	1365	<1	0.72	1720	860	7	0.91	11	18	316	<20	0.82	<10
H743926		10	11.20	1320	<1	0.42	>10000	370	2	8.16	8	17	185	<20	0.63	10
H743927		10	14.20	1450	<1	0.57	4290	550	5	3.48	9	13	280	<20	0.73	10
H743928		10	13.95	1315	<1	0.53	5360	610	9	4.12	12	12	243	<20	0.68	<10
H743929		10	14.75	1325	<1	0.46	3750	530	11	3.01	10	12	222	<20	0.64	<10
H743930		<10	10.55	1185	<1	0.81	1490	170	7	0.37	22	20	196	<20	0.12	10
H743931		10	15.00	1330	<1	0.51	3850	540	20	3.10	12	12	246	<20	0.65	<10
H743932		10	15.25	1380	<1	0.50	4290	590	28	3.29	15	12	228	<20	0.66	10
H743933		10	14.60	1360	<1	0.35	5390	480	37	3.05	13	12	171	<20	0.59	<10

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Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	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
E809603		<10	120	<10	132	1.715	1.040	0.374	>1.00	>1.00	0.36	6.94	6.37
E809603 CRD		<10	116	<10	133	1.745	1.080	0.372	>1.00	>1.00	0.38	6.82	6.33
H743898		30	3	<10	5			0.003	0.0238	0.020			
H743899		20	4	<10	4			0.002	0.0137	0.009			
H743900		10	224	<10	46			0.004	0.0118	0.006			
H743901		<10	218	<10	63			0.005	0.0396	0.026			
H743902		<10	172	<10	109			0.009	0.105	0.092			
H743903		<10	169	<10	103			0.005	0.0463	0.037			
H743903 CRD		<10	171	<10	103			0.005	0.0499	0.035			
H743904		<10	156	<10	101			0.005	0.0617	0.048			
H743905		<10	149	<10	100			0.004	0.0499	0.039			
H743906		<10	152	<10	105			0.004	0.0538	0.039			
H743907		<10	152	<10	106			0.007	0.0837	0.072			
H743908		<10	144	<10	107			0.024	0.397	0.355			
H743909		<10	150	<10	107			0.031	0.476	0.420			
H743910		10	76	<10	65			0.059	0.214	0.679			
H743911		<10	155	<10	108			0.053	0.864	0.804			
H743912		<10	156	<10	111			0.047	0.859	0.765			
H743913		<10	160	<10	105			0.007	0.123	0.105			
H743914		<10	153	<10	107			0.028	0.329	0.285			
H743915		<10	154	<10	113			0.046	0.676	0.592			
H743916		<10	159	<10	112			0.044	0.683	0.596			
H743917		<10	173	<10	112			0.046	0.761	0.658			
H743918		<10	177	<10	116			0.046	0.715	0.617			
H743919		<10	172	<10	117			0.018	0.337	0.303			
H743920		<10	17	<10	32			0.001	0.0010	0.001			
H743921		<10	167	<10	110			0.024	0.373	0.321			
H743922		<10	179	<10	112			0.019	0.309	0.271			
H743923		<10	195	<10	113			0.015	0.169	0.146			
H743923 CRD		<10	185	<10	105			0.014	0.173	0.143			
H743924		<10	185	<10	113			0.182	>1.00	>1.00	0.19	2.73	2.55
H743925		<10	175	<10	115			0.080	>1.00	>1.00	0.09	1.28	1.23
H743926		<10	173	<10	128	1.220	0.970	0.099	>1.00	>1.00	0.11	4.26	4.70
H743927		<10	154	<10	130			0.110	>1.00	>1.00	0.12	2.49	2.49
H743928		<10	146	<10	120			0.151	>1.00	>1.00	0.14	2.89	2.83
H743929		<10	137	<10	113			0.236	>1.00	>1.00	0.26	4.84	4.52
H743930		<10	119	<10	312			0.105	>1.00	0.595	NSS	NSS	NSS
H743931		<10	136	<10	108	1.080		0.285	>1.00	>1.00	0.29	5.12	4.73
H743932		<10	143	<10	122	1.195		0.305	>1.00	>1.00	0.32	5.40	4.91
H743933		<10	135	<10	126	1.560		0.429	>1.00	>1.00	0.47	7.76	6.62

***** See Appendix Page for comments regarding this certificate *****

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

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743934		2.31	12.3	2.29	<5	80	<0.5	22	2.31	2.5	353	2650	>10000	16.40	<10	0.17
H743935		2.40	11.5	2.40	<5	90	0.5	12	2.33	2.1	244	2600	>10000	13.60	<10	0.22
H743936		2.49	7.8	2.38	<5	90	<0.5	13	2.39	1.7	239	2790	>10000	13.30	<10	0.20
H743937		2.37	6.3	2.52	<5	90	0.5	10	2.40	1.0	248	2770	9980	13.60	<10	0.21
H743938		2.38	10.0	2.33	<5	90	<0.5	9	2.48	1.7	295	2700	>10000	15.25	<10	0.22
H743939		2.37	7.0	2.22	<5	80	<0.5	15	2.24	1.3	370	2630	>10000	17.20	<10	0.18
H743940		1.21	10.4	1.93	11	70	<0.5	13	1.64	2.3	454	2450	>10000	19.45	<10	0.20
H743941		2.45	8.1	2.27	20	90	<0.5	8	1.92	1.6	349	2430	>10000	16.85	<10	0.20
H743942		2.40	12.3	2.38	23	90	<0.5	13	2.18	2.5	341	2110	>10000	17.00	<10	0.17
H743943		2.44	13.6	3.07	30	110	0.6	11	2.31	1.4	193	1705	>10000	12.90	<10	0.20
H743943 CRD		<0.02	15.0	3.11	33	110	0.6	12	2.33	1.2	192	1755	>10000	12.75	<10	0.20
H743944		2.58	4.2	3.34	56	80	1.2	12	1.85	<0.5	154	1390	5000	11.85	<10	0.24
H743945		2.26	1.0	5.05	7	1060	1.2	4	3.16	<0.5	119	1170	1490	11.30	10	0.42
H743946		1.64	1.7	6.09	15	740	1.4	2	2.67	<0.5	93	594	363	12.55	10	0.91
H743947		3.63	<0.5	7.90	12	890	1.7	2	3.11	<0.5	52	39	73	9.95	20	1.14
H743948		3.32	<0.5	7.97	12	540	2.2	6	2.50	3.8	44	25	68	8.43	20	0.67
H743949		4.35	<0.5	6.93	<5	840	1.9	2	0.73	<0.5	3	22	17	1.44	20	3.94
H743950		0.12	0.9	8.92	<5	70	<0.5	7	6.83	<0.5	103	441	3660	6.44	10	0.39
H743951		4.04	<0.5	6.90	<5	700	2.2	<2	0.40	<0.5	2	14	25	0.92	20	3.74

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743934		10	15.20	1370	<1	0.44	7630	460	44	3.71	15	12	224	<20	0.61	10
H743935		10	14.85	1315	<1	0.48	4610	530	25	2.74	8	11	257	<20	0.61	10
H743936		10	15.15	1325	<1	0.49	4690	510	50	2.37	10	12	271	<20	0.61	<10
H743937		10	15.15	1345	<1	0.49	4860	560	18	2.74	14	12	260	<20	0.65	<10
H743938		10	14.80	1355	<1	0.45	6540	540	27	4.51	15	12	244	<20	0.63	<10
H743939		10	13.75	1325	<1	0.35	8510	470	15	6.59	13	12	187	<20	0.57	10
H743940		10	13.10	1310	<1	0.30	>10000	440	20	8.38	11	10	143	<20	0.53	10
H743941		10	13.10	1345	<1	0.38	8240	520	12	7.15	12	11	187	<20	0.62	<10
H743942		10	11.90	1315	<1	0.37	8440	460	13	8.01	7	12	199	<20	0.67	10
H743943		10	13.20	1455	<1	0.50	3530	740	17	4.84	6	13	266	<20	0.74	10
H743943 CRD		10	13.20	1460	<1	0.52	3520	730	23	4.61	9	13	272	<20	0.74	10
H743944		10	14.70	1490	<1	0.41	2210	760	21	3.74	9	14	501	<20	0.72	10
H743945		20	10.60	1490	<1	1.10	1090	1170	11	1.14	6	15	552	<20	1.24	<10
H743946		30	7.96	1605	<1	1.62	380	1240	36	1.78	17	14	473	<20	1.78	<10
H743947		40	3.64	1620	<1	3.03	45	1840	8	0.66	9	15	542	<20	1.95	<10
H743948		40	3.75	945	<1	3.17	26	1860	42	3.28	6	15	284	<20	1.74	10
H743949		50	0.42	115	<1	2.05	10	350	20	0.96	<5	3	114	20	0.08	<10
H743950		<10	6.11	816	<1	1.14	3090	90	5	1.73	7	15	86	<20	0.12	<10
H743951		50	0.35	71	<1	2.55	13	340	18	0.36	<5	3	113	30	0.10	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	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
H743934		<10	136	<10	135	1.790		0.430	>1.00	>1.00	0.46	8.61	7.70
H743935		<10	132	<10	116	1.250		0.400	>1.00	>1.00	0.35	4.97	3.63
H743936		<10	133	<10	113	1.005		0.269	>1.00	>1.00	0.29	4.19	3.65
H743937		<10	142	<10	111			0.207	>1.00	>1.00	0.22	3.56	3.23
H743938		<10	142	<10	119	1.275		0.328	>1.00	>1.00	0.37	5.34	4.77
H743939		<10	134	<10	123	1.420		0.254	>1.00	>1.00	0.28	5.44	5.18
H743940		<10	127	<10	140	1.745	1.045	0.345	>1.00	>1.00	0.38	7.16	6.48
H743941		<10	140	<10	129	1.415		0.296	>1.00	>1.00	0.31	5.12	4.82
H743942		<10	146	<10	136	1.980		0.464	>1.00	>1.00	0.50	7.63	7.55
H743943		<10	153	<10	115	1.240		0.420	>1.00	>1.00	0.44	4.78	4.34
H743943 CRD		<10	155	<10	110	1.205		0.409	>1.00	>1.00	0.41	4.73	4.26
H743944		<10	155	<10	141			0.159	>1.00	>1.00	0.15	1.64	1.44
H743945		<10	212	<10	141			0.039	0.416	0.425			
H743946		<10	334	<10	214			0.011	0.1105	0.110			
H743947		<10	301	<10	198			0.002	0.0084	0.008			
H743948		<10	242	<10	744			0.002	0.0069	0.009			
H743949		10	11	<10	23			0.002	0.0034	0.005			
H743950		<10	79	<10	72			0.055	0.1760	0.683			
H743951		10	10	<10	16			0.002	0.0088	0.009			

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-191 BL

CERTIFICATE OF ANALYSIS TB09112997

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

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

Finalized Date: 25-OCT-2009
Account: MGMAM

CERTIFICATE TB09112995

Project: SD09-192 BL

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 13-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
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
S-IR08	Total Sulphur (Leco)	LECO
ME-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 25-OCT-2009
Account: MGMAM

Project: SD09-192 BL

CERTIFICATE OF ANALYSIS TB09112995

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E809604		0.92	6.4	3.33	20	160	0.8	<2	2.69	1.0	177	3080	7980	12.00	<10	0.31
H743952		4.36	0.6	7.15	<5	1130	1.8	2	0.13	<0.5	1	24	43	0.60	20	5.40
H743953		3.92	0.7	7.25	<5	1460	1.6	<2	0.12	<0.5	2	14	21	0.81	20	6.00
H743954		4.56	<0.5	6.36	<5	1380	1.7	2	5.28	<0.5	41	76	129	7.68	10	0.45
H743955		3.56	<0.5	4.60	17	90	1.1	5	7.43	<0.5	46	700	142	7.09	10	0.32
H743956		1.93	0.8	4.07	74	260	1.0	6	4.09	<0.5	93	962	553	9.26	10	0.22
H743957		4.03	<0.5	3.95	5	260	1.0	3	4.35	<0.5	102	1520	296	9.65	10	0.40
H743958		4.57	<0.5	3.47	<5	200	0.8	<2	3.94	<0.5	106	1720	337	9.57	<10	0.43
H743959		4.60	<0.5	3.36	11	170	0.8	<2	3.56	<0.5	108	1920	211	9.58	10	0.44
H743960		0.09	<0.5	7.00	<5	990	1.0	<2	1.43	<0.5	4	34	19	1.67	10	2.17
H743961		4.62	<0.5	3.28	80	130	0.7	2	2.98	<0.5	107	1900	169	9.51	10	0.32
H743962		4.24	<0.5	3.07	26	120	0.7	<2	3.20	<0.5	122	2070	650	10.10	<10	0.32
H743963		4.58	<0.5	3.32	11	180	0.8	4	3.73	<0.5	118	2020	251	10.20	<10	0.37
H743963 CRD		<0.02	<0.5	3.30	6	190	0.8	3	3.63	<0.5	118	2060	241	10.10	<10	0.37
H743964		4.58	<0.5	3.12	14	160	0.7	3	3.44	<0.5	120	2140	418	10.05	<10	0.32
H743965		4.29	0.6	2.99	52	90	0.8	<2	2.99	<0.5	140	1970	1620	10.60	<10	0.25
H743966		4.63	<0.5	3.15	5	140	0.7	<2	3.51	<0.5	126	2070	1240	10.15	<10	0.31
H743967		4.81	0.6	2.83	8	160	0.7	<2	3.27	<0.5	134	2230	1240	10.15	<10	0.36
H743968		2.35	0.7	2.94	14	170	0.7	4	3.29	<0.5	143	2160	2050	10.60	<10	0.39
H743969		4.54	<0.5	3.04	8	160	0.7	4	3.49	<0.5	123	2440	648	10.10	10	0.44
H743970		0.12	<0.5	7.15	<5	60	<0.5	2	5.12	<0.5	84	3820	707	6.78	10	0.17
H743971		4.58	<0.5	2.93	9	160	0.7	4	3.34	<0.5	124	2600	385	10.10	<10	0.51
H743972		4.54	<0.5	2.80	15	130	0.6	2	3.25	<0.5	130	2780	417	10.25	<10	0.40
H743973		2.24	<0.5	2.82	11	160	0.7	<2	2.97	<0.5	127	3060	289	9.99	<10	0.35
H743974		2.43	1.6	2.65	<5	150	0.7	<2	2.79	<0.5	161	3090	2740	10.95	<10	0.27
H743975		2.25	1.2	2.73	<5	150	0.7	2	2.83	<0.5	151	3180	2260	10.60	<10	0.32
H743976		2.15	0.9	2.54	<5	150	0.6	3	2.70	<0.5	143	3100	1600	10.15	<10	0.25
H743977		2.10	2.8	2.25	<5	120	0.6	<2	2.27	<0.5	235	3300	5860	12.80	<10	0.18
H743978		2.21	7.1	1.95	33	90	<0.5	14	2.08	1.2	285	3320	>10000	14.65	<10	0.14
H743979		2.26	9.4	2.01	<5	100	<0.5	13	2.28	1.5	288	3280	>10000	14.85	<10	0.15
H743980		0.12	1.0	9.19	<5	70	<0.5	4	7.08	<0.5	108	488	3680	6.76	10	0.40
H743981		2.03	9.3	2.07	19	120	<0.5	14	2.19	1.8	244	3320	>10000	13.50	<10	0.16
H743982		2.14	7.5	2.14	<5	120	0.5	3	2.39	1.3	233	3150	>10000	13.20	<10	0.18
H743983		2.37	10.8	2.31	<5	120	0.5	12	2.43	2.0	211	3210	>10000	12.15	<10	0.22
H743983 CRD		<0.02	10.8	2.38	<5	120	0.6	12	2.48	2.2	216	3150	>10000	12.50	<10	0.22
H743984		2.11	12.8	2.85	12	140	0.6	16	2.80	2.8	151	3030	>10000	10.60	<10	0.27
H743985		2.29	7.6	2.70	7	130	0.6	11	2.89	1.4	253	2800	>10000	14.05	<10	0.26
H743986		2.62	7.3	2.03	14	80	<0.5	14	2.52	1.4	448	2320	>10000	19.80	<10	0.17
H743987		2.30	5.3	1.77	<5	70	<0.5	12	2.35	1.0	593	1970	>10000	23.3	<10	0.16
H743988		1.42	7.6	1.84	<5	90	<0.5	14	1.60	1.3	708	1850	>10000	24.3	<10	0.20

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

Finalized Date: 25-OCT-2009
Account: MGMAM

Project: SD09-192 BL

CERTIFICATE OF ANALYSIS TB09112995

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809604		20	14.00	1465	<1	0.64	3150	700	23	3.10	14	14	318	<20	0.80	<10
H743952		20	0.24	71	<1	1.49	18	240	12	0.21	<5	3	117	20	0.04	<10
H743953		20	0.33	121	<1	1.25	11	250	4	0.17	<5	3	127	20	0.05	<10
H743954		40	4.16	902	1	2.45	73	1320	<2	0.81	<5	28	190	<20	1.37	<10
H743955		30	6.22	978	1	1.45	153	960	2	3.81	<5	36	169	<20	0.92	<10
H743956		30	11.80	1290	<1	0.83	694	990	16	3.30	<5	21	218	<20	0.74	<10
H743957		30	12.75	1510	<1	0.82	773	840	15	0.22	<5	20	470	<20	0.90	<10
H743958		20	13.25	1455	<1	0.62	842	820	3	0.13	<5	18	389	<20	0.83	<10
H743959		20	13.75	1445	<1	0.66	869	740	3	0.43	6	17	349	<20	0.78	<10
H743960		20	0.26	617	1	2.75	11	190	8	<0.01	<5	5	189	<20	0.12	<10
H743961		20	14.40	1500	1	0.31	854	740	7	2.29	6	17	190	<20	0.67	<10
H743962		20	15.05	1460	<1	0.44	1085	720	4	1.04	11	16	306	<20	0.68	<10
H743963		20	14.90	1535	<1	0.54	961	780	<2	0.36	<5	18	403	<20	0.81	<10
H743963 CRD		20	14.75	1500	<1	0.53	948	780	<2	0.37	9	18	395	<20	0.78	<10
H743964		20	14.70	1480	<1	0.48	1010	680	2	0.80	7	17	335	<20	0.73	<10
H743965		20	14.95	1570	<1	0.42	1415	700	10	1.76	8	17	252	<20	0.69	<10
H743966		20	14.00	1450	<1	0.59	1295	730	4	0.79	<5	17	327	<20	0.76	<10
H743967		20	15.05	1450	<1	0.46	1350	660	6	0.67	8	16	346	<20	0.70	<10
H743968		20	14.80	1470	<1	0.50	1640	740	4	1.18	9	16	353	<20	0.71	<10
H743969		20	15.25	1465	<1	0.49	1210	740	3	0.47	9	17	348	<20	0.72	<10
H743970		10	10.95	1230	<1	0.78	1545	160	6	0.37	28	21	194	<20	0.12	<10
H743971		20	15.95	1490	<1	0.39	1190	640	4	0.20	10	16	364	<20	0.75	<10
H743972		20	16.60	1500	<1	0.36	1250	730	5	0.40	9	16	360	<20	0.71	<10
H743973		20	16.35	1475	<1	0.50	1250	670	<2	0.77	14	15	312	<20	0.68	<10
H743974		20	16.10	1430	<1	0.63	2100	640	5	1.10	7	14	292	<20	0.65	<10
H743975		20	16.20	1430	<1	0.57	1850	640	4	0.63	10	14	295	<20	0.66	<10
H743976		20	16.00	1395	<1	0.40	1715	620	4	0.24	8	14	296	<20	0.63	<10
H743977		20	15.45	1375	<1	0.45	3810	550	6	0.93	14	13	206	<20	0.56	<10
H743978		10	15.00	1410	<1	0.33	5080	490	4	2.27	8	13	175	<20	0.48	<10
H743979		10	14.90	1450	<1	0.32	5080	460	6	2.94	13	13	179	<20	0.54	<10
H743980		10	6.60	872	1	1.15	3300	90	7	1.79	6	17	90	<20	0.12	<10
H743981		10	14.15	1360	<1	0.30	4410	510	5	3.77	13	13	172	<20	0.54	<10
H743982		20	14.25	1330	<1	0.38	4220	510	9	2.58	10	13	209	<20	0.57	<10
H743983		20	13.60	1310	<1	0.53	3940	540	23	2.37	11	13	234	<20	0.60	<10
H743983 CRD		20	14.00	1340	<1	0.55	3950	550	23	2.46	10	14	243	<20	0.61	<10
H743984		20	13.60	1365	<1	0.58	2760	660	44	1.58	13	15	293	<20	0.69	<10
H743985		20	13.25	1360	1	0.57	4910	620	9	2.63	11	15	263	<20	0.65	<10
H743986		10	11.20	1305	1	0.36	9870	480	10	6.27	8	15	187	<20	0.55	<10
H743987		10	9.67	1235	<1	0.38	>10000	390	16	>10.0	10	14	179	<20	0.54	<10
H743988		10	9.25	1200	1	0.39	>10000	440	18	>10.0	8	9	187	<20	0.40	<10

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

Finalized Date: 25-OCT-2009
Account: MGMAM

Project: SD09-192 BL

CERTIFICATE OF ANALYSIS TB09112995

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	Ni-OG62 Ni % 0.001	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	S-IR08 S % 0.01
E809604		<10	169	<10	142			0.301	>1.00	>1.00	0.32	4.27	3.68	
H743952		10	7	<10	3			0.001	0.0036	0.004				
H743953		10	8	<10	5			0.004	0.0084	0.009				
H743954		<10	290	<10	73			0.001	0.0097	0.003				
H743955		<10	228	<10	63			0.005	0.0264	0.014				
H743956		<10	184	<10	87			0.010	0.143	0.157				
H743957		<10	189	<10	108			0.007	0.0707	0.070				
H743958		<10	178	<10	104			0.009	0.0868	0.091				
H743959		<10	172	<10	103			0.006	0.0518	0.048				
H743960		10	18	<10	29			0.003	<0.0005	0.001				
H743961		<10	170	<10	115			0.005	0.0454	0.044				
H743962		<10	163	<10	107			0.014	0.180	0.194				
H743963		<10	179	<10	113			0.006	0.0579	0.063				
H743963 CRD		<10	178	<10	110			0.006	0.0611	0.065				
H743964		<10	171	<10	109			0.009	0.112	0.117				
H743965		<10	165	<10	114			0.037	0.551	0.606				
H743966		<10	169	<10	105			0.032	0.466	0.500				
H743967		<10	156	<10	108			<0.001	0.0256	0.024				
H743968		<10	159	<10	122			0.050	0.736	0.834				
H743969		<10	167	<10	108			0.019	0.266	0.289				
H743970		<10	124	<10	303			0.113	>1.00	0.607	0.11	1.25	0.58	
H743971		<10	163	<10	108			0.015	0.191	0.191				
H743972		<10	157	<10	107			0.014	0.187	0.187				
H743973		<10	154	<10	107			0.010	0.126	0.124				
H743974		<10	144	<10	107			0.066	1.000	>1.00	0.07	1.12	1.09	
H743975		<10	146	<10	105			0.058	0.748	0.852				
H743976		<10	139	<10	108			0.042	0.595	0.678				
H743977		<10	132	<10	107			0.109	>1.00	>1.00	0.12	2.25	2.32	
H743978		<10	128	<10	120	1.110		0.259	>1.00	>1.00	0.27	4.60	4.55	
H743979		<10	136	<10	121	1.185		0.352	>1.00	>1.00	0.37	5.00	4.71	
H743980		<10	84	<10	71			0.056	0.175	0.718				
H743981		<10	134	<10	110	1.185		0.373	>1.00	>1.00	0.40	5.00	4.64	
H743982		<10	135	<10	108	1.035		0.293	>1.00	>1.00	0.30	4.36	4.21	
H743983		<10	139	<10	106	1.270		0.453	>1.00	>1.00	0.46	5.70	5.38	
H743983 CRD		<10	142	<10	106	1.225		0.443	>1.00	>1.00	0.41	5.33	5.34	
H743984		<10	155	<10	102	1.190		0.534	>1.00	>1.00	0.55	6.17	5.40	
H743985		<10	156	<10	118	1.090		0.328	>1.00	>1.00	0.33	5.45	5.24	
H743986		<10	149	<10	129	1.680		0.307	>1.00	>1.00	0.32	8.18	8.40	
H743987		<10	144	<10	132	2.17	1.395	0.234	>1.00	>1.00	0.24	10.00	10.45	11.65
H743988		<10	115	<10	127	1.955	1.495	0.307	>1.00	>1.00	0.33	7.94	8.03	13.60

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

Finalized Date: 25-OCT-2009
Account: MGMAM

Project: SD09-192 BL

CERTIFICATE OF ANALYSIS TB09112995

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H743989		1.20	4.7	3.44	<5	140	0.7	7	3.02	0.8	227	2680	7360	13.35	<10	0.29
H743990		1.13	6.3	3.21	18	150	0.9	3	2.63	0.8	167	2960	7400	11.60	<10	0.30
H743991		2.18	3.1	3.22	50	140	1.0	3	2.31	0.8	129	2890	3630	10.50	<10	0.37
H743992		2.31	0.6	3.29	11	140	0.8	<2	2.30	<0.5	139	2920	1050	10.75	10	0.36
H743993		4.19	<0.5	4.20	<5	310	0.9	<2	2.24	<0.5	134	1470	638	12.00	10	0.53
H743994		3.20	<0.5	4.71	<5	900	1.1	<2	3.42	<0.5	110	1140	134	11.20	10	0.46
H743995		4.14	<0.5	7.90	7	400	2.1	<2	2.93	<0.5	48	29	39	9.21	20	0.89
H743996		4.27	0.8	6.91	<5	1030	1.8	<2	0.21	<0.5	3	11	14	1.30	20	4.20
H743997		3.94	<0.5	6.94	<5	820	1.9	2	0.23	<0.5	2	12	5	1.08	20	3.95

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Project: SD09-192 BL

CERTIFICATE OF ANALYSIS TB09112995

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H743989		20	13.05	1370	<1	0.75	4360	680	18	3.06	9	15	342	<20	0.83	<10
H743990		20	13.75	1400	1	0.62	2930	700	22	2.89	10	14	306	<20	0.78	<10
H743991		20	14.15	1660	2	0.62	1520	760	30	1.68	12	15	278	<20	0.82	<10
H743992		20	13.65	1480	3	0.68	1560	780	5	1.36	8	15	296	<20	0.85	<10
H743993		30	11.80	1610	<1	0.71	1045	1020	7	1.16	8	14	295	<20	1.21	<10
H743994		30	10.35	1475	<1	1.10	637	1200	5	0.57	<5	13	591	<20	1.32	<10
H743995		50	3.72	1260	1	3.22	42	1800	22	2.07	<5	16	448	<20	1.75	<10
H743996		40	0.31	80	<1	2.25	14	310	18	0.72	<5	3	143	20	0.10	<10
H743997		50	0.29	68	<1	2.47	6	360	17	0.43	<5	3	127	20	0.09	<10

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Finalized Date: 25-OCT-2009
Account: MGMAM

Project: SD09-192 BL

CERTIFICATE OF ANALYSIS TB09112995

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Ni-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	S-IR08
	Analyte	U	V	W	Zn	Cu	Ni	Au	Pt	Pd	Au	Pt	Pd	S
	Units	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	1	10	2	0.001	0.001	0.001	0.0005	0.001	0.03	0.03	0.03	0.01
H743989		<10	176	<10	114			0.206	>1.00	>1.00	0.21	3.39	3.13	
H743990		<10	167	<10	122			0.281	>1.00	>1.00	0.29	4.08	3.47	
H743991		<10	176	<10	137			0.191	>1.00	>1.00	0.19	2.10	1.68	
H743992		<10	180	<10	115			0.021	0.254	0.274				
H743993		<10	232	<10	129			0.011	0.1240	0.154				
H743994		<10	237	<10	141			0.003	0.0134	0.013				
H743995		<10	275	<10	184			0.001	0.0040	0.004				
H743996		<10	12	<10	50			0.001	0.0062	0.006				
H743997		<10	10	<10	39			0.001	0.0038	0.003				

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

Finalized Date: 31-OCT-2009
Account: MGMAM

CERTIFICATE TB09116183

Project: SD09-193 BL

P.O. No.:

This report is for 40 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

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
S-IR08	Total Sulphur (Leco)	LECO
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 31-OCT-2009
Account: MGMAM

Project: SD09-193 BL

CERTIFICATE OF ANALYSIS TB09116183

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E809605		0.88	31.1	7.14	55	380	1.7	5	2.90	6.8	66	50	6380	10.45	20	0.72
H743998		4.05	<0.5	6.84	<5	1340	1.1	<2	0.15	<0.5	1	14	13	0.87	20	3.94
H743999		3.00	<0.5	6.64	<5	1310	1.2	<2	0.15	<0.5	1	13	27	1.28	20	3.95
H744000		0.11	0.9	8.55	5	70	<0.5	<2	6.72	0.5	101	421	3450	6.32	10	0.37
H744001		1.41	0.5	4.82	9	3670	1.8	<2	7.51	<0.5	39	692	383	5.35	10	0.23
H744002		3.11	0.5	3.82	28	1080	1.3	<2	5.14	1.3	71	900	316	8.65	10	0.17
H744003		5.04	0.7	3.63	29	2320	1.0	<2	4.89	0.6	86	1270	159	8.66	10	0.35
H744003 CRD		<0.02	0.5	3.69	20	2140	1.0	<2	4.84	0.6	89	1270	159	8.85	10	0.36
H744004		5.13	0.5	3.40	15	300	0.8	<2	4.04	<0.5	99	1590	264	9.17	10	0.43
H744005		4.78	0.8	3.13	<5	170	0.7	<2	3.68	<0.5	106	1620	451	9.37	10	0.38
H744006		4.76	0.9	3.17	<5	170	0.8	<2	3.52	<0.5	112	1720	761	9.71	10	0.33
H744007		4.77	2.1	3.06	14	130	0.8	<2	3.45	<0.5	149	1840	2960	10.85	10	0.31
H744008		4.84	1.8	3.17	18	100	0.8	<2	3.36	<0.5	132	1940	1860	10.30	10	0.34
H744009		4.70	1.7	3.24	10	110	0.7	<2	3.56	<0.5	131	1870	1780	10.40	10	0.33
H744010		0.08	<0.5	6.44	<5	930	1.0	2	1.34	<0.5	3	30	24	1.58	10	2.11
H744011		4.69	2.9	3.26	16	140	0.7	<2	3.86	0.7	153	1760	3740	10.90	10	0.31
H744012		4.82	3.6	3.03	9	140	0.8	<2	3.40	0.7	174	1920	4670	11.45	10	0.28
H744013		2.38	3.6	3.25	14	120	0.8	<2	3.33	1.0	174	1800	4900	11.50	10	0.31
H744014		2.45	4.8	3.06	19	120	0.8	<2	3.09	1.1	178	2270	6200	11.45	10	0.26
H744015		2.43	5.7	3.02	7	130	0.7	<2	3.17	1.3	199	2620	8310	12.60	10	0.21
H744016		2.46	6.5	3.20	<5	160	0.8	<2	3.19	1.6	187	2010	8720	12.05	10	0.26
H744017		2.60	5.8	2.77	5	120	0.7	43	2.64	1.5	313	1600	>10000	15.35	10	0.23
H744018		2.07	7.6	3.14	30	220	1.2	19	2.66	1.1	206	1470	>10000	13.35	10	0.32
H744019		1.57	8.4	1.75	22	40	<0.5	16	2.20	2.3	652	1310	>10000	23.6	<10	0.13
H744020		0.11	0.6	6.71	<5	60	<0.5	<2	4.80	<0.5	78	3480	710	6.35	10	0.15
H744021		2.35	12.3	2.19	27	30	0.5	36	2.16	3.9	474	1180	>10000	20.2	<10	0.13
H744022		1.90	7.3	3.33	<5	120	0.6	2	3.32	1.5	250	1530	9970	13.65	10	0.27
H744023		2.52	3.4	3.50	10	130	0.8	<2	3.59	0.8	143	1820	4420	10.90	10	0.35
H744023 CRD		<0.02	3.2	3.50	10	140	0.8	<2	3.62	0.9	145	1790	4520	11.00	10	0.36
H744024		2.42	1.1	3.41	<5	190	0.7	<2	3.94	<0.5	110	2060	1100	9.77	10	0.36
H744025		4.67	0.7	3.41	5	170	0.7	<2	3.79	<0.5	120	2380	326	10.25	10	0.33
H744026		4.53	0.9	3.50	10	80	0.7	<2	3.60	<0.5	110	2080	226	9.91	10	0.33
H744027		4.91	0.5	3.67	<5	190	0.7	<2	3.84	<0.5	105	1960	162	9.60	10	0.30
H744028		2.20	2.2	3.59	<5	150	0.8	<2	3.40	0.5	106	1730	1400	9.65	10	0.33
H744029		2.47	7.5	3.93	14	120	0.8	<2	3.03	1.5	113	1480	6910	10.30	10	0.28
H744030		0.91	22.7	7.54	60	690	1.8	<2	2.85	3.0	72	35	7170	10.90	20	0.77
H744031		4.94	1.6	7.91	14	320	2.1	<2	2.77	<0.5	46	14	65	8.64	20	0.84
H744032		2.37	<0.5	6.65	<5	710	1.4	<2	0.53	<0.5	1	10	26	0.74	20	3.39
H744033		3.37	<0.5	6.07	<5	570	1.2	2	1.10	<0.5	1	9	10	0.61	20	2.88
H744034		5.36	<0.5	7.28	5	430	2.9	<2	1.01	<0.5	18	128	28	3.86	20	1.96

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

Finalized Date: 31-OCT-2009
Account: MGMAM

Project: SD09-193 BL

CERTIFICATE OF ANALYSIS TB09116183

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809605		40	3.74	1360	3	1.94	729	1590	22	3.84	<5	16	512	<20	1.71	<10
H743998		30	0.25	115	1	1.60	5	230	4	0.29	<5	3	161	30	0.08	<10
H743999		10	0.37	127	4	1.84	9	310	3	0.48	<5	3	132	20	0.09	<10
H744000		<10	5.91	790	1	1.07	2960	80	5	1.55	<5	15	81	<20	0.11	<10
H744001		20	4.52	1680	1	1.69	185	870	39	0.36	<5	27	216	<20	0.79	<10
H744002		20	10.35	1825	<1	0.94	538	790	65	0.47	<5	21	148	<20	0.85	<10
H744003		20	11.00	1420	<1	0.70	610	820	119	0.39	5	20	480	<20	0.82	<10
H744003 CRD		20	11.10	1435	<1	0.72	625	840	108	0.37	5	20	481	<20	0.85	<10
H744004		20	11.95	1350	<1	0.67	750	770	2	0.49	7	18	381	<20	0.83	<10
H744005		20	12.45	1360	<1	0.48	861	730	3	0.24	<5	17	314	<20	0.79	<10
H744006		20	12.85	1400	<1	0.43	959	620	2	0.41	5	17	269	<20	0.79	<10
H744007		20	12.80	1370	<1	0.40	1670	650	6	1.40	10	17	245	<20	0.74	<10
H744008		20	13.25	1405	<1	0.47	1360	630	6	1.37	6	17	273	<20	0.71	<10
H744009		20	13.05	1430	1	0.49	1375	730	2	0.84	7	18	277	<20	0.81	<10
H744010		10	0.24	580	1	2.71	7	180	7	0.01	<5	5	178	<20	0.12	<10
H744011		20	11.90	1285	<1	0.41	1960	920	8	1.17	7	18	241	<20	0.83	<10
H744012		20	11.70	1305	1	0.56	2280	660	11	2.44	7	16	297	<20	0.74	<10
H744013		20	12.00	1365	1	0.59	2210	720	12	2.40	5	16	298	<20	0.81	<10
H744014		20	12.30	1385	<1	0.53	2290	770	14	2.36	7	15	299	<20	0.70	<10
H744015		20	12.15	1400	<1	0.41	3100	800	7	1.50	9	17	247	<20	0.68	<10
H744016		20	11.80	1350	<1	0.56	3170	770	7	1.05	8	16	320	<20	0.71	<10
H744017		20	10.55	1220	<1	0.48	6170	560	9	3.99	6	15	241	<20	0.63	<10
H744018		20	10.80	1325	<1	0.54	3310	670	11	5.10	<5	15	252	<20	0.64	<10
H744019		10	8.62	1105	2	0.24	>10000	400	16	9.58	<5	14	134	<20	0.50	<10
H744020		<10	10.05	1105	1	0.76	1390	150	6	0.33	29	19	182	<20	0.11	<10
H744021		10	9.35	1175	3	0.19	9540	480	24	>10.0	9	16	102	<20	0.60	<10
H744022		10	10.20	1260	2	0.71	4610	670	23	4.01	6	18	319	<20	0.86	<10
H744023		20	11.60	1320	1	0.80	2140	640	13	1.73	7	17	340	<20	0.90	<10
H744023 CRD		20	11.65	1325	1	0.80	2190	650	12	1.75	6	17	340	<20	0.90	<10
H744024		20	12.60	1320	<1	0.60	1030	670	3	0.34	5	18	353	<20	0.91	<10
H744025		20	13.70	1400	<1	0.51	1040	730	3	0.78	9	18	390	<20	0.88	<10
H744026		10	12.75	1395	<1	0.57	984	740	5	0.66	9	17	304	<20	0.92	<10
H744027		20	12.45	1340	1	0.69	945	760	3	0.46	9	18	422	<20	0.95	<10
H744028		20	12.50	1315	<1	0.68	1060	780	8	1.15	<5	18	360	<20	0.91	<10
H744029		20	11.45	1300	1	0.49	1435	780	20	2.39	6	18	175	<20	0.98	<10
H744030		40	3.86	1440	2	2.07	799	1650	21	3.51	6	17	582	<20	1.86	<10
H744031		40	3.64	1195	1	3.09	32	1840	24	2.46	<5	16	368	<20	1.77	<10
H744032		30	0.29	91	<1	2.62	6	280	12	0.25	<5	3	174	<20	0.07	<10
H744033		20	0.17	127	1	2.71	6	250	14	0.23	<5	3	178	<20	0.05	<10
H744034		20	2.31	556	2	1.73	82	810	6	0.13	<5	12	228	<20	0.26	<10

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

Finalized Date: 31-OCT-2009
Account: MGMAM

Project: SD09-193 BL

CERTIFICATE OF ANALYSIS TB09116183

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	Ni-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27	S-IR08
	Analyte	U	V	W	Zn	Cu	Ni	Au	Pt	Pd	Au	Pt	Pd	S
	Units	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	10	1	10	2	0.001	0.001	0.001	0.0005	0.001	0.03	0.03	0.03	0.01
E809605		<10	273	<10	1380			0.372	>1.00	>1.00	0.39	2.65	2.17	
H743998		10	8	<10	4			0.003	0.0025	0.002				
H743999		20	11	<10	8			0.003	0.0089	0.006				
H744000		<10	76	<10	69			0.059	0.1905	0.707				
H744001		<10	164	<10	106			0.004	0.0296	0.032				
H744002		<10	173	<10	388			0.008	0.0810	0.075				
H744003		<10	168	<10	189			0.005	0.0297	0.022				
H744003 CRD		<10	175	<10	184			0.005	0.0342	0.027				
H744004		<10	168	<10	104			0.007	0.0785	0.074				
H744005		<10	164	<10	105			0.012	0.1345	0.139				
H744006		<10	162	<10	106			0.021	0.284	0.282				
H744007		<10	159	<10	110			0.064	>1.00	>1.00	0.07	1.15	1.18	
H744008		<10	158	<10	113			0.045	0.687	0.688				
H744009		<10	166	<10	108			0.043	0.704	0.704				
H744010		10	17	<10	29			0.002	0.0018	0.001				
H744011		<10	175	<10	111			0.094	>1.00	>1.00	0.09	1.50	1.53	
H744012		<10	161	<10	115			0.105	>1.00	>1.00	0.11	1.85	1.92	
H744013		<10	163	<10	117			0.119	>1.00	>1.00	0.12	2.02	2.05	
H744014		<10	151	<10	107			0.177	>1.00	>1.00	0.19	2.65	2.64	
H744015		<10	163	<10	117			0.176	>1.00	>1.00	0.20	3.20	3.25	
H744016		<10	161	<10	117			0.214	>1.00	>1.00	0.22	3.51	3.47	
H744017		<10	146	<10	121	1.280		0.187	>1.00	>1.00	0.19	5.03	5.63	
H744018		<10	147	<10	111	1.075		0.306	>1.00	>1.00	0.32	4.48	4.24	
H744019		<10	131	<10	144	2.08	1.315	0.241	>1.00	>1.00	0.24	7.80	9.13	
H744020		<10	109	<10	287			0.121	>1.00	0.592	0.11	1.26	0.57	
H744021		<10	146	<10	156	1.960		0.537	>1.00	>1.00	0.57	10.55	10.10	12.20
H744022		<10	179	<10	111			0.314	>1.00	>1.00	0.33	5.27	4.90	
H744023		<10	186	<10	115			0.155	>1.00	>1.00	0.16	2.30	2.20	
H744023 CRD		<10	184	<10	115			0.154	>1.00	>1.00	0.15	2.29	2.21	
H744024		<10	187	<10	104			0.042	0.529	0.483				
H744025		<10	194	<10	114			0.011	0.1005	0.083				
H744026		<10	194	<10	120			0.006	0.0563	0.046				
H744027		<10	191	<10	109			0.005	0.0406	0.033				
H744028		<10	187	<10	106			0.063	0.613	0.509				
H744029		<10	198	<10	133			0.288	>1.00	>1.00	0.30	2.84	2.23	
H744030		<10	292	<10	517			0.382	>1.00	>1.00	0.40	2.85	2.30	
H744031		<10	249	<10	134			0.003	0.0123	0.015				
H744032		20	10	<10	12			0.003	0.0117	0.007				
H744033		10	8	<10	3			0.002	0.0048	0.003				
H744034		<10	89	<10	66			0.002	0.0033	0.003				

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

Finalized Date: 27-OCT-2009
Account: MGMAM

CERTIFICATE TB09116180

Project: SD09-195 BL

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

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
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
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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27-OCT-2009
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Project: SD09-195 BL

CERTIFICATE OF ANALYSIS TB09116180

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744043		3.79	<0.5	7.20	6	300	1.8	<2	3.01	<0.5	43	25	30	8.42	20	1.17
H744043 CRD		<0.02	<0.5	7.03	6	310	1.7	<2	2.99	<0.5	41	22	25	8.11	20	1.21
H744044		4.92	<0.5	6.66	<5	370	1.6	<2	3.24	<0.5	60	43	41	11.00	20	0.69
H744045		4.69	<0.5	7.11	8	430	1.8	<2	3.26	<0.5	42	16	42	8.44	20	0.96
H744046		3.97	<0.5	6.37	<5	310	1.8	2	0.37	<0.5	2	10	2	0.84	20	3.58
H744047		4.66	<0.5	6.41	<5	340	1.7	2	0.48	<0.5	2	11	2	0.92	20	3.41
H744048		5.18	<0.5	6.59	<5	560	2.1	<2	0.27	<0.5	1	13	1	0.93	20	3.90
H744049		0.09	0.9	6.16	<5	880	0.9	3	1.31	<0.5	3	23	15	1.53	10	2.04
H744050		0.09	<0.5	6.19	<5	900	1.0	3	1.34	<0.5	3	20	15	1.57	10	2.09

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Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744043		40	2.84	901	1	3.11	26	1490	4	2.01	<5	13	345	<20	1.61	<10
H744043 CRD		40	2.73	873	1	3.04	26	1460	5	2.02	<5	13	334	<20	1.54	<10
H744044		40	3.17	1245	1	2.77	44	1530	7	2.37	<5	14	440	<20	1.86	<10
H744045		40	2.74	1035	1	3.09	21	1670	3	1.63	<5	14	421	<20	1.60	<10
H744046		20	0.14	70	<1	2.42	<1	250	12	0.19	<5	2	95	<20	0.07	<10
H744047		30	0.17	97	1	2.55	<1	250	15	0.05	<5	3	101	20	0.07	<10
H744048		40	0.20	76	<1	2.54	<1	300	16	0.24	<5	3	127	20	0.08	<10
H744049		10	0.20	572	1	2.58	1	180	6	<0.01	<5	4	167	<20	0.11	<10
H744050		10	0.20	581	<1	2.66	2	180	5	<0.01	<5	5	173	<20	0.12	<10

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Project: SD09-195 BL

CERTIFICATE OF ANALYSIS TB09116180

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H744043		<10	252	<10	94	0.001	<0.0005	<0.001
H744043 CRD		<10	238	<10	91	0.002	<0.0005	<0.001
H744044		<10	343	<10	134	0.002	<0.0005	<0.001
H744045		<10	237	<10	115	0.002	<0.0005	<0.001
H744046		10	7	<10	6	0.003	<0.0005	<0.001
H744047		10	6	<10	6	0.001	<0.0005	<0.001
H744048		10	7	<10	4	0.001	<0.0005	<0.001
H744049		10	15	<10	31	0.002	<0.0005	<0.001
H744050		10	16	<10	29	0.001	<0.0005	<0.001

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

Finalized Date: 27-OCT-2009
Account: MGMAM

CERTIFICATE TB09116181

Project: SD09-194 BL

P.O. No.:

This report is for 8 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

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 - 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
ME-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-194 BL

CERTIFICATE OF ANALYSIS TB09116181

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744035		4.55	1.4	7.49	5	340	3.7	<2	2.70	<0.5	9	30	25	2.90	20	0.91
H744036		4.36	1.0	7.32	<5	670	3.7	<2	2.34	<0.5	9	29	24	2.74	20	1.12
H744037		5.56	<0.5	7.51	7	550	1.8	<2	3.29	<0.5	46	14	60	8.93	20	1.07
H744038		4.77	<0.5	7.10	6	270	1.6	2	3.67	<0.5	65	54	31	12.15	20	0.64
H744039		5.98	<0.5	7.38	5	740	1.8	<2	3.43	<0.5	46	16	44	9.18	20	1.17
H744040		0.12	0.9	8.03	<5	70	<0.5	5	6.46	<0.5	95	402	3250	6.11	10	0.36
H744041		4.99	1.1	7.29	<5	440	4.3	2	2.33	<0.5	10	33	57	2.94	20	1.03
H744042		5.19	1.3	7.41	<5	400	4.8	<2	2.97	<0.5	11	42	35	3.13	20	1.02

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Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-194 BL

CERTIFICATE OF ANALYSIS TB09116181

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744035		40	0.97	671	<1	2.97	9	860	19	0.23	<5	6	1900	20	0.20	<10
H744036		40	0.96	537	<1	2.86	8	870	17	0.49	<5	6	1630	<20	0.19	<10
H744037		40	2.99	1075	1	3.05	22	1700	7	1.78	<5	15	555	<20	1.70	<10
H744038		40	3.37	1140	<1	2.59	55	1600	<2	1.23	<5	14	422	<20	2.07	<10
H744039		40	2.88	1100	1	3.15	23	1730	9	1.79	<5	15	557	<20	1.73	<10
H744040		10	5.66	769	2	1.07	2800	80	<2	1.50	<5	14	79	<20	0.11	<10
H744041		30	1.08	610	<1	3.00	25	950	15	0.30	<5	6	1565	<20	0.22	<10
H744042		40	1.24	740	<1	2.62	17	1250	21	0.27	<5	7	1735	20	0.22	<10

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Finalized Date: 27-OCT-2009
Account: MGMAM

Project: SD09-194 BL

CERTIFICATE OF ANALYSIS TB09116181

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H744035		<10	60	<10	62	0.002	<0.0005	0.001
H744036		<10	59	<10	54	0.002	<0.0005	0.001
H744037		<10	244	<10	132	0.002	<0.0005	<0.001
H744038		<10	396	<10	154	0.001	<0.0005	<0.001
H744039		<10	255	<10	138	0.002	<0.0005	<0.001
H744040		<10	72	<10	66	0.056	0.182	0.691
H744041		<10	64	<10	62	0.002	<0.0005	0.001
H744042		<10	67	<10	76	0.002	<0.0005	0.001

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

Finalized Date: 31-OCT-2009
Account: MGMAM

CERTIFICATE TB09116844

Project: SD09-196 BL

P.O. No.:

This report is for 39 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 20-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

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
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG62	Ore Grade Cu - 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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 31-OCT-2009
Account: MGMAM

Project: SD09-196 BL

CERTIFICATE OF ANALYSIS TB09116844

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809606		1.17	<0.5	3.70	8	180	0.9	<2	4.75	<0.5	94	1470	236	9.39	10	0.44
H744051		2.93	<0.5	6.57	<5	960	1.1	3	0.12	<0.5	1	29	4	0.59	10	6.44
H744052		4.57	<0.5	6.71	<5	1230	1.6	<2	0.14	<0.5	2	14	12	1.02	20	6.11
H744053		2.22	<0.5	7.14	41	390	1.3	<2	0.59	<0.5	25	7	18	5.15	20	1.86
H744054		3.05	<0.5	6.38	13	890	1.4	<2	4.25	<0.5	34	11	97	5.77	20	0.69
H744055		3.33	<0.5	5.07	10	920	1.7	<2	4.34	<0.5	48	312	198	8.13	10	0.21
H744056		4.16	<0.5	3.35	13	210	0.8	<2	3.78	<0.5	103	1260	653	9.42	10	0.14
H744057		2.87	<0.5	3.59	14	500	0.9	<2	3.53	<0.5	97	1380	615	9.34	10	0.13
H744058		3.01	1.4	3.52	25	160	0.9	<2	3.90	<0.5	153	1370	3100	10.80	10	0.13
H744059		1.79	13.5	3.65	61	100	1.5	<2	3.04	<0.5	149	1210	4790	11.45	10	0.16
H744060		0.11	<0.5	6.99	7	60	<0.5	<2	4.94	<0.5	84	3900	705	6.47	10	0.16
H744061		1.81	7.6	3.45	26	190	1.1	32	5.32	<0.5	290	685	>10000	13.40	10	0.12
H744062		2.25	7.5	2.27	19	160	0.8	<2	6.15	1.4	277	816	9760	13.30	<10	0.10
H744063		2.51	3.4	2.93	7	110	0.7	<2	5.55	1.9	184	976	6170	12.10	10	0.15
H744063 CRD		<0.02	2.9	2.94	5	100	0.7	<2	5.68	1.4	190	1010	6180	12.40	10	0.15
H744064		2.25	1.5	4.07	22	120	1.0	<2	4.39	0.5	96	1160	2050	10.15	10	0.32
H744065		2.25	1.0	3.93	13	150	0.9	<2	4.88	<0.5	89	1180	704	9.38	10	0.35
H744066		2.35	<0.5	4.11	<5	160	1.0	<2	4.71	<0.5	86	1170	721	9.34	10	0.43
H744067		2.28	<0.5	4.36	<5	180	1.2	<2	3.63	<0.5	96	1360	386	9.85	10	0.55
H744068		2.27	<0.5	3.80	<5	190	1.0	<2	4.24	<0.5	96	1450	464	9.37	10	0.52
H744069		0.99	<0.5	3.76	9	180	0.9	<2	4.69	<0.5	98	1410	404	9.50	10	0.44
H744070		3.27	<0.5	3.76	22	1090	1.0	<2	5.25	<0.5	100	1280	1070	9.43	10	0.41
H744071		2.96	<0.5	4.32	8	2220	1.2	<2	5.29	1.8	94	1180	1060	9.50	10	0.35
H744072		2.09	<0.5	6.74	187	330	1.5	<2	0.86	8.0	13	61	548	2.72	30	1.67
H744073		1.55	<0.5	6.41	<5	670	1.1	<2	0.53	<0.5	6	14	10	1.37	20	3.21
H744074		2.12	4.8	5.86	92	290	1.8	<2	3.97	9.5	62	319	1230	5.49	20	0.60
H744075		4.49	<0.5	4.45	17	1320	1.8	<2	5.23	<0.5	78	1480	166	7.89	10	0.24
H744076		3.14	<0.5	6.81	<5	800	1.6	<2	0.62	<0.5	3	36	4	1.01	20	3.02
H744077		4.48	<0.5	6.87	<5	550	1.9	<2	0.24	<0.5	2	18	1	0.59	20	3.58
H744078		4.10	<0.5	6.75	<5	650	2.3	<2	0.28	<0.5	2	19	1	1.04	20	3.98
H744079		3.85	<0.5	7.04	<5	800	2.2	<2	0.37	<0.5	3	18	1	1.04	20	5.23
H744080		0.12	0.7	8.67	<5	70	<0.5	<2	7.02	<0.5	109	485	3490	6.57	10	0.39
H744081		3.55	<0.5	6.69	10	160	1.8	<2	4.31	<0.5	67	66	78	11.70	20	0.53
H744082		3.47	<0.5	6.67	6	180	1.3	<2	3.81	<0.5	89	116	59	15.15	20	0.57
H744083		3.45	<0.5	7.08	17	520	1.7	<2	3.50	<0.5	70	73	33	13.00	20	0.88
H744083 CRD		<0.02	<0.5	7.01	19	500	1.7	<2	3.41	<0.5	67	65	33	12.65	20	0.87
H744084		4.19	0.5	7.43	11	370	1.9	<2	3.06	<0.5	44	13	25	9.12	20	0.71
H744085		3.82	<0.5	6.76	<5	520	2.1	<2	0.35	<0.5	1	10	2	0.75	20	3.98
H744086		4.38	<0.5	6.60	<5	440	2.2	<2	0.46	<0.5	2	10	2	0.92	20	3.51

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

Finalized Date: 31-OCT-2009
Account: MGMAM

Project: SD09-196 BL

CERTIFICATE OF ANALYSIS TB09116844

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809606		20	10.70	1400	2	0.83	660	780	7	0.61	<5	23	355	<20	0.92	<10
H744051		<10	0.21	73	<1	0.91	6	200	11	0.15	<5	2	146	<20	0.02	<10
H744052		20	0.39	120	<1	0.95	8	270	7	0.36	5	3	142	<20	0.08	<10
H744053		40	0.76	198	1	3.97	12	1220	12	4.49	<5	13	119	<20	0.96	<10
H744054		30	2.44	761	1	3.27	22	1230	10	3.93	<5	19	169	<20	1.12	<10
H744055		30	5.72	1265	1	2.09	112	1010	11	2.44	<5	31	166	<20	1.10	<10
H744056		20	11.80	2140	1	0.35	774	760	26	1.63	<5	19	80	<20	0.72	<10
H744057		20	11.95	1920	1	0.33	800	760	25	1.70	<5	17	93	<20	0.74	<10
H744058		20	11.15	1680	1	0.47	1600	830	25	3.31	<5	20	86	<20	0.73	<10
H744059		20	9.24	1200	2	0.84	2110	740	38	6.00	<5	20	127	<20	0.78	<10
H744060		10	10.05	1175	1	0.80	1510	160	10	0.35	15	20	195	<20	0.12	<10
H744061		20	7.03	1420	1	0.87	4580	610	102	7.34	<5	28	142	<20	0.82	<10
H744062		20	8.17	1470	2	0.22	4100	390	214	6.41	<5	23	59	<20	0.62	<10
H744063		20	9.42	1445	<1	0.41	2460	650	178	3.99	<5	25	178	<20	0.82	<10
H744063 CRD		20	9.72	1485	1	0.41	2490	640	218	4.04	<5	25	175	<20	0.82	<10
H744064		20	9.80	1470	1	0.79	747	860	11	1.39	<5	22	339	<20	1.09	<10
H744065		20	9.85	1465	1	0.79	615	830	7	0.86	5	24	329	<20	0.99	<10
H744066		30	10.35	1490	1	0.81	615	980	4	0.32	<5	21	324	<20	0.98	<10
H744067		30	11.00	1475	3	0.88	681	930	5	0.43	<5	20	347	<20	1.04	<10
H744068		20	10.30	1350	1	0.96	701	790	5	0.43	<5	21	390	<20	0.91	<10
H744069		20	10.60	1410	2	0.84	749	780	4	0.70	6	23	360	<20	0.93	<10
H744070		20	9.42	1475	2	0.90	919	750	8	2.07	<5	22	446	<20	0.85	<10
H744071		20	7.99	1495	1	1.09	908	740	39	1.15	<5	25	566	<20	1.19	<10
H744072		40	1.12	301	<1	3.49	262	470	50	1.17	<5	5	120	<20	0.25	<10
H744073		20	0.55	177	1	2.93	9	360	9	0.51	<5	3	129	<20	0.08	<10
H744074		30	3.36	1045	<1	2.60	770	700	1450	2.08	<5	16	241	<20	0.70	<10
H744075		30	8.75	1635	1	1.29	540	920	59	1.69	<5	22	305	<20	0.96	<10
H744076		20	0.40	202	<1	3.19	12	260	31	0.34	<5	3	176	<20	0.07	<10
H744077		10	0.19	238	<1	2.91	3	280	17	0.25	<5	2	188	<20	0.02	<10
H744078		40	0.31	72	1	2.41	2	300	18	0.56	<5	3	184	20	0.08	<10
H744079		30	0.35	83	1	2.02	4	400	21	0.55	<5	2	212	20	0.10	<10
H744080		<10	6.19	845	1	1.11	3230	90	8	1.64	<5	16	84	<20	0.12	<10
H744081		40	2.68	589	3	3.01	60	1480	91	9.40	<5	14	227	<20	1.59	<10
H744082		30	3.35	1350	2	2.46	94	1420	29	3.83	<5	14	405	<20	2.11	<10
H744083		40	3.18	1555	<1	2.65	67	1560	21	2.49	7	15	648	<20	1.90	<10
H744083 CRD		40	3.13	1520	<1	2.64	66	1530	15	2.41	8	14	643	<20	1.88	<10
H744084		40	2.87	1035	<1	3.04	22	1660	22	4.03	6	15	440	<20	1.59	<10
H744085		20	0.14	59	<1	2.31	1	210	33	0.33	6	2	133	<20	0.06	<10
H744086		40	0.22	96	<1	2.39	2	240	17	0.12	<5	3	123	20	0.08	<10

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

Finalized Date: 31-OCT-2009
Account: MGMAM

Project: SD09-196 BL

CERTIFICATE OF ANALYSIS TB09116844

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
E809606		<10	197	<10	106		0.009	0.0856	0.071			
H744051		10	2	<10	<2		0.002	<0.0005	0.001			
H744052		10	9	<10	4		0.002	0.0029	0.003			
H744053		20	174	<10	23		0.002	0.0036	0.003			
H744054		10	233	<10	68		0.002	<0.0005	<0.001			
H744055		<10	244	<10	145		0.005	0.0217	0.013			
H744056		<10	166	<10	130		0.015	0.198	0.188			
H744057		<10	171	<10	113		0.014	0.200	0.198			
H744058		<10	175	<10	109		0.066	>1.00	0.952	0.07	1.00	1.02
H744059		<10	216	10	119		0.072	>1.00	>1.00	0.08	1.65	1.70
H744060		<10	116	10	312		0.105	>1.00	0.558	0.16	1.22	0.56
H744061		<10	187	10	368	1.205	0.236	>1.00	>1.00	0.21	3.75	3.85
H744062		<10	158	<10	1480		0.220	>1.00	>1.00	0.22	3.88	3.79
H744063		<10	195	<10	1200		0.125	>1.00	>1.00	0.11	2.18	2.17
H744063 CRD		<10	197	<10	1140		0.116	>1.00	>1.00	0.12	2.29	2.34
H744064		<10	261	<10	123		0.087	0.928	0.803			
H744065		<10	219	<10	115		0.020	0.217	0.214			
H744066		<10	212	<10	119		0.015	0.150	0.117			
H744067		<10	228	<10	124		0.010	0.140	0.134			
H744068		<10	197	<10	110		0.013	0.167	0.147			
H744069		<10	199	<10	106		0.011	0.147	0.137			
H744070		<10	202	10	103		0.022	0.461	0.440			
H744071		<10	273	<10	778		0.023	0.435	0.423			
H744072		20	39	<10	2760		0.008	0.223	0.248			
H744073		20	9	<10	90		0.003	0.0033	0.005			
H744074		10	143	<10	3180		0.017	0.515	0.511			
H744075		<10	215	<10	177		0.006	0.0364	0.026			
H744076		40	12	<10	13		0.002	0.0029	0.005			
H744077		50	2	<10	<2		0.002	<0.0005	0.001			
H744078		10	9	<10	7		0.002	<0.0005	0.001			
H744079		10	11	<10	7		0.002	<0.0005	0.001			
H744080		10	79	<10	73		0.058	0.190	0.669			
H744081		<10	344	<10	105		0.005	0.0036	0.004			
H744082		<10	530	<10	172		0.002	<0.0005	0.001			
H744083		<10	423	<10	182		0.002	0.0006	0.001			
H744083 CRD		<10	415	<10	179		0.002	<0.0005	0.001			
H744084		<10	240	10	134		0.002	<0.0005	<0.001			
H744085		30	7	<10	9		0.002	<0.0005	<0.001			
H744086		10	8	<10	9		0.001	<0.0005	<0.001			

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

Finalized Date: 9-NOV-2009
Account: MGMAM

CERTIFICATE TB09121051

Project: SD09-197 BL

P.O. No.:

This report is for 26 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 9-NOV-2009
Account: MGMAM

Project: SD09-197 BL

CERTIFICATE OF ANALYSIS TB09121051

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809607		1.87	<0.5	6.88	8	780	1.5	<2	0.53	<0.5	3	42	9	1.34	20	3.43
H744087		4.23	<0.5	7.53	<5	890	3.1	<2	0.16	<0.5	<1	18	5	0.89	20	3.79
H744088		4.24	<0.5	6.80	<5	1120	2.1	<2	0.19	<0.5	1	18	34	0.68	20	4.04
H744089		3.77	<0.5	6.92	<5	1020	1.7	<2	1.35	<0.5	9	61	41	2.10	20	3.19
H744090		0.09	<0.5	6.78	<5	930	1.0	<2	1.44	<0.5	2	28	14	1.66	10	2.18
H744091		3.34	0.8	6.78	44	80	1.8	<2	5.26	<0.5	30	16	61	7.24	20	1.12
H744092		3.51	0.8	7.35	6	180	2.4	<2	4.51	<0.5	24	4	11	6.25	20	1.26
H744093		4.13	<0.5	7.05	<5	500	2.2	<2	3.95	<0.5	20	5	12	6.12	20	1.23
H744094		4.36	0.8	7.33	13	200	2.1	<2	4.57	<0.5	29	5	21	6.77	20	1.46
H744095		4.31	<0.5	7.52	14	310	1.9	<2	3.33	<0.5	37	11	45	8.61	20	1.15
H744096		4.36	<0.5	6.53	10	140	1.6	<2	4.34	<0.5	54	15	210	11.10	20	0.69
H744097		4.43	<0.5	5.88	12	140	1.6	<2	4.56	<0.5	46	36	132	9.09	20	0.53
H744098		4.26	<0.5	5.75	11	250	1.5	<2	4.30	<0.5	43	69	153	8.88	20	0.42
H744099		3.34	<0.5	5.54	18	340	1.7	<2	4.77	<0.5	54	210	210	8.64	20	0.52
H744100		0.11	0.8	7.17	8	60	<0.5	<2	5.21	<0.5	82	3860	727	6.80	10	0.17
H744101		4.04	<0.5	6.84	<5	1350	1.1	<2	0.31	<0.5	3	22	7	1.13	20	3.52
H744102		3.59	<0.5	7.06	<5	970	1.4	<2	0.23	<0.5	2	14	<1	0.66	20	3.79
H744103		3.86	<0.5	6.86	<5	650	1.4	<2	0.28	<0.5	1	11	<1	0.81	20	3.62
H744103 CRD		0.02	<0.5	6.97	<5	670	1.5	<2	0.27	<0.5	1	9	<1	0.83	20	3.45
H744104		4.27	<0.5	6.88	5	750	1.7	<2	0.34	<0.5	2	14	2	1.25	20	3.44
H744105		4.05	<0.5	7.01	14	210	1.7	<2	3.18	<0.5	74	192	57	12.50	20	0.76
H744106		4.71	<0.5	7.27	6	400	1.5	<2	3.82	<0.5	80	95	39	14.85	20	0.88
H744107		4.31	<0.5	7.68	9	220	1.9	<2	3.65	<0.5	56	30	39	10.85	20	1.08
H744108		2.19	<0.5	7.45	9	170	2.0	<2	2.88	<0.5	42	12	39	9.15	20	0.75
H744109		2.25	<0.5	7.19	<5	780	1.7	<2	0.51	<0.5	3	10	5	1.45	20	3.26
H744110		4.28	<0.5	7.01	<5	690	2.5	<2	0.40	<0.5	1	9	1	1.05	20	3.44

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

Finalized Date: 9-NOV-2009
Account: MGMAM

Project: SD09-197 BL

CERTIFICATE OF ANALYSIS TB09121051

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809607		40	0.37	103	1	2.44	11	400	26	0.64	<5	3	176	20	0.14	<10
H744087		40	0.39	74	<1	0.98	2	370	7	0.20	<5	3	129	20	0.08	<10
H744088		20	0.26	84	1	1.22	5	310	3	0.13	<5	2	156	<20	0.06	<10
H744089		40	0.71	244	3	2.12	57	490	5	1.09	<5	6	164	20	0.22	<10
H744090		10	0.21	602	1	2.79	2	190	8	0.01	<5	5	190	<20	0.12	<10
H744091		30	1.12	590	1	3.39	16	1440	12	6.27	<5	15	176	<20	1.05	<10
H744092		50	1.45	742	2	3.14	4	1680	6	2.47	<5	13	411	<20	1.08	<10
H744093		40	1.54	944	1	3.20	1	1870	3	1.14	<5	12	353	<20	1.15	<10
H744094		40	1.40	747	2	3.34	1	1900	13	4.25	<5	13	397	<20	1.25	<10
H744095		40	2.95	1390	1	3.85	13	1480	6	1.04	<5	17	228	<20	1.43	<10
H744096		30	4.19	1405	1	3.42	63	1250	4	0.83	<5	25	154	<20	1.72	<10
H744097		30	4.74	1680	1	2.91	66	1200	4	0.78	<5	29	172	<20	1.23	<10
H744098		30	4.70	1280	1	2.95	65	1280	4	1.29	<5	28	233	<20	1.24	<10
H744099		30	4.79	1090	1	2.59	150	1120	7	2.94	<5	26	194	<20	1.16	<10
H744100		10	10.50	1220	1	0.86	1430	160	7	0.35	23	21	200	<20	0.12	<10
H744101		20	0.48	144	1	1.81	7	350	4	0.41	<5	2	174	<20	0.07	<10
H744102		30	0.29	73	<1	2.11	3	280	4	0.23	<5	2	165	<20	0.05	<10
H744103		40	0.28	51	<1	1.76	1	280	17	0.43	<5	3	199	20	0.06	<10
H744103 CRD		40	0.29	52	1	1.86	1	290	17	0.43	<5	3	206	20	0.07	<10
H744104		50	0.45	107	1	2.00	2	300	16	0.62	<5	3	262	30	0.11	<10
H744105		40	4.96	1700	2	2.66	130	1610	20	1.62	<5	17	442	<20	2.19	<10
H744106		40	3.43	1850	1	2.72	83	1620	7	1.01	<5	15	749	<20	2.44	<10
H744107		40	3.27	1355	2	2.95	36	1840	21	3.39	<5	16	646	<20	1.81	<10
H744108		40	3.17	948	2	2.95	21	1870	28	5.37	<5	15	347	<20	1.39	<10
H744109		40	0.40	101	<1	2.66	2	450	27	0.75	<5	3	185	20	0.15	<10
H744110		50	0.28	102	<1	2.51	2	380	20	0.16	<5	3	170	20	0.10	<10

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

Finalized Date: 9-NOV-2009
Account: MGMAM

Project: SD09-197 BL

CERTIFICATE OF ANALYSIS TB09121051

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
E809607		10	17	<10	16	0.003	0.0005	<0.001			
H744087		<10	8	<10	2	0.002	0.0006	0.001			
H744088		<10	7	<10	<2	0.001	0.0010	0.001			
H744089		10	39	<10	28	0.002	0.0539	0.061			
H744090		10	16	<10	27	0.002	0.0009	0.001			
H744091		10	211	<10	18	0.003	0.0040	0.004			
H744092		<10	181	<10	32	0.003	0.0030	0.002			
H744093		<10	158	<10	45	0.002	0.0008	0.001			
H744094		<10	176	<10	45	0.003	<0.0005	<0.001			
H744095		<10	294	<10	99	0.002	<0.0005	<0.001			
H744096		<10	442	<10	109	0.002	<0.0005	<0.001			
H744097		<10	302	<10	100	0.003	0.0009	<0.001			
H744098		<10	296	<10	86	0.004	0.0072	0.002			
H744099		<10	268	<10	81	0.007	0.0665	0.063			
H744100		<10	122	<10	317	0.116	>1.00	0.551	0.12	1.23	0.56
H744101		10	11	<10	4	0.003	0.0030	0.001			
H744102		10	5	<10	<2	0.002	0.0006	<0.001			
H744103		10	6	<10	7	0.002	0.0005	0.001			
H744103 CRD		10	7	<10	9	0.003	<0.0005	0.001			
H744104		<10	12	<10	10	0.003	<0.0005	<0.001			
H744105		<10	407	<10	189	0.003	0.0015	0.002			
H744106		<10	524	<10	207	0.002	0.0007	<0.001			
H744107		<10	321	<10	127	0.003	<0.0005	0.001			
H744108		<10	236	<10	97	0.002	<0.0005	0.001			
H744109		10	18	<10	16	0.003	<0.0005	<0.001			
H744110		<10	10	<10	7	0.002	<0.0005	<0.001			

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

Finalized Date: 11-NOV-2009
Account: MGMAM

CERTIFICATE TB09124001

Project: SD09-198 BL

P.O. No.:

This report is for 51 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 2-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG62	Ore Grade Cu - 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
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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: 11-NOV-2009
Account: MGMAM

Project: SD09-198 BL

CERTIFICATE OF ANALYSIS TB09124001

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E809608		2.49	0.5	2.60	60	140	0.8	3	1.95	<0.5	131	2030	792	9.91	10	0.28
H744111		4.13	<0.5	6.32	5	910	1.4	<2	0.26	<0.5	3	24	7	1.02	20	5.09
H744112		4.01	<0.5	6.30	<5	1040	1.3	<2	0.21	<0.5	3	19	6	1.38	20	4.63
H744113		4.03	<0.5	5.95	<5	710	1.7	2	3.57	<0.5	35	73	104	6.56	20	1.37
H744114		4.18	<0.5	6.58	<5	430	2.1	<2	3.85	<0.5	31	10	24	7.25	20	1.20
H744115		4.39	<0.5	6.75	<5	290	1.7	<2	2.77	<0.5	23	10	21	6.58	20	1.14
H744116		4.93	<0.5	6.94	<5	170	1.8	<2	2.49	<0.5	28	4	22	7.16	20	0.88
H744117		3.03	<0.5	5.43	<5	130	1.6	2	3.55	<0.5	48	21	109	8.96	20	0.56
H744118		2.89	<0.5	4.57	10	80	1.2	3	5.63	<0.5	47	673	160	7.05	10	0.21
H744119		3.90	0.5	3.04	49	290	0.8	<2	3.46	<0.5	121	1590	1285	9.65	10	0.26
H744120		0.10	1.0	8.07	<5	70	<0.5	5	6.32	<0.5	101	433	3280	5.99	10	0.36
H744121		4.99	<0.5	2.91	8	140	0.7	3	3.21	<0.5	123	1900	828	9.88	10	0.32
H744122		4.99	0.8	2.62	114	160	0.7	6	2.66	<0.5	122	1770	1050	9.72	10	0.29
H744123		5.21	0.7	2.63	17	160	0.7	<2	3.03	<0.5	121	1840	914	9.61	10	0.41
H744123 CRD		0.02	<0.5	2.67	14	160	0.7	3	3.00	<0.5	123	1845	896	9.67	10	0.41
H744124		4.93	<0.5	2.80	49	180	0.6	<2	3.12	<0.5	109	1885	325	9.20	10	0.36
H744125		5.04	<0.5	2.91	51	150	0.7	3	3.22	<0.5	106	1925	149	9.24	10	0.34
H744126		4.94	<0.5	2.93	<5	140	0.6	<2	3.22	<0.5	120	1895	957	9.54	10	0.32
H744127		2.61	2.0	2.58	24	110	0.6	7	2.83	0.5	178	1890	4030	11.40	10	0.29
H744128		2.51	2.4	2.64	7	110	0.6	7	2.82	0.7	185	1915	4290	11.65	10	0.29
H744129		2.52	2.0	2.72	5	120	0.7	4	3.03	0.5	161	1990	3400	10.95	10	0.31
H744130		0.07	<0.5	6.30	<5	910	1.0	2	1.34	<0.5	3	33	21	1.60	10	2.03
H744131		2.52	2.1	2.82	22	120	0.7	4	3.05	0.5	163	1970	3270	10.90	10	0.28
H744132		2.64	2.4	2.65	73	90	0.8	5	2.73	<0.5	177	2020	4040	11.15	10	0.18
H744133		2.51	2.4	2.63	11	190	0.6	5	3.10	0.5	163	2150	3570	10.65	10	0.23
H744134		2.70	2.1	2.73	69	110	0.8	3	3.00	<0.5	156	2640	3520	10.55	10	0.20
H744135		2.57	0.9	2.98	<5	140	0.7	3	3.43	<0.5	120	2610	1435	9.31	10	0.28
H744136		2.44	<0.5	2.98	6	150	0.7	2	3.23	<0.5	122	2610	1355	9.42	10	0.27
H744137		2.61	2.2	2.68	53	110	0.6	5	2.53	0.5	186	2430	4200	10.95	10	0.19
H744138		2.88	3.9	3.14	7	130	0.7	7	3.31	0.8	213	2250	6220	12.45	10	0.22
H744139		2.52	3.9	3.00	31	110	0.6	5	3.02	0.8	228	2130	6600	12.70	10	0.22
H744140		0.11	0.6	6.36	<5	60	<0.5	5	4.59	<0.5	79	3550	650	6.06	10	0.15
H744141		2.54	4.7	2.41	5	100	0.5	9	2.90	1.1	387	1910	9720	16.25	10	0.19
H744142		2.66	3.8	3.01	10	110	0.7	9	3.34	1.1	263	1535	7510	13.25	10	0.26
H744143		2.79	2.8	3.59	42	130	0.9	4	3.18	0.6	128	1670	4280	10.25	10	0.28
H744143 CRD		0.02	3.0	3.70	40	130	0.9	7	3.25	0.5	132	1700	4390	10.40	10	0.28
H744144		2.63	3.9	3.48	57	170	0.7	3	2.80	1.0	139	2190	5150	10.30	10	0.27
H744145		2.68	6.6	2.90	71	100	0.6	8	2.72	1.2	145	2410	7880	10.90	10	0.25
H744146		2.42	6.2	2.51	21	90	0.5	9	2.46	1.2	189	2330	9940	12.10	10	0.22
H744147		2.50	9.6	2.52	<5	100	0.5	<2	2.47	1.9	197	2360	>10000	12.70	10	0.22

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

Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-198 BL

CERTIFICATE OF ANALYSIS TB09124001

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809608		10	14.25	1400	2	0.44	1230	630	11	1.49	<5	12	225	<20	0.64	<10
H744111		30	0.28	97	1	1.21	6	840	5	0.46	<5	3	146	<20	0.07	<10
H744112		40	0.38	138	1	1.57	6	520	2	0.55	<5	2	174	20	0.09	<10
H744113		30	2.46	776	1	2.37	43	1040	5	1.30	<5	19	255	<20	1.05	<10
H744114		40	1.83	914	1	2.87	6	1510	6	1.70	<5	14	316	<20	1.22	<10
H744115		40	2.20	723	1	3.36	2	1680	2	0.39	<5	12	191	<20	1.17	<10
H744116		40	2.92	1270	2	3.78	3	1710	3	0.24	<5	15	166	<20	1.30	<10
H744117		30	4.39	1515	1	2.68	65	1160	27	0.84	<5	27	184	<20	1.43	<10
H744118		20	6.48	1550	1	2.01	131	880	34	1.57	<5	34	157	<20	1.05	<10
H744119		20	12.40	1500	1	0.51	1120	780	20	1.71	<5	16	273	<20	0.67	<10
H744120		<10	5.83	775	2	1.04	2890	90	<2	1.54	<5	15	80	<20	0.11	<10
H744121		20	13.75	1425	1	0.47	1090	670	4	0.58	<5	15	315	<20	0.66	<10
H744122		20	13.70	1430	2	0.33	1140	690	3	2.05	<5	14	222	<20	0.59	<10
H744123		20	13.65	1375	1	0.40	1130	650	3	0.76	<5	14	306	<20	0.64	<10
H744123 CRD		20	13.65	1375	1	0.41	1090	650	6	0.76	<5	14	313	<20	0.65	<10
H744124		20	13.10	1340	<1	0.41	845	680	2	1.15	<5	15	330	<20	0.65	<10
H744125		20	12.95	1355	<1	0.44	835	720	3	1.30	<5	15	321	<20	0.64	<10
H744126		20	12.90	1345	1	0.55	1080	710	3	0.59	<5	15	340	<20	0.71	<10
H744127		20	12.70	1320	1	0.49	2130	700	6	2.46	<5	14	285	<20	0.60	<10
H744128		20	13.05	1355	1	0.49	2320	600	10	2.54	<5	14	282	<20	0.61	<10
H744129		20	13.35	1355	1	0.50	1870	570	8	1.44	<5	15	281	<20	0.67	<10
H744130		10	0.23	584	1	2.63	6	190	8	0.01	<5	5	176	<20	0.11	<10
H744131		20	12.80	1375	1	0.56	2060	660	5	2.12	<5	15	289	<20	0.66	<10
H744132		20	12.85	1330	1	0.45	2310	660	8	3.55	<5	14	252	<20	0.58	<10
H744133		20	12.85	1315	1	0.33	2120	660	6	1.24	<5	15	275	<20	0.64	<10
H744134		20	12.95	1310	1	0.54	2170	680	9	2.49	<5	15	289	<20	0.65	<10
H744135		20	12.55	1280	1	0.59	1400	670	6	0.56	<5	15	334	<20	0.77	<10
H744136		20	12.75	1275	1	0.67	1480	690	5	0.78	<5	15	329	<20	0.73	<10
H744137		20	12.30	1220	1	0.54	2570	630	5	2.66	<5	13	283	<20	0.60	<10
H744138		20	11.75	1360	1	0.58	3160	810	7	2.14	<5	15	323	<20	0.74	<10
H744139		20	11.30	1385	1	0.45	3720	780	6	1.71	<5	15	254	<20	0.68	<10
H744140		<10	9.65	1100	1	0.74	1390	150	5	0.31	<5	18	176	<20	0.11	<10
H744141		10	10.00	1235	1	0.47	7220	580	11	4.52	<5	14	246	<20	0.57	<10
H744142		20	9.28	1120	1	0.59	5240	600	9	4.47	<5	16	281	<20	0.75	<10
H744143		20	10.90	1325	1	0.64	2020	730	8	2.27	<5	17	276	<20	0.81	<10
H744143 CRD		20	11.15	1350	1	0.67	2130	760	8	2.31	<5	18	286	<20	0.85	<10
H744144		20	12.10	1280	<1	0.81	2110	800	10	1.75	<5	13	365	<20	0.78	<10
H744145		20	13.35	1335	<1	0.47	2330	640	19	1.98	<5	13	262	<20	0.74	<10
H744146		20	13.40	1330	<1	0.43	3580	570	15	2.70	<5	12	227	<20	0.65	<10
H744147		20	13.70	1345	<1	0.48	3390	570	20	2.85	<5	12	253	<20	0.67	<10

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

Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-198 BL

CERTIFICATE OF ANALYSIS TB09124001

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
E809608		<10	135	<10	123		0.022	0.274	0.257			
H744111		10	7	<10	4		0.002	0.0009	0.001			
H744112		10	10	<10	7		0.002	0.0014	0.001			
H744113		<10	214	<10	70		0.002	0.0101	0.010			
H744114		<10	225	<10	82		0.002	0.0005	<0.001			
H744115		<10	190	<10	111		0.002	<0.0005	<0.001			
H744116		<10	220	<10	151		0.002	<0.0005	<0.001			
H744117		<10	350	<10	200		0.003	0.0005	0.001			
H744118		<10	222	<10	166		0.007	0.0343	0.023			
H744119		<10	154	<10	122		0.032	0.500	0.499			
H744120		<10	73	<10	68		0.053	0.184	0.677			
H744121		<10	147	<10	108		0.022	0.336	0.327			
H744122		<10	141	<10	104		0.029	0.506	0.475			
H744123		<10	140	<10	105		0.027	0.416	0.404			
H744123 CRD		<10	138	<10	105		0.026	0.395	0.387			
H744124		<10	145	<10	104		0.010	0.125	0.115			
H744125		<10	152	<10	103		0.007	0.0524	0.044			
H744126		<10	147	<10	105		0.027	0.411	0.414			
H744127		<10	135	<10	115		0.101	>1.00	>1.00	0.11	1.79	1.82
H744128		<10	137	<10	113		0.106	>1.00	>1.00	0.11	1.80	1.81
H744129		<10	142	<10	111		0.091	>1.00	>1.00	0.09	1.40	1.39
H744130		10	15	<10	28		0.002	0.0012	0.001			
H744131		<10	148	<10	112		0.083	>1.00	>1.00	0.08	1.43	1.43
H744132		10	144	<10	112		0.100	>1.00	>1.00	0.11	1.77	1.75
H744133		<10	146	<10	108		0.094	>1.00	>1.00	0.10	1.62	1.62
H744134		<10	153	<10	121		0.101	>1.00	>1.00	0.11	1.70	1.63
H744135		<10	159	<10	103		0.046	0.702	0.657			
H744136		<10	152	<10	101		0.046	0.689	0.640			
H744137		<10	144	<10	104		0.118	>1.00	>1.00	0.12	2.11	2.01
H744138		<10	162	<10	114		0.176	>1.00	>1.00	0.18	3.05	2.89
H744139		<10	162	<10	108		0.172	>1.00	>1.00	0.18	3.43	3.20
H744140		<10	106	<10	290		0.109	>1.00	0.543	0.10	1.13	0.52
H744141		<10	149	<10	107		0.215	>1.00	>1.00	0.23	5.15	4.96
H744142		<10	162	<10	106		0.192	>1.00	>1.00	0.21	4.08	3.97
H744143		<10	177	<10	110		0.144	>1.00	>1.00	0.15	2.23	2.02
H744143 CRD		<10	184	<10	114		0.139	>1.00	>1.00	0.15	2.23	2.04
H744144		<10	154	10	165		0.162	>1.00	>1.00	0.16	2.32	2.05
H744145		<10	156	<10	118		0.278	>1.00	>1.00	0.29	4.09	3.43
H744146		<10	141	10	126		0.267	>1.00	>1.00	0.27	5.08	4.45
H744147		<10	139	<10	121	1.365	0.386	>1.00	>1.00	0.40	6.64	5.75

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

Finalized Date: 11-NOV-2009
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Project: SD09-198 BL

CERTIFICATE OF ANALYSIS TB09124001

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H744148		2.56	3.7	2.71	16	100	0.5	<2	2.56	0.8	150	2080	4230	11.00	10	0.26
H744149		2.26	<0.5	2.79	59	110	0.7	<2	2.37	<0.5	135	2000	898	10.65	10	0.32
H744150		5.13	<0.5	2.83	<5	120	0.6	<2	2.75	<0.5	128	2520	458	10.35	10	0.36
H744151		5.05	<0.5	2.99	7	120	0.6	2	3.12	<0.5	122	2450	514	10.25	10	0.37
H744152		3.69	2.1	3.02	13	150	0.7	2	2.89	0.6	158	2040	2540	11.25	10	0.31
H744153		3.89	1.4	4.23	10	740	1.0	<2	2.46	<0.5	122	1615	2050	11.55	10	0.46
H744154		5.55	<0.5	5.98	21	380	1.4	<2	3.19	<0.5	77	550	141	11.00	20	0.50
H744155		3.03	<0.5	7.25	9	1360	1.5	<2	3.67	<0.5	70	68	53	12.95	20	0.94
H744156		2.84	0.5	7.77	14	640	2.1	<2	3.31	<0.5	44	19	40	8.66	20	0.75
H744157		4.77	<0.5	6.63	7	880	1.6	2	0.31	<0.5	2	15	6	1.11	20	4.24
H744158		4.68	<0.5	6.56	7	690	1.7	<2	0.44	<0.5	2	16	4	0.99	20	3.57

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CERTIFICATE OF ANALYSIS TB09124001

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H744148		20	14.25	1340	<1	0.47	1930	580	11	1.00	<5	12	252	<20	0.68	<10
H744149		20	14.90	1465	2	0.51	1370	660	10	1.04	<5	12	267	<20	0.68	<10
H744150		20	14.65	1375	1	0.69	1230	660	2	0.92	<5	13	326	<20	0.71	<10
H744151		20	13.60	1350	<1	0.74	1150	660	3	1.85	<5	13	349	<20	0.78	<10
H744152		20	12.50	1360	<1	0.67	2210	690	5	3.42	<5	13	326	<20	0.79	<10
H744153		20	10.40	1430	<1	0.96	1140	1000	6	2.23	<5	14	618	<20	1.13	<10
H744154		30	6.86	1435	1	2.10	305	1400	11	1.54	<5	16	443	<20	1.65	<10
H744155		40	3.60	1505	<1	2.73	66	1760	12	1.91	<5	16	630	<20	2.13	<10
H744156		50	3.31	1190	1	3.41	24	1790	12	1.81	<5	15	348	<20	1.71	<10
H744157		40	0.25	62	<1	2.03	4	360	17	0.69	<5	3	131	20	0.08	<10
H744158		50	0.23	66	<1	2.38	3	340	17	0.53	<5	2	130	20	0.09	<10

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

Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-198 BL

CERTIFICATE OF ANALYSIS TB09124001

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
H744148		<10	139	10	117		0.146	>1.00	>1.00	0.15	1.92	1.60
H744149		<10	143	<10	127		0.021	0.304	0.283			
H744150		<10	146	<10	109		0.011	0.127	0.118			
H744151		<10	161	<10	106		0.014	0.148	0.135			
H744152		<10	161	10	114		0.057	0.746	0.792			
H744153		<10	213	<10	126		0.069	0.725	0.668			
H744154		<10	285	10	154		0.004	0.0102	0.010			
H744155		<10	425	<10	151		0.002	0.0028	0.003			
H744156		<10	248	<10	126		0.001	0.0015	0.001			
H744157		10	10	<10	10		0.002	0.0020	0.002			
H744158		10	10	<10	6		0.002	0.0013	0.001			

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 11-NOV-2009
Account: MGMAM

CERTIFICATE TB09124002

Project: SD09-199 BL

P.O. No.:

This report is for 49 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 2-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-199 BL

CERTIFICATE OF ANALYSIS TB09124002

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809609		1.31	3.4	3.26	6	120	0.6	4	3.27	0.6	157	2350	5130	11.70	10	0.31
H744159		4.37	<0.5	6.70	<5	790	1.6	<2	0.19	<0.5	2	18	16	1.16	20	4.53
H744160		0.11	1.0	8.25	11	70	<0.5	2	6.70	<0.5	102	423	3420	6.26	10	0.38
H744161		4.70	<0.5	6.47	<5	800	1.4	<2	0.16	<0.5	2	15	14	1.07	20	4.18
H744162		3.95	<0.5	7.02	11	610	1.4	<2	0.30	<0.5	13	39	15	3.08	20	2.84
H744163		4.88	<0.5	7.08	5	570	1.9	<2	1.45	<0.5	27	12	50	7.24	20	1.05
H744163 CRD		0.02	<0.5	7.21	10	550	1.9	<2	1.40	<0.5	27	14	52	7.23	20	1.09
H744164		2.79	0.5	5.15	26	80	1.6	<2	5.47	0.6	45	310	334	7.41	10	0.28
H744165		4.12	0.8	3.24	47	310	0.8	<2	3.88	<0.5	113	1355	976	9.76	10	0.37
H744166		4.64	0.7	2.78	84	120	0.9	4	3.19	<0.5	119	1695	810	9.85	10	0.40
H744167		4.50	0.8	2.88	25	150	0.8	<2	3.18	<0.5	118	1810	736	9.81	10	0.50
H744168		4.81	<0.5	2.95	55	160	0.8	<2	3.29	<0.5	114	1930	390	9.75	10	0.51
H744169		4.79	0.9	2.65	65	130	0.7	<2	3.07	<0.5	119	1870	702	9.80	10	0.47
H744170		0.08	<0.5	6.34	<5	890	1.0	<2	1.36	<0.5	3	29	18	1.62	10	2.05
H744171		4.79	0.7	2.75	30	120	0.7	<2	3.25	<0.5	120	1905	649	9.97	10	0.53
H744172		5.17	<0.5	2.79	75	150	0.9	3	3.41	<0.5	116	1975	479	9.87	10	0.55
H744173		4.69	1.0	2.77	38	120	0.7	<2	3.22	<0.5	139	2030	1465	10.90	10	0.46
H744174		4.63	1.0	2.61	6	120	0.6	3	3.13	<0.5	127	2060	1220	10.20	10	0.33
H744175		2.52	0.8	2.60	21	140	0.7	<2	3.24	<0.5	120	2130	524	9.93	10	0.39
H744176		2.25	1.3	2.45	20	130	0.7	3	3.00	<0.5	141	2180	1910	10.50	10	0.33
H744177		2.27	3.7	2.35	13	110	0.5	3	2.92	0.6	190	2140	4950	12.20	10	0.27
H744178		2.14	1.5	2.48	<5	110	0.5	<2	2.99	0.8	175	2270	4060	11.45	10	0.25
H744179		2.28	1.8	2.50	8	120	0.5	<2	3.10	0.9	160	2690	3660	10.90	10	0.30
H744180		0.11	<0.5	6.77	8	60	<0.5	<2	4.88	<0.5	81	3570	674	6.38	10	0.16
H744181		2.21	0.9	2.58	30	150	0.6	<2	3.06	0.7	147	2760	2820	10.25	10	0.31
H744182		4.63	0.7	2.91	28	150	0.7	<2	3.24	<0.5	117	2120	882	9.39	<10	0.31
H744183		4.24	0.7	3.27	30	210	0.8	<2	3.48	<0.5	115	1970	985	9.60	10	0.37
H744183 CRD		0.02	0.8	3.30	33	210	0.8	<2	3.42	<0.5	112	1810	942	9.48	10	0.38
H744184		2.27	<0.5	3.66	<5	210	0.8	<2	3.83	<0.5	104	1740	412	9.34	10	0.46
H744185		2.27	0.6	3.82	16	210	1.0	<2	3.73	<0.5	108	1650	1040	9.45	10	0.42
H744186		2.34	1.9	3.75	6	120	0.7	3	4.00	<0.5	138	1870	3010	10.55	10	0.28
H744187		2.43	0.8	4.05	<5	130	0.7	<2	4.29	<0.5	115	1630	1470	9.77	10	0.28
H744188		2.58	2.0	3.55	<5	150	0.8	<2	3.53	<0.5	140	2200	2630	10.45	10	0.35
H744189		1.17	3.4	3.23	<5	120	0.7	<2	3.21	0.5	159	2410	4940	11.30	10	0.29
H744190		2.64	5.1	2.97	8	110	0.6	<2	2.95	0.7	141	2520	5960	10.45	10	0.28
H744191		2.74	4.2	2.61	<5	100	0.6	4	2.65	0.6	146	2310	4380	10.40	<10	0.28
H744192		5.30	0.7	2.83	17	100	0.7	<2	2.87	<0.5	128	2270	895	9.89	10	0.29
H744193		5.34	0.5	2.66	21	140	0.8	<2	2.57	<0.5	125	2420	636	9.68	10	0.35
H744194		2.73	0.6	2.86	16	120	0.7	<2	2.38	<0.5	134	2790	610	10.40	10	0.38
H744195		4.95	1.1	2.73	9	100	0.6	<2	2.48	<0.5	138	2540	974	10.35	10	0.25

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

Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-199 BL

CERTIFICATE OF ANALYSIS TB09124002

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809609		20	12.85	1395	<1	0.74	2410	680	10	1.67	<5	15	335	<20	0.82	<10
H744159		40	0.32	92	<1	1.89	9	270	6	0.44	<5	3	176	20	0.08	<10
H744160		<10	5.87	808	1	1.11	2910	90	5	1.59	<5	14	84	<20	0.11	<10
H744161		40	0.35	95	<1	2.07	9	240	2	0.25	<5	3	135	20	0.09	<10
H744162		50	1.03	204	1	3.07	29	850	3	0.83	<5	9	111	<20	0.61	<10
H744163		40	2.43	873	1	3.86	20	1490	4	1.20	<5	17	147	<20	0.93	<10
H744163 CRD		40	2.37	852	<1	3.98	21	1520	3	1.22	<5	17	144	<20	0.97	<10
H744164		30	5.96	1790	1	2.33	136	1140	187	1.11	<5	31	167	<20	1.10	<10
H744165		20	12.10	1440	<1	0.52	949	770	13	1.75	<5	16	301	<20	0.68	<10
H744166		20	13.60	1475	4	0.34	1050	690	6	2.17	<5	15	221	<20	0.61	<10
H744167		20	13.55	1450	1	0.43	1030	690	5	0.94	<5	15	274	<20	0.65	<10
H744168		20	13.75	1415	<1	0.42	948	680	3	0.90	<5	15	327	<20	0.65	<10
H744169		20	13.85	1480	1	0.37	1050	640	22	1.21	<5	14	282	<20	0.57	<10
H744170		10	0.25	576	<1	2.62	6	180	7	0.01	<5	5	178	<20	0.12	<10
H744171		20	14.05	1435	1	0.36	1040	660	7	0.82	<5	15	322	<20	0.63	<10
H744172		20	13.80	1495	<1	0.32	1030	640	6	1.46	<5	15	335	<20	0.62	<10
H744173		20	14.85	1500	1	0.41	1390	660	4	1.56	<5	15	317	<20	0.62	<10
H744174		20	14.40	1410	<1	0.46	1260	660	3	0.61	<5	15	313	<20	0.63	<10
H744175		20	14.30	1415	<1	0.45	1080	610	3	0.70	<5	15	319	<20	0.63	<10
H744176		20	14.00	1405	1	0.48	1520	570	5	1.20	<5	14	265	<20	0.59	<10
H744177		20	13.85	1375	<1	0.49	2520	530	4	2.38	<5	14	283	<20	0.56	<10
H744178		20	13.65	1335	1	0.54	2220	600	5	1.85	<5	15	312	<20	0.60	<10
H744179		20	13.25	1295	1	0.58	2200	650	4	1.49	<5	15	317	<20	0.63	<10
H744180		10	10.15	1145	1	0.80	1410	150	5	0.33	<5	20	190	<20	0.11	<10
H744181		20	13.45	1305	1	0.49	2020	610	5	1.10	<5	15	344	<20	0.67	<10
H744182		20	13.25	1340	<1	0.51	1220	670	5	0.77	<5	16	333	<20	0.73	<10
H744183		20	13.15	1400	<1	0.55	1140	760	3	1.32	<5	17	353	<20	0.74	<10
H744183 CRD		20	12.70	1390	<1	0.56	1120	760	3	1.31	<5	17	360	<20	0.72	<10
H744184		20	12.50	1335	<1	0.76	919	860	2	0.35	<5	18	437	<20	0.85	<10
H744185		20	12.25	1355	1	0.80	1090	870	2	1.01	<5	19	381	<20	0.82	<10
H744186		20	11.90	1335	<1	0.84	1820	770	3	1.13	<5	19	409	<20	0.91	<10
H744187		20	10.70	1295	1	0.89	1260	900	4	0.66	<5	19	465	<20	1.00	<10
H744188		20	12.35	1305	<1	0.86	1800	760	3	1.07	<5	17	373	<20	0.85	<10
H744189		20	13.15	1355	1	0.71	2390	670	8	1.65	<5	15	340	<20	0.80	<10
H744190		20	13.30	1285	<1	0.59	2070	620	10	1.36	<5	15	286	<20	0.75	<10
H744191		10	14.40	1320	1	0.42	1810	550	7	1.03	<5	14	259	<20	0.67	<10
H744192		20	14.15	1325	1	0.44	1320	600	4	0.99	<5	14	292	<20	0.70	<10
H744193		20	14.20	1390	1	0.46	1300	600	4	1.17	<5	14	267	<20	0.68	<10
H744194		20	14.45	1440	2	0.51	1290	660	4	1.28	<5	14	254	<20	0.71	<10
H744195		10	14.40	1355	1	0.44	1450	590	<2	1.14	<5	13	263	<20	0.68	<10

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Finalized Date: 11-NOV-2009
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Project: SD09-199 BL

CERTIFICATE OF ANALYSIS TB09124002

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
E809609		<10	169	<10	128	0.149	>1.00	>1.00	0.16	2.54	2.29
H744159		20	8	<10	7	0.002	0.0035	0.002			
H744160		10	76	<10	70	0.057	0.197	0.730			
H744161		10	9	<10	10	<0.001	0.0006	0.001			
H744162		10	107	<10	24	<0.001	0.0243	0.025			
H744163		10	210	<10	73	0.001	0.0005	<0.001			
H744163 CRD		10	210	10	72	0.001	0.0005	<0.001			
H744164		<10	242	<10	266	0.005	0.0375	0.025			
H744165		<10	155	<10	107	0.022	0.343	0.329			
H744166		<10	147	<10	109	0.019	0.304	0.297			
H744167		<10	144	<10	110	0.019	0.286	0.274			
H744168		<10	146	<10	109	0.011	0.142	0.127			
H744169		<10	136	<10	136	0.020	0.263	0.257			
H744170		20	16	<10	29	0.001	<0.0005	<0.001			
H744171		<10	143	<10	110	0.017	0.230	0.234			
H744172		<10	147	<10	114	0.013	0.177	0.169			
H744173		<10	145	<10	121	0.034	0.525	0.527			
H744174		<10	140	<10	110	0.037	0.503	0.502			
H744175		<10	146	<10	107	0.018	0.227	0.217			
H744176		<10	140	<10	109	0.050	0.800	0.797			
H744177		<10	138	10	118	0.137	>1.00	>1.00	0.14	2.34	2.22
H744178		<10	141	<10	109	0.114	>1.00	>1.00	0.11	2.01	1.92
H744179		<10	150	<10	104	0.104	>1.00	>1.00	0.11	1.89	1.80
H744180		10	114	<10	301	0.110	>1.00	0.536	0.11	1.25	0.57
H744181		<10	149	<10	104	0.098	>1.00	>1.00	0.09	1.52	1.39
H744182		<10	153	<10	97	0.030	0.392	0.386			
H744183		<10	166	<10	106	0.034	0.407	0.419			
H744183 CRD		<10	162	<10	106	0.033	0.394	0.401			
H744184		<10	173	<10	99	0.013	0.164	0.160			
H744185		<10	177	<10	104	0.033	0.425	0.444			
H744186		<10	193	<10	106	0.105	>1.00	>1.00	0.09	1.46	1.33
H744187		<10	202	<10	101	0.045	0.654	0.691			
H744188		<10	177	<10	104	0.085	>1.00	>1.00	0.08	1.24	1.15
H744189		<10	165	<10	121	0.163	>1.00	>1.00	0.14	2.33	2.12
H744190		<10	159	<10	101	0.257	>1.00	>1.00	0.23	3.07	2.72
H744191		<10	144	<10	104	0.193	>1.00	>1.00	0.17	2.12	1.82
H744192		<10	155	<10	101	0.026	0.322	0.314			
H744193		<10	151	<10	105	0.012	0.212	0.208			
H744194		<10	153	<10	118	0.015	0.180	0.182			
H744195		<10	145	<10	107	0.026	0.308	0.317			

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Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-199 BL

CERTIFICATE OF ANALYSIS TB09124002

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744196		5.09	1.1	2.84	<5	110	0.6	<2	2.84	<0.5	140	2580	1380	10.45	10	0.26
H744197		5.44	1.2	3.49	<5	350	0.7	<2	2.97	<0.5	127	2350	1290	10.40	10	0.29
H744198		4.91	<0.5	4.95	<5	440	1.2	<2	2.75	<0.5	100	1110	143	10.30	10	0.44
H744199		3.22	<0.5	4.29	7	410	1.0	4	2.89	<0.5	111	1200	120	10.80	10	0.30
H744200		0.10	1.0	8.01	<5	70	<0.5	<2	6.51	<0.5	102	418	3320	6.09	10	0.36
H744201		5.08	<0.5	7.17	5	520	1.7	<2	3.24	<0.5	60	60	42	11.05	20	0.86
H744202		4.58	<0.5	6.69	<5	1070	1.5	<2	0.33	<0.5	4	22	10	1.33	20	3.94
H744203		4.03	<0.5	6.93	<5	820	1.2	<2	0.26	<0.5	2	18	4	0.91	20	3.89
H744203 CRD		0.02	<0.5	6.76	<5	790	1.2	<2	0.24	<0.5	1	13	3	0.79	20	3.76

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

Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-199 BL

CERTIFICATE OF ANALYSIS TB09124002

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744196		20	14.20	1330	<1	0.55	1590	600	3	1.13	<5	14	317	<20	0.75	<10
H744197		20	12.75	1340	<1	0.70	1250	770	4	1.16	<5	15	415	<20	0.93	<10
H744198		30	9.28	1435	1	1.25	521	1180	2	1.02	5	15	481	<20	1.24	<10
H744199		20	10.65	1410	1	0.78	648	990	4	0.66	<5	15	391	<20	1.15	<10
H744200		<10	5.70	772	2	1.05	2930	90	3	1.56	<5	14	84	<20	0.11	<10
H744201		40	3.93	1335	1	2.60	58	1650	7	1.68	7	16	593	<20	2.03	<10
H744202		50	0.40	93	34	2.28	11	370	18	0.87	<5	3	206	30	0.12	<10
H744203		40	0.27	60	<1	2.56	5	270	18	0.41	<5	2	155	20	0.08	<10
H744203 CRD		40	0.23	51	<1	2.48	4	250	16	0.37	<5	2	151	20	0.07	<10

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Finalized Date: 11-NOV-2009
Account: MGMAM

Project: SD09-199 BL

CERTIFICATE OF ANALYSIS TB09124002

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744196		10	154	<10	109	0.039	0.436	0.421			
H744197		<10	180	<10	137	0.040	0.404	0.372			
H744198		<10	210	<10	119	0.004	0.0252	0.023			
H744199		<10	204	<10	130	0.003	0.0112	0.013			
H744200		10	74	<10	61	0.062	0.181	0.720			
H744201		10	342	<10	143	0.001	0.0010	0.002			
H744202		10	14	<10	14	0.001	0.0019	0.002			
H744203		10	10	<10	6	0.001	0.0005	0.001			
H744203 CRD		10	8	<10	5	<0.001	<0.0005	<0.001			

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Finalized Date: 12-NOV-2009
Account: MGMAM

CERTIFICATE TB09124514

Project: SD09-200 BL

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 3-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	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
ME-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12-NOV-2009
Account: MGMAM

Project: SD09-200 BL

CERTIFICATE OF ANALYSIS TB09124514

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H744204		4.99	<0.5	6.50	<5	680	1.8	<2	0.23	<0.5	1	9	3	0.72	20	4.37
H744205		4.87	<0.5	6.62	<5	1090	1.5	<2	0.22	<0.5	1	10	1	0.87	20	5.07
H744206		0.77	<0.5	6.83	15	270	1.6	<2	4.04	<0.5	49	231	62	8.26	20	0.63
H744207		0.12	1.0	8.76	8	70	<0.5	<2	6.64	<0.5	104	427	3560	6.25	10	0.38
H744208		6.37	<0.5	5.16	12	230	1.2	<2	3.01	<0.5	97	830	63	11.15	20	0.53
H744209		4.13	<0.5	7.09	13	620	1.4	<2	3.16	<0.5	82	81	37	13.95	20	0.73
H744210		5.13	<0.5	7.38	18	680	1.9	<2	2.83	<0.5	49	34	37	9.21	20	0.95
H744211		0.09	<0.5	6.49	5	910	1.0	<2	1.35	<0.5	3	24	17	1.65	10	2.10
H744212		4.57	<0.5	6.68	<5	550	2.0	<2	0.52	<0.5	3	7	3	1.33	20	3.77
H744213		4.98	<0.5	6.24	6	740	1.9	<2	0.59	<0.5	2	8	2	0.82	20	3.41

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Finalized Date: 12-NOV-2009
Account: MGMAM

Project: SD09-200 BL

CERTIFICATE OF ANALYSIS TB09124514

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744204		10	0.19	62	<1	2.05	<1	290	11	0.26	6	2	184	<20	0.03	<10
H744205		30	0.24	76	<1	1.78	<1	240	11	0.37	<5	3	238	20	0.05	<10
H744206		30	4.38	1075	<1	2.58	125	1580	18	1.72	<5	17	352	<20	1.49	<10
H744207		<10	6.06	810	1	1.12	3040	90	6	1.62	5	15	88	<20	0.11	<10
H744208		30	7.91	1395	<1	1.26	419	1220	5	1.47	<5	14	352	<20	1.41	<10
H744209		30	3.61	1395	<1	2.53	81	1430	11	2.01	<5	14	663	<20	2.03	<10
H744210		40	3.23	992	<1	2.87	34	1660	22	2.55	<5	14	500	<20	1.54	<10
H744211		10	0.21	593	<1	2.70	2	190	8	<0.01	<5	5	183	<20	0.12	<10
H744212		30	0.30	109	<1	2.25	2	350	19	0.78	<5	5	107	<20	0.12	<10
H744213		20	0.23	94	<1	2.34	1	280	20	0.29	<5	2	92	<20	0.07	<10

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Finalized Date: 12-NOV-2009
Account: MGMAM

Project: SD09-200 BL

CERTIFICATE OF ANALYSIS TB09124514

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H744204		20	5	<10	5	0.001	<0.0005	0.001
H744205		10	5	<10	5	0.001	<0.0005	<0.001
H744206		<10	234	10	141	0.001	0.0028	0.002
H744207		<10	76	10	68	0.063	0.181	0.707
H744208		<10	261	<10	144	0.002	0.0032	0.004
H744209		<10	469	<10	164	0.001	<0.0005	0.001
H744210		<10	283	<10	115	0.001	<0.0005	0.001
H744211		10	16	<10	28	<0.001	<0.0005	<0.001
H744212		10	14	<10	36	0.001	<0.0005	<0.001
H744213		10	9	<10	32	0.003	<0.0005	<0.001

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

Finalized Date: 19-NOV-2009
Account: MGMAM

CERTIFICATE TB09126293

Project: SD09-226 BL

P.O. No.:

This report is for 19 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-226 BL

CERTIFICATE OF ANALYSIS TB09126293

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H744214		3.63	<0.5	6.87	<5	1060	1.4	<2	0.18	<0.5	1	6	2	1.36	20	4.36
H744215		4.12	<0.5	7.07	<5	1050	1.6	<2	0.22	<0.5	2	10	19	1.51	20	4.54
H744216		3.22	<0.5	4.71	25	1600	1.4	<2	3.21	0.6	94	1190	361	9.98	10	0.33
H744217		4.61	0.6	4.18	38	250	1.3	3	4.16	<0.5	91	1230	463	9.05	10	0.26
H744218		0.10	0.6	5.96	<5	120	<0.5	<2	4.30	<0.5	67	3130	589	5.65	10	0.14
H744219		4.67	0.7	4.88	34	420	1.5	4	3.21	<0.5	84	1160	277	9.13	10	0.41
H744220		3.78	0.7	4.63	22	1130	1.3	5	3.92	<0.5	84	1075	639	9.20	10	0.37
H744221		0.10	1.1	9.19	<5	100	<0.5	<2	7.20	<0.5	107	431	3680	6.81	10	0.40
H744222		4.37	<0.5	7.04	<5	1260	1.4	3	0.22	<0.5	7	15	196	1.62	20	4.28
H744223		4.22	<0.5	7.04	<5	1070	1.9	<2	0.20	<0.5	1	16	10	1.31	20	4.81
H744223 CRD		0.02	<0.5	7.30	6	1130	1.9	<2	0.20	<0.5	1	8	8	1.37	20	4.93
H744224		4.34	<0.5	7.13	7	730	1.6	<2	0.24	<0.5	2	9	2	1.44	20	3.95
H744225		4.28	<0.5	6.92	<5	1180	1.3	<2	0.24	<0.5	1	8	1	1.15	20	5.54
H744226		4.71	<0.5	7.13	10	400	1.5	3	3.99	<0.5	65	137	37	11.35	20	0.63
H744227		4.62	<0.5	7.27	12	460	1.4	6	3.42	<0.5	76	121	56	13.40	20	0.62
H744228		4.95	<0.5	7.30	10	570	1.9	4	3.40	<0.5	57	37	41	10.75	20	0.80
H744229		0.07	<0.5	6.39	<5	910	1.0	3	1.36	<0.5	2	22	15	1.63	10	2.07
H744230		4.29	<0.5	6.46	<5	720	2.2	2	0.24	<0.5	1	8	1	0.97	20	4.20
H744231		4.38	<0.5	6.88	<5	510	1.7	<2	0.35	<0.5	1	11	<1	0.98	20	3.90

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Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-226 BL

CERTIFICATE OF ANALYSIS TB09126293

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H744214		50	0.37	122	<1	2.17	3	260	17	0.33	<5	3	169	30	0.11	<10
H744215		40	0.45	125	<1	2.27	7	310	24	0.46	<5	4	157	30	0.11	<10
H744216		20	8.05	1765	1	1.20	525	830	64	1.14	18	33	352	<20	1.12	<10
H744217		20	9.68	1580	1	1.00	642	880	16	1.69	17	23	629	<20	0.79	<10
H744218		<10	8.71	1025	<1	0.70	1210	140	9	0.29	33	17	170	<20	0.10	<10
H744219		20	8.64	1710	<1	1.58	538	1130	10	1.56	13	16	593	<20	0.94	<10
H744220		20	8.88	1925	1	1.36	589	830	35	0.86	16	22	264	<20	1.10	<10
H744221		<10	6.42	883	1	1.21	3050	100	7	1.70	12	17	91	<20	0.13	<10
H744222		50	0.47	169	<1	2.48	100	330	10	0.40	<5	3	155	30	0.13	<10
H744223		50	0.39	145	<1	2.11	10	330	8	0.36	<5	3	160	30	0.12	<10
H744223 CRD		60	0.40	149	<1	2.14	7	350	8	0.38	<5	3	165	30	0.12	<10
H744224		60	0.44	97	4	2.62	3	340	18	0.66	5	4	194	30	0.11	<10
H744225		40	0.30	84	<1	1.71	2	270	17	0.58	<5	3	234	20	0.08	<10
H744226		40	4.26	1565	<1	2.70	99	1590	11	1.45	15	16	573	<20	1.90	<10
H744227		30	3.67	1675	<1	2.82	96	1580	13	1.89	16	15	649	<20	2.11	<10
H744228		40	3.34	1230	<1	2.99	43	1740	21	3.25	13	15	519	<20	1.76	<10
H744229		10	0.21	589	<1	2.65	2	190	9	0.01	<5	5	179	<20	0.12	<10
H744230		40	0.17	61	<1	2.00	1	360	25	0.53	<5	3	125	30	0.07	<10
H744231		30	0.16	69	<1	2.45	2	330	24	0.52	<5	4	101	20	0.07	<10

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

Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-226 BL

CERTIFICATE OF ANALYSIS TB09126293

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H744214		10	11	<10	25	0.001	<0.0005	<0.001			
H744215		10	11	<10	37	0.002	<0.0005	<0.001			
H744216		<10	266	<10	259	0.009	0.0947	0.091			
H744217		<10	193	<10	137	0.012	0.167	0.159			
H744218		<10	99	<10	261	0.121	>1.00	0.581	0.11	1.27	0.56
H744219		<10	209	<10	187	0.007	0.140	0.118			
H744220		<10	233	<10	189	0.014	0.211	0.191			
H744221		<10	81	<10	78	0.058	0.200	0.711			
H744222		<10	14	<10	12	0.015	0.241	0.223			
H744223		<10	12	<10	10	0.002	0.0027	0.002			
H744223 CRD		<10	12	<10	11	0.002	0.0036	0.003			
H744224		<10	12	<10	12	0.002	0.0006	0.001			
H744225		<10	8	<10	9	0.002	<0.0005	0.001			
H744226		<10	351	<10	180	0.002	0.0013	0.002			
H744227		<10	433	<10	209	0.002	<0.0005	<0.001			
H744228		<10	330	<10	140	0.002	<0.0005	<0.001			
H744229		10	16	<10	28	0.002	<0.0005	<0.001			
H744230		10	8	<10	9	0.002	<0.0005	<0.001			
H744231		10	7	<10	4	0.002	<0.0005	<0.001			

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THUNDER BAY ON P7B 6V1

Finalized Date: 19-NOV-2009
Account: MGMAM

CERTIFICATE TB09126296

Project: SD09-227 BL

P.O. No.:

This report is for 43 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-227 BL

CERTIFICATE OF ANALYSIS TB09126296

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809610		2.03	0.5	6.57	6	780	1.2	<2	0.37	<0.5	2	11	1	1.37	20	3.99
H744232		4.11	<0.5	6.93	<5	1090	1.2	<2	0.14	<0.5	1	8	1	0.96	20	5.86
H744233		3.73	<0.5	6.70	9	940	1.1	2	0.16	<0.5	2	9	9	1.47	20	5.43
H744234		2.91	0.6	6.73	12	390	1.6	5	2.79	<0.5	46	133	132	8.61	20	0.64
H744235		3.60	1.0	4.09	78	250	1.1	4	3.78	<0.5	84	790	235	9.46	10	0.20
H744236		4.17	<0.5	5.12	6	680	0.8	<2	0.20	<0.5	5	15	77	1.05	10	3.43
H744237		4.16	<0.5	6.82	<5	630	1.0	<2	0.25	<0.5	1	8	2	1.05	20	4.26
H744238		3.84	<0.5	6.79	8	840	0.8	2	0.24	<0.5	1	6	5	0.86	10	5.83
H744239		4.00	<0.5	6.87	8	650	0.9	<2	0.36	<0.5	1	9	3	1.21	20	3.87
H744240		0.11	0.5	6.65	7	60	<0.5	<2	4.82	<0.5	76	3490	669	6.31	10	0.17
H744241		3.44	<0.5	6.59	5	240	1.2	2	0.52	<0.5	1	8	5	1.19	20	1.46
H744242		3.53	<0.5	3.69	20	130	0.9	<2	5.86	<0.5	79	1090	289	8.50	10	0.25
H744243		4.81	<0.5	3.95	25	180	1.0	2	4.85	0.6	93	1355	693	9.49	10	0.44
H744243 CRD		0.02	0.9	4.11	35	190	1.0	4	4.95	0.5	95	1370	726	9.63	10	0.46
H744244		4.91	0.5	3.62	33	210	0.9	2	4.36	<0.5	98	1570	643	9.49	10	0.50
H744245		4.82	1.0	3.45	10	210	0.9	<2	3.98	<0.5	99	1790	605	9.43	10	0.47
H744246		5.11	<0.5	3.56	15	200	0.9	<2	4.14	<0.5	104	2400	370	9.77	10	0.49
H744247		4.65	0.5	3.40	11	170	0.8	<2	4.04	<0.5	103	2570	308	9.77	10	0.40
H744248		2.43	1.2	3.13	29	130	0.8	<2	3.22	<0.5	116	2100	1450	9.51	10	0.33
H744249		2.54	2.1	3.70	12	210	0.9	<2	3.82	0.6	121	1580	2810	10.25	10	0.37
H744250		0.08	0.5	6.25	<5	930	1.0	<2	1.35	<0.5	4	26	23	1.64	10	2.11
H744251		5.05	1.7	3.23	9	180	0.7	5	3.75	<0.5	115	1720	2030	9.76	10	0.33
H744252		4.92	2.2	3.24	6	150	0.7	2	3.61	<0.5	143	1910	3010	10.80	<10	0.29
H744253		2.66	1.4	3.24	39	150	0.7	<2	3.55	<0.5	130	2040	2130	10.30	10	0.35
H744254		5.01	<0.5	3.26	<5	170	0.8	<2	3.54	<0.5	104	1990	208	9.49	10	0.40
H744255		3.66	0.7	3.21	25	220	0.8	<2	3.71	<0.5	105	2000	655	9.46	10	0.36
H744256		3.77	0.9	3.33	60	50	0.8	2	3.75	0.5	98	1810	520	9.51	10	0.23
H744257		2.74	0.9	3.48	13	70	0.8	<2	4.10	<0.5	109	1740	1185	9.49	10	0.24
H744258		2.02	1.3	6.44	158	670	0.8	<2	0.51	<0.5	31	47	4680	2.76	20	3.94
H744259		2.13	0.6	6.43	33	1110	1.1	<2	0.21	<0.5	5	16	127	1.08	20	4.44
H744260		0.12	1.1	8.45	<5	70	<0.5	<2	6.48	<0.5	98	417	3350	6.23	10	0.38
H744261		4.28	1.0	6.42	<5	590	1.2	<2	0.29	<0.5	2	9	29	0.98	20	4.16
H744262		4.59	0.6	6.43	6	680	1.1	<2	0.24	<0.5	1	9	3	0.97	20	5.42
H744263		4.28	0.7	6.44	<5	510	1.4	<2	0.29	<0.5	1	8	2	1.07	20	4.75
H744263 CRD		<0.02	0.6	6.47	<5	510	1.4	<2	0.29	<0.5	2	11	3	1.05	20	4.68
H744264		3.60	0.5	6.61	<5	510	1.3	<2	0.25	<0.5	2	12	2	0.89	20	4.85
H744265		2.61	<0.5	4.12	10	110	1.0	<2	3.39	<0.5	103	2060	134	9.56	10	0.43
H744266		4.50	0.8	3.26	5	120	0.6	2	2.99	<0.5	117	2210	346	10.00	10	0.30
H744267		4.50	0.7	3.67	7	150	0.7	2	2.94	<0.5	117	2080	202	10.95	10	0.35
H744268		3.23	<0.5	4.28	7	650	1.1	7	2.78	<0.5	123	1250	82	12.75	10	0.44

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Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-227 BL

CERTIFICATE OF ANALYSIS TB09126296

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809610		50	0.34	89	<1	2.36	21	300	25	0.88	<5	3	169	20	0.14	<10
H744232		20	0.17	74	<1	1.39	8	260	10	0.31	<5	3	137	20	0.08	<10
H744233		30	0.32	109	<1	1.54	7	280	7	0.60	<5	4	99	20	0.12	<10
H744234		30	3.72	999	1	2.71	73	1370	20	3.34	10	34	316	<20	1.34	<10
H744235		20	9.43	1740	<1	1.05	488	860	18	3.60	16	22	246	<20	0.82	<10
H744236		30	0.32	96	<1	1.67	60	180	9	0.46	<5	2	97	20	0.07	<10
H744237		50	0.34	101	<1	2.54	9	220	6	0.41	<5	3	127	30	0.10	<10
H744238		10	0.18	110	<1	1.70	2	280	35	0.39	<5	2	128	<20	0.06	<10
H744239		30	0.34	137	<1	2.93	5	250	9	0.52	<5	3	131	20	0.08	<10
H744240		<10	9.76	1145	<1	0.77	1350	160	7	0.33	40	19	184	<20	0.11	<10
H744241		10	0.38	140	<1	4.25	2	260	6	0.39	<5	2	121	<20	0.06	<10
H744242		20	9.54	1440	<1	0.88	494	730	13	0.84	11	29	275	<20	0.86	<10
H744243		20	10.55	1410	1	0.92	701	900	5	1.39	16	22	370	<20	0.85	<10
H744243 CRD		20	10.80	1435	<1	0.96	724	950	6	1.34	19	23	387	<20	0.85	<10
H744244		20	11.05	1460	<1	0.70	835	820	10	1.71	12	20	312	<20	0.78	<10
H744245		20	11.30	1360	<1	0.76	858	800	4	0.83	12	19	341	<20	0.80	<10
H744246		20	12.65	1415	1	0.91	923	830	5	0.48	16	19	378	<20	0.83	<10
H744247		20	12.90	1410	<1	0.86	932	770	8	0.71	20	19	353	<20	0.78	<10
H744248		20	12.20	1285	1	0.72	1345	640	6	1.58	14	16	301	<20	0.63	<10
H744249		20	11.55	1400	1	0.95	1515	740	6	1.53	11	18	387	<20	0.80	<10
H744250		10	0.24	595	<1	2.69	7	190	9	0.01	<5	5	173	<20	0.12	<10
H744251		20	11.70	1320	<1	0.72	1295	710	<2	1.17	10	17	364	<20	0.77	<10
H744252		20	12.25	1360	1	0.63	1945	790	4	1.90	14	17	334	<20	0.76	<10
H744253		20	12.85	1410	4	0.63	1595	740	5	1.90	14	17	337	<20	0.72	<10
H744254		20	13.15	1360	<1	0.77	885	760	2	0.23	14	17	366	<20	0.75	<10
H744255		20	12.55	1370	<1	0.60	984	720	4	1.11	14	16	320	<20	0.71	<10
H744256		20	12.40	1485	<1	0.32	865	740	32	1.85	14	18	115	<20	0.72	<10
H744257		20	11.45	1415	<1	0.46	1175	720	5	1.52	11	18	149	<20	0.75	<10
H744258		30	0.68	180	<1	2.39	736	260	16	1.75	<5	3	95	20	0.11	<10
H744259		40	0.35	102	<1	2.18	75	210	15	0.58	<5	3	104	20	0.10	<10
H744260		10	5.86	800	1	1.12	2850	90	5	1.56	6	15	82	<20	0.11	<10
H744261		50	0.28	92	<1	2.35	20	220	9	0.52	<5	3	100	30	0.10	<10
H744262		20	0.19	61	<1	1.58	4	290	22	0.75	<5	2	126	20	0.06	<10
H744263		30	0.23	76	<1	2.01	2	250	15	0.80	<5	3	149	20	0.07	<10
H744263 CRD		30	0.24	71	<1	2.04	3	260	15	0.80	<5	3	148	20	0.07	<10
H744264		20	0.28	106	<1	2.08	6	260	9	0.39	<5	3	156	20	0.07	<10
H744265		20	11.25	1320	<1	0.85	820	790	5	1.67	14	16	297	<20	0.80	<10
H744266		20	13.05	1315	<1	0.68	1065	650	22	1.50	11	14	326	<20	0.83	<10
H744267		20	12.20	1400	<1	0.73	882	810	9	1.81	16	14	353	<20	0.94	<10
H744268		30	11.40	1600	<1	0.98	688	1110	7	2.05	5	11	475	<20	1.30	<10

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Finalized Date: 19-NOV-2009
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Project: SD09-227 BL

CERTIFICATE OF ANALYSIS TB09126296

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
E809610		10	14	<10	18	0.002	<0.0005	0.002			
H744232		10	7	<10	36	0.002	<0.0005	<0.001			
H744233		20	12	<10	9	0.002	0.0010	0.001			
H744234		<10	298	<10	122	0.003	0.0054	0.002			
H744235		<10	189	<10	109	0.007	0.0543	0.050			
H744236		10	10	<10	14	0.006	0.0829	0.085			
H744237		<10	9	<10	18	0.002	0.0009	0.001			
H744238		20	5	<10	25	0.002	<0.0005	0.001			
H744239		20	7	<10	15	0.002	<0.0005	<0.001			
H744240		<10	111	<10	294	0.112	>1.00	0.591	0.12	1.26	0.56
H744241		20	6	<10	12	0.002	<0.0005	<0.001			
H744242		<10	200	<10	99	0.008	0.0647	0.052			
H744243		<10	187	<10	111	0.022	0.268	0.246			
H744243 CRD		<10	191	<10	112	0.021	0.279	0.247			
H744244		<10	182	<10	116	0.018	0.286	0.268			
H744245		<10	177	<10	107	0.020	0.297	0.266			
H744246		<10	180	<10	110	0.013	0.164	0.141			
H744247		<10	182	<10	111	0.010	0.126	0.104			
H744248		<10	154	<10	120	0.048	0.777	0.750			
H744249		<10	173	<10	149	0.103	>1.00	>1.00	0.10	1.50	1.38
H744250		<10	16	<10	30	0.002	0.0006	<0.001			
H744251		<10	164	<10	105	0.075	>1.00	0.963	0.07	1.02	0.93
H744252		<10	166	<10	112	0.090	>1.00	>1.00	0.08	1.44	1.36
H744253		<10	164	<10	126	0.065	0.984	0.905			
H744254		<10	163	<10	104	0.007	0.0816	0.066			
H744255		<10	163	<10	116	0.021	0.299	0.260			
H744256		<10	178	<10	123	0.021	0.238	0.206			
H744257		<10	179	<10	117	0.039	0.584	0.512			
H744258		<10	14	<10	54	0.179	>1.00	>1.00	0.17	2.08	2.00
H744259		10	11	<10	49	0.006	0.0907	0.084			
H744260		<10	76	<10	69	0.056	0.195	0.692			
H744261		<10	9	<10	9	0.014	0.172	0.122			
H744262		<10	8	<10	14	0.002	0.0017	0.001			
H744263		10	6	<10	17	0.002	0.0014	0.001			
H744263 CRD		10	7	<10	20	0.002	0.0009	0.001			
H744264		10	6	<10	9	0.002	0.0010	0.001			
H744265		<10	185	<10	116	0.005	0.0293	0.023			
H744266		<10	169	<10	105	0.009	0.0871	0.074			
H744267		<10	194	<10	156	0.006	0.0426	0.037			
H744268		<10	255	<10	144	0.003	0.0067	0.007			

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Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-227 BL

CERTIFICATE OF ANALYSIS TB09126296

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744269		2.64	0.8	7.54	9	810	1.9	4	3.29	<0.5	44	26	70	8.28	20	0.84
H744270		1.73	<0.5	6.40	<5	810	1.3	<2	0.35	<0.5	3	7	2	1.34	20	4.12
H744271		4.19	<0.5	6.51	6	560	1.2	<2	0.33	<0.5	1	10	1	0.74	20	4.48

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

Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-227 BL

CERTIFICATE OF ANALYSIS TB09126296

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H744269		50	2.88	1190	<1	3.11	55	1730	9	1.80	<5	15	489	<20	1.58	<10
H744270		40	0.36	97	<1	2.33	4	280	24	0.79	<5	3	168	20	0.14	<10
H744271		30	0.17	67	<1	2.37	1	300	23	0.26	<5	2	115	<20	0.06	<10

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Project: SD09-227 BL

CERTIFICATE OF ANALYSIS TB09126296

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744269		<10	228	<10	101	0.002	0.0010	0.001			
H744270		<10	14	<10	16	0.002	0.0023	0.002			
H744271		10	7	<10	6	0.002	0.0006	0.001			

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Finalized Date: 19-NOV-2009
Account: MGMAM

CERTIFICATE TB09127103

Project: SD09-228 BL

P.O. No.:

This report is for 50 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 11-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-228 BL

CERTIFICATE OF ANALYSIS TB09127103

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809611		1.10	<0.5	2.90	20	110	0.6	<2	2.64	<0.5	132	2200	819	10.15	10	0.29
H744272		4.49	<0.5	6.74	<5	690	1.6	<2	0.18	<0.5	1	13	7	1.06	20	4.80
H744273		3.97	<0.5	6.56	<5	940	1.6	<2	0.18	<0.5	3	17	29	1.41	20	5.36
H744274		2.90	<0.5	6.38	6	430	1.9	<2	1.24	<0.5	44	136	169	7.07	20	0.88
H744275		4.47	0.5	4.09	20	1280	1.2	<2	3.77	<0.5	93	1170	297	9.25	10	0.20
H744276		4.98	<0.5	3.60	100	110	0.9	<2	4.18	<0.5	90	1130	341	8.71	10	0.24
H744277		3.82	1.0	3.48	85	370	0.9	<2	4.05	<0.5	100	1320	507	9.22	10	0.39
H744278		2.58	0.5	3.47	46	450	0.8	<2	3.85	<0.5	102	1330	590	9.01	10	0.51
H744279		2.68	1.6	3.40	22	240	0.8	<2	3.32	0.5	148	1430	3060	10.55	10	0.47
H744280		0.12	1.7	8.58	6	70	<0.5	<2	6.67	<0.5	103	440	3450	6.31	10	0.39
H744281		2.48	1.3	3.61	23	250	0.8	<2	3.50	<0.5	119	1350	1765	9.74	10	0.55
H744282		5.27	0.7	3.59	11	280	0.9	<2	3.83	<0.5	106	1440	982	9.31	10	0.49
H744283		2.23	0.9	3.48	77	460	0.8	<2	3.76	<0.5	105	1330	714	9.34	10	0.43
H744283 CRD		<0.02	1.1	3.52	85	470	0.8	<2	3.81	<0.5	106	1420	690	9.44	10	0.44
H744284		2.42	0.9	3.40	69	180	0.8	2	3.66	<0.5	124	1290	1920	9.94	10	0.37
H744285		2.46	2.3	3.39	58	110	0.8	<2	3.93	<0.5	162	1260	4040	11.00	10	0.31
H744286		2.80	2.7	3.60	34	170	0.9	<2	3.87	0.6	149	1240	4160	10.55	10	0.40
H744287		2.60	2.4	3.24	41	120	0.8	2	3.70	0.5	158	1230	4110	10.75	10	0.36
H744288		4.30	1.3	3.62	22	200	0.9	<2	3.93	<0.5	103	1480	1455	9.22	10	0.54
H744289		4.53	0.9	3.24	24	210	0.8	<2	3.83	<0.5	114	1880	793	9.72	10	0.54
H744290		0.09	<0.5	6.24	<5	890	1.0	<2	1.34	<0.5	3	24	18	1.61	10	2.07
H744291		5.24	<0.5	3.11	15	170	0.8	<2	3.87	<0.5	109	2040	266	9.56	10	0.53
H744292		5.21	<0.5	3.05	28	140	0.8	<2	3.94	<0.5	111	2080	309	9.62	10	0.54
H744293		5.72	0.7	3.06	10	170	0.8	<2	3.52	<0.5	119	2440	865	9.52	10	0.59
H744294		4.73	<0.5	3.26	7	150	0.8	<2	3.81	<0.5	114	2670	502	9.37	10	0.48
H744295		4.67	0.6	3.22	18	160	0.6	<2	3.75	<0.5	111	1770	776	9.36	10	0.53
H744296		4.78	0.6	3.36	19	150	0.7	<2	3.78	<0.5	108	1980	504	9.38	10	0.53
H744297		4.88	0.6	3.50	5	180	0.8	<2	3.83	<0.5	101	1990	268	9.26	10	0.55
H744298		4.84	0.6	3.47	22	140	0.7	<2	3.83	<0.5	114	2130	761	9.83	10	0.53
H744299		2.47	1.2	3.14	9	150	0.7	<2	3.52	<0.5	135	2050	1585	10.30	10	0.39
H744300		0.12	0.5	6.73	7	60	<0.5	<2	4.87	<0.5	82	3320	674	6.38	10	0.15
H744301		5.01	0.7	3.35	12	110	0.7	<2	3.50	<0.5	130	2220	1285	10.15	10	0.32
H744302		5.03	<0.5	3.21	<5	140	0.7	<2	3.28	<0.5	128	2450	827	10.05	10	0.36
H744303		2.30	5.3	2.99	9	120	0.6	<2	3.00	1.0	144	2430	5400	10.65	10	0.29
H744303 CRD		0.02	5.1	2.88	6	120	0.6	4	2.89	1.1	142	2210	5420	10.35	10	0.28
H744304		4.88	1.0	2.81	32	110	0.6	<2	2.86	<0.5	141	2200	1395	10.50	10	0.27
H744305		4.85	1.0	2.85	33	110	0.6	<2	2.99	<0.5	136	2270	1390	10.15	10	0.29
H744306		2.50	1.5	2.95	16	120	0.6	<2	3.13	<0.5	140	2330	1965	10.40	10	0.24
H744307		2.56	1.8	2.84	<5	100	0.5	<2	2.85	<0.5	163	2460	3080	11.30	10	0.22
H744308		2.41	<0.5	3.11	5	110	0.6	<2	2.82	<0.5	142	2490	878	11.05	10	0.27

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

Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-228 BL

CERTIFICATE OF ANALYSIS TB09127103

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809611		20	13.80	1345	<1	0.55	1335	640	5	0.98	<5	13	300	<20	0.67	<10
H744272		30	0.26	87	<1	2.05	4	290	19	0.52	<5	2	144	20	0.07	<10
H744273		20	0.40	117	<1	1.44	12	350	14	0.58	<5	3	123	20	0.10	<10
H744274		30	3.28	703	<1	2.58	81	1280	6	2.16	<5	28	172	<20	1.28	<10
H744275		20	10.50	2010	<1	0.98	593	910	15	1.49	<5	21	270	<20	0.82	<10
H744276		20	10.45	1585	<1	0.62	641	840	89	2.61	<5	18	218	<20	0.67	<10
H744277		20	11.45	1710	<1	0.51	782	830	4	2.55	<5	18	274	<20	0.66	<10
H744278		20	11.40	1480	<1	0.51	844	720	3	2.14	<5	18	292	<20	0.72	<10
H744279		20	11.30	1360	<1	0.72	1715	670	7	3.12	<5	17	356	<20	0.69	<10
H744280		<10	6.08	810	<1	1.08	3030	90	8	1.63	<5	16	83	<20	0.11	<10
H744281		20	10.90	1410	<1	0.63	1215	770	7	2.73	<5	18	295	<20	0.73	<10
H744282		20	10.90	1345	<1	0.69	897	990	3	1.32	<5	19	341	<20	0.80	<10
H744283		20	11.35	1340	<1	0.52	844	950	6	2.63	<5	19	297	<20	0.73	<10
H744283 CRD		20	11.65	1365	<1	0.52	866	980	6	2.57	<5	19	296	<20	0.71	<10
H744284		20	11.10	1455	<1	0.44	1390	860	9	3.15	<5	19	236	<20	0.70	<10
H744285		20	10.75	1410	<1	0.49	2110	780	8	4.20	<5	19	237	<20	0.66	<10
H744286		20	10.20	1400	<1	0.76	1835	800	7	3.75	<5	19	302	<20	0.70	<10
H744287		20	11.00	1375	<1	0.52	1980	740	10	3.60	<5	19	239	<20	0.68	<10
H744288		20	10.90	1345	<1	0.80	971	750	6	1.22	<5	20	331	<20	0.82	<10
H744289		20	12.45	1375	<1	0.67	1035	790	3	1.40	<5	18	366	<20	0.74	<10
H744290		10	0.23	578	<1	2.58	4	180	8	0.01	<5	5	174	<20	0.11	<10
H744291		20	13.10	1385	<1	0.71	868	810	<2	0.80	<5	18	373	<20	0.76	<10
H744292		20	13.05	1390	<1	0.62	926	700	2	1.15	<5	17	366	<20	0.74	<10
H744293		20	13.35	1335	<1	0.82	1225	710	5	0.59	<5	17	376	<20	0.76	<10
H744294		20	13.10	1340	<1	0.81	1085	720	5	0.65	<5	17	390	<20	0.76	<10
H744295		20	12.20	1320	<1	0.58	1020	770	3	1.07	<5	17	402	<20	0.75	<10
H744296		20	12.40	1335	<1	0.67	983	800	4	1.16	<5	18	372	<20	0.76	<10
H744297		20	12.30	1330	<1	0.82	879	790	<2	0.62	<5	18	403	<20	0.82	<10
H744298		20	12.75	1395	<1	0.70	1105	760	3	1.28	<5	18	352	<20	0.79	<10
H744299		20	13.30	1390	<1	0.68	1480	690	5	1.59	<5	16	393	<20	0.70	<10
H744300		10	10.15	1155	<1	0.77	1460	160	7	0.33	<5	20	183	<20	0.11	<10
H744301		20	13.25	1370	<1	0.67	1355	690	3	1.04	<5	16	342	<20	0.78	<10
H744302		20	13.85	1365	<1	0.65	1290	660	3	0.60	<5	15	356	<20	0.76	<10
H744303		20	14.10	1360	<1	0.63	1910	620	6	1.39	<5	15	286	<20	0.69	<10
H744303 CRD		20	13.60	1310	<1	0.60	1880	600	4	1.45	<5	14	276	<20	0.67	<10
H744304		10	14.75	1390	<1	0.51	1520	600	8	1.69	<5	14	279	<20	0.66	<10
H744305		20	14.00	1345	6	0.52	1560	600	2	1.67	<5	15	287	<20	0.71	<10
H744306		20	13.45	1340	<1	0.58	1730	650	5	1.87	<5	15	298	<20	0.74	<10
H744307		10	13.95	1345	<1	0.59	2290	590	7	2.97	<5	14	300	<20	0.72	<10
H744308		20	14.65	1430	<1	0.61	1375	730	3	0.77	<5	14	325	<20	0.77	<10

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CERTIFICATE OF ANALYSIS TB09127103

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
E809611		<10	140	<10	108	0.024	0.291	0.263			
H744272		20	8	<10	8	0.002	0.0006	<0.001			
H744273		20	13	<10	10	0.002	0.0120	0.011			
H744274		20	297	<10	72	0.004	0.0154	0.012			
H744275		<10	184	<10	132	0.010	0.0694	0.065			
H744276		<10	167	<10	188	0.010	0.108	0.096			
H744277		<10	163	<10	109	0.013	0.170	0.157			
H744278		<10	162	<10	101	0.014	0.1925	0.178			
H744279		<10	161	<10	109	0.064	>1.00	>1.00	0.07	1.19	1.14
H744280		10	75	<10	68	0.052	0.1815	0.660			
H744281		<10	167	<10	105	0.036	0.593	0.581			
H744282		<10	174	<10	104	0.024	0.364	0.353			
H744283		<10	169	<10	101	0.017	0.279	0.263			
H744283 CRD		<10	171	<10	102	0.017	0.242	0.239			
H744284		<10	170	<10	108	0.042	0.816	0.861			
H744285		<10	168	<10	105	0.090	>1.00	>1.00	0.10	1.84	1.88
H744286		<10	170	<10	112	0.102	>1.00	>1.00	0.10	1.84	1.73
H744287		<10	164	<10	112	0.087	>1.00	>1.00	0.09	1.68	1.66
H744288		<10	178	<10	101	0.055	0.673	0.645			
H744289		<10	169	10	105	0.023	0.359	0.338			
H744290		10	16	<10	29	0.004	0.0016	0.001			
H744291		<10	168	<10	105	0.007	0.0876	0.080			
H744292		<10	170	<10	107	0.009	0.132	0.127			
H744293		<10	160	<10	108	0.025	0.402	0.378			
H744294		<10	168	<10	103	0.016	0.230	0.207			
H744295		<10	163	<10	104	0.023	0.358	0.342			
H744296		<10	168	10	106	0.017	0.246	0.227			
H744297		<10	175	<10	101	0.010	0.121	0.112			
H744298		<10	176	<10	109	0.021	0.329	0.300			
H744299		<10	162	<10	107	0.038	0.606	0.576			
H744300		10	112	<10	299	0.106	>1.00	0.585	0.12	1.23	0.55
H744301		<10	171	<10	108	0.032	0.506	0.455			
H744302		<10	162	<10	107	0.019	0.262	0.238			
H744303		<10	154	<10	107	0.235	>1.00	>1.00	0.24	2.88	2.38
H744303 CRD		<10	149	<10	100	0.193	>1.00	>1.00	0.24	2.63	2.28
H744304		<10	148	<10	105	0.034	0.505	0.469			
H744305		<10	157	<10	108	0.033	0.480	0.453			
H744306		<10	164	<10	105	0.048	0.705	0.646			
H744307		<10	157	10	112	0.075	>1.00	>1.00	0.08	1.09	1.04
H744308		<10	157	<10	148	0.023	0.290	0.277			

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

Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-228 BL

CERTIFICATE OF ANALYSIS TB09127103

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H744309		2.53	<0.5	3.03	90	170	0.9	<2	2.39	<0.5	133	2110	508	10.55	10	0.34
H744310		1.11	0.5	2.94	20	110	0.7	<2	2.74	<0.5	143	2400	848	10.65	10	0.28
H744311		4.38	0.7	3.19	45	150	0.8	<2	2.95	<0.5	132	2180	642	10.60	10	0.31
H744312		4.49	<0.5	3.08	13	110	0.6	<2	2.89	<0.5	127	2410	404	10.25	10	0.24
H744313		4.54	<0.5	3.10	12	150	0.7	<2	2.89	<0.5	123	1920	387	9.99	10	0.24
H744314		4.89	<0.5	3.50	13	280	0.7	<2	3.20	<0.5	121	1840	773	10.55	10	0.31
H744315		3.36	<0.5	7.07	13	1010	1.6	<2	3.14	<0.5	69	82	68	12.60	20	1.23
H744316		3.57	<0.5	7.29	7	790	1.9	<2	2.98	<0.5	49	21	46	8.78	20	0.96
H744317		3.71	<0.5	6.30	5	520	1.5	<2	0.50	<0.5	1	12	4	0.86	20	4.06
H744318		4.68	<0.5	6.60	<5	580	1.4	<2	0.54	<0.5	1	12	3	0.91	20	3.71

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Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-228 BL

CERTIFICATE OF ANALYSIS TB09127103

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744309		20	14.45	1525	<1	0.51	1220	690	8	1.21	<5	13	264	<20	0.70	<10
H744310		20	14.55	1415	<1	0.56	1365	660	4	0.99	<5	13	294	<20	0.69	<10
H744311		20	14.30	1460	<1	0.57	1315	690	8	1.57	<5	15	280	<20	0.76	<10
H744312		20	14.35	1380	<1	0.53	1190	670	4	0.81	<5	14	304	<20	0.74	<10
H744313		20	13.80	1350	<1	0.57	1135	680	3	1.01	<5	14	335	<20	0.74	<10
H744314		20	12.70	1370	<1	0.66	1095	760	4	1.26	<5	16	367	<20	0.85	<10
H744315		30	3.87	1560	<1	2.13	80	1650	2	0.86	<5	16	628	<20	1.92	<10
H744316		40	3.29	987	<1	2.72	28	1750	9	3.07	<5	15	464	<20	1.46	<10
H744317		20	0.19	79	<1	2.17	3	250	21	0.45	<5	2	108	<20	0.07	<10
H744318		40	0.25	95	<1	2.44	2	240	22	0.15	<5	3	101	20	0.10	<10

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Finalized Date: 19-NOV-2009
Account: MGMAM

Project: SD09-228 BL

CERTIFICATE OF ANALYSIS TB09127103

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H744309		<10	146	<10	121	0.014	0.160	0.163			
H744310		<10	145	<10	115	0.019	0.251	0.242			
H744311		<10	158	<10	118	0.015	0.1795	0.172			
H744312		<10	156	<10	110	0.011	0.1165	0.110			
H744313		<10	155	10	176	0.009	0.0993	0.091			
H744314		<10	188	<10	113	0.021	0.219	0.189			
H744315		<10	396	<10	157	0.001	0.0017	0.001			
H744316		<10	246	<10	112	0.002	0.0009	0.001			
H744317		20	8	<10	28	0.002	0.0010	0.001			
H744318		20	10	<10	15	0.002	0.0008	0.001			

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P.O. BOX 10628
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Finalized Date: 16-NOV-2009
Account: MGMAM

CERTIFICATE TB09127102

Project: SD09-229 BL

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 11-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 16-NOV-2009
Account: MGMAM

Project: SD09-229 BL

CERTIFICATE OF ANALYSIS TB09127102

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744319		4.72	<0.5	6.92	<5	900	2.5	<2	0.39	0.5	1	10	3	1.26	20	3.51
H744320		0.12	1.2	8.60	8	70	<0.5	<2	6.82	<0.5	109	436	3460	6.38	10	0.39
H744321		4.32	<0.5	6.77	<5	840	1.9	<2	0.55	<0.5	2	11	8	1.14	20	3.68
H744322		2.22	<0.5	7.69	7	530	1.9	<2	2.70	<0.5	36	4	23	7.90	20	0.76
H744323		5.99	<0.5	7.41	13	480	1.7	<2	3.19	<0.5	57	34	51	10.30	20	0.82
H744323 CRD		<0.02	<0.5	7.42	14	480	1.7	<2	3.19	<0.5	56	35	50	10.30	20	0.83
H744324		3.82	<0.5	7.39	7	800	2.0	<2	3.15	<0.5	47	13	39	8.74	20	0.95
H744325		1.87	<0.5	6.72	<5	760	1.8	<2	0.37	<0.5	3	6	5	1.31	20	3.51
H744326		1.81	<0.5	7.77	<5	370	3.2	<2	0.50	<0.5	20	106	32	4.11	20	1.73

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Finalized Date: 16-NOV-2009
Account: MGMAM

Project: SD09-229 BL

CERTIFICATE OF ANALYSIS TB09127102

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744319		80	0.31	98	<1	2.64	<1	410	41	0.57	<5	3	187	30	0.11	<10
H744320		<10	6.20	821	<1	1.10	3040	80	4	1.63	<5	16	82	<20	0.11	<10
H744321		60	0.26	106	<1	2.61	7	430	21	0.48	<5	3	183	30	0.11	<10
H744322		40	2.67	899	<1	3.65	11	1920	14	2.93	<5	16	292	<20	1.51	<10
H744323		40	3.04	1055	<1	2.96	38	1730	11	2.82	<5	16	278	<20	1.77	<10
H744323 CRD		40	3.03	1055	<1	2.97	39	1700	13	2.80	<5	16	279	<20	1.82	<10
H744324		40	2.91	1090	<1	3.02	24	1770	17	2.52	<5	16	374	<20	1.60	<10
H744325		50	0.37	125	<1	2.20	2	350	20	0.31	<5	4	147	30	0.13	<10
H744326		20	1.37	353	<1	2.64	65	700	21	0.65	<5	14	144	<20	0.31	<10

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Finalized Date: 16-NOV-2009
Account: MGMAM

Project: SD09-229 BL

CERTIFICATE OF ANALYSIS TB09127102

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H744319		10	13	<10	91	0.003	0.0005	<0.001
H744320		10	76	<10	70	0.059	0.198	0.690
H744321		10	12	<10	11	0.002	<0.0005	0.001
H744322		10	202	<10	125	0.002	<0.0005	<0.001
H744323		<10	317	<10	130	0.002	0.0008	0.001
H744323 CRD		<10	318	<10	131	0.002	0.0007	<0.001
H744324		<10	245	<10	221	0.002	0.0005	<0.001
H744325		10	18	<10	13	0.002	<0.0005	<0.001
H744326		10	110	<10	68	0.002	0.0016	0.002

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Finalized Date: 23-NOV-2009
Account: MGMAM

CERTIFICATE TB09130426

Project: SD09-230 BL

P.O. No.:

This report is for 8 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	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
ME-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 23-NOV-2009
Account: MGMAM

Project: SD09-230 BL

CERTIFICATE OF ANALYSIS TB09130426

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744327		4.79	<0.5	6.64	<5	630	1.1	<2	0.35	<0.5	<1	8	7	0.96	20	4.67
H744328		3.59	<0.5	6.73	<5	570	1.1	5	0.30	<0.5	1	8	4	1.21	20	4.63
H744329		5.07	1.6	7.27	13	190	1.6	2	3.67	<0.5	46	23	29	9.15	20	1.02
H744330		0.08	<0.5	6.48	<5	910	1.0	3	1.34	<0.5	2	20	17	1.55	10	2.12
H744331		5.58	1.6	6.90	8	170	1.4	<2	3.50	<0.5	80	82	34	13.10	20	0.70
H744332		4.35	1.0	7.45	<5	570	1.7	<2	3.09	<0.5	44	16	39	8.66	20	0.67
H744333		4.95	<0.5	6.76	<5	520	0.9	<2	0.28	<0.5	3	9	3	1.20	20	4.32
H744334		4.57	<0.5	6.78	<5	430	0.9	3	0.42	<0.5	1	7	1	0.97	20	4.77

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Finalized Date: 23-NOV-2009
Account: MGMAM

Project: SD09-230 BL

CERTIFICATE OF ANALYSIS TB09130426

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744327		30	0.35	101	<1	1.68	6	360	23	0.40	<5	3	119	20	0.09	<10
H744328		30	0.35	95	1	1.96	1	340	25	0.74	<5	3	122	20	0.10	<10
H744329		40	2.49	831	2	3.23	35	1570	34	7.16	<5	15	304	<20	1.65	<10
H744330		10	0.20	564	1	2.67	1	180	10	0.01	<5	5	175	<20	0.12	<10
H744331		40	3.37	1255	1	2.48	80	1470	28	8.58	<5	15	264	<20	2.44	<10
H744332		40	3.08	1185	<1	3.06	29	1730	15	3.24	<5	15	331	<20	1.67	<10
H744333		30	0.25	77	1	2.19	1	350	41	0.81	<5	3	117	20	0.14	<10
H744334		30	0.25	83	<1	1.95	<1	350	28	0.34	<5	3	88	20	0.10	<10

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Finalized Date: 23-NOV-2009
Account: MGMAM

Project: SD09-230 BL

CERTIFICATE OF ANALYSIS TB09130426

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H744327		10	10	<10	7	0.002	<0.0005	<0.001
H744328		10	10	<10	16	0.003	<0.0005	<0.001
H744329		<10	266	<10	96	0.002	0.0010	0.001
H744330		10	16	<10	28	0.002	<0.0005	<0.001
H744331		<10	482	<10	137	0.002	0.0009	0.001
H744332		<10	253	<10	141	0.001	0.0008	0.001
H744333		<10	13	<10	46	0.001	<0.0005	<0.001
H744334		<10	9	<10	6	0.002	0.0005	<0.001

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To: **MAGMA METALS (CANADA) LIMITED**
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Finalized Date: 1-DEC-2009
Account: MGMAM

CERTIFICATE TB09130425

Project: SD09-231 BL

P.O. No.:

This report is for 61 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 1-DEC-2009
Account: MGMAM

Project: SD09-231 BL

CERTIFICATE OF ANALYSIS TB09130425

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809612	2.19	0.6	2.98	16	130	0.7	<2	3.48	<0.5	120	2020	897	10.15	10	0.33
E809613	2.10	<0.5	6.83	<5	800	1.5	<2	0.43	<0.5	3	13	4	1.48	20	4.36
H744335	4.37	0.5	6.87	6	790	1.5	<2	0.26	<0.5	2	13	4	1.31	20	5.21
H744336	3.94	<0.5	6.61	<5	930	1.5	2	0.24	<0.5	3	13	9	1.68	20	5.17
H744337	5.32	<0.5	6.90	11	250	2.1	7	2.69	<0.5	32	13	37	7.59	20	1.40
H744338	4.55	<0.5	6.98	16	200	2.0	6	3.39	<0.5	30	3	20	7.51	20	1.45
H744339	5.29	<0.5	6.85	13	450	1.8	5	4.39	<0.5	40	4	109	8.92	20	1.36
H744340	0.12	<0.5	6.55	<5	50	<0.5	<2	4.74	<0.5	77	3370	642	6.19	10	0.15
H744341	4.48	0.7	4.97	5	110	1.1	9	5.91	<0.5	68	29	405	11.40	20	0.42
H744342	3.58	<0.5	4.33	7	60	1.0	4	7.74	<0.5	49	46	373	7.77	10	0.27
H744343	3.67	<0.5	3.96	8	60	0.9	2	7.87	<0.5	47	359	237	7.39	10	0.25
H744343 CRD	0.03	<0.5	4.04	<5	70	0.9	2	7.92	<0.5	48	368	235	7.50	10	0.26
H744344	4.52	0.5	3.83	<5	90	0.9	3	4.43	<0.5	86	1140	376	9.04	10	0.34
H744345	2.36	1.1	3.42	7	120	0.8	4	3.80	<0.5	116	1600	1550	9.87	10	0.40
H744346	2.28	2.0	2.77	22	80	0.8	4	2.93	0.5	144	1560	2850	10.45	10	0.30
H744347	2.37	2.0	2.91	5	120	0.6	2	3.37	<0.5	142	1900	2640	10.55	10	0.35
H744348	4.76	0.6	2.91	7	130	0.7	<2	3.49	<0.5	113	1920	694	9.68	10	0.36
H744349	4.76	0.6	2.94	13	120	0.7	<2	3.47	<0.5	113	1970	555	9.79	10	0.34
H744350	2.23	1.0	2.95	9	120	0.7	4	3.39	<0.5	117	1990	832	9.99	10	0.32
H744351	4.68	<0.5	3.02	8	140	0.7	<2	3.35	<0.5	114	2080	385	9.74	10	0.33
H744352	2.34	1.0	2.81	6	130	0.7	3	3.12	<0.5	126	1950	1215	10.10	10	0.36
H744353	2.47	2.0	2.48	7	100	0.6	2	2.83	<0.5	157	2200	2820	10.80	10	0.27
H744354	2.34	2.3	2.60	9	120	0.6	3	2.97	<0.5	159	2320	3280	10.90	10	0.30
H744355	2.34	2.3	2.34	10	110	0.6	3	2.84	<0.5	163	2410	3460	10.85	10	0.26
H744356	4.62	1.2	2.49	11	120	0.5	2	2.87	<0.5	132	2480	1590	10.05	10	0.30
H744357	4.73	0.9	2.57	6	140	0.6	2	2.85	<0.5	127	2460	1160	9.74	10	0.30
H744358	2.42	0.6	2.64	<5	130	0.7	2	2.90	<0.5	123	2480	728	9.70	10	0.31
H744359	2.42	1.4	2.38	19	110	0.6	2	2.75	<0.5	139	2410	2010	9.88	10	0.28
H744360	0.11	1.1	8.78	<5	70	<0.5	<2	6.94	<0.5	105	447	3520	6.52	10	0.40
H744361	4.28	0.6	2.62	19	140	0.7	2	2.85	<0.5	118	2450	687	9.38	10	0.32
H744362	2.35	1.6	2.49	9	100	0.6	<2	2.99	<0.5	156	2660	2220	10.85	10	0.25
H744363	2.42	2.0	2.68	5	110	0.6	<2	3.16	<0.5	169	2380	3230	11.40	10	0.29
H744363 CRD	0.03	2.4	2.56	<5	110	0.5	3	3.09	<0.5	169	2390	3230	11.25	10	0.27
H744364	2.31	2.1	2.77	<5	120	0.6	3	3.30	0.6	151	2380	3180	10.85	10	0.32
H744365	2.30	2.2	2.59	<5	120	0.6	4	3.06	<0.5	159	2420	3350	10.75	10	0.28
H744366	2.38	2.3	2.50	<5	120	0.5	3	3.02	0.6	179	2600	3860	11.20	10	0.25
H744367	2.41	2.6	2.51	<5	120	0.5	2	2.88	0.5	157	2680	3290	10.60	10	0.26
H744368	2.39	1.8	2.76	<5	130	0.6	<2	3.09	<0.5	140	2620	2470	10.20	10	0.32
H744369	2.43	0.9	2.72	<5	120	0.6	<2	3.23	<0.5	130	2750	879	9.93	10	0.32
H744370	0.08	<0.5	6.33	<5	920	1.0	<2	1.33	<0.5	2	31	16	1.56	10	2.05

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 1-DEC-2009
Account: MGMAM

Project: SD09-231 BL

CERTIFICATE OF ANALYSIS TB09130425

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809612		10	14.25	1415	1	0.51	1090	700	3	0.63	5	17	299	<20	0.74	<10
E809613		60	0.33	107	6	2.16	3	610	27	0.67	<5	5	139	30	0.16	<10
H744335		40	0.36	115	3	1.74	2	610	17	0.48	<5	5	175	30	0.15	<10
H744336		50	0.41	115	3	1.51	3	650	18	0.86	<5	5	154	30	0.18	<10
H744337		30	2.10	950	2	2.23	16	1520	13	4.50	6	17	382	<20	1.00	<10
H744338		30	1.95	939	<1	2.36	5	1510	12	4.30	7	15	457	<20	1.17	<10
H744339		30	2.28	1140	1	2.09	30	1260	14	4.19	<5	17	586	<20	1.31	<10
H744340		<10	9.89	1085	<1	0.77	1370	150	5	0.33	14	19	184	<20	0.11	<10
H744341		20	4.87	1175	<1	1.92	137	870	3	2.18	9	34	264	<20	1.51	<10
H744342		10	5.98	1470	<1	1.81	130	720	<2	0.76	<5	44	182	<20	1.00	<10
H744343		10	6.24	1370	<1	1.58	135	700	<2	0.71	5	42	172	<20	0.92	<10
H744343 CRD		10	6.37	1395	<1	1.62	138	710	<2	0.71	6	43	176	<20	0.96	<10
H744344		20	10.55	1460	<1	0.82	608	740	29	0.23	<5	21	252	<20	0.86	<10
H744345		20	12.25	1360	<1	0.70	1120	680	4	1.07	6	18	310	<20	0.77	<10
H744346		20	12.60	1330	<1	0.36	1670	670	5	2.42	5	16	165	<20	0.66	<10
H744347		10	13.20	1350	<1	0.58	1590	630	8	1.19	<5	16	333	<20	0.70	<10
H744348		10	13.10	1360	<1	0.54	969	660	3	0.52	6	16	330	<20	0.72	<10
H744349		10	13.70	1400	<1	0.54	952	650	2	0.44	<5	17	312	<20	0.75	<10
H744350		10	13.80	1410	<1	0.51	1060	710	<2	0.60	<5	16	304	<20	0.72	<10
H744351		10	13.70	1385	<1	0.57	946	680	<2	0.27	5	17	315	<20	0.75	<10
H744352		10	14.05	1390	<1	0.50	1270	670	2	0.43	6	16	262	<20	0.70	<10
H744353		10	14.20	1345	<1	0.38	1910	590	2	0.91	5	14	232	<20	0.61	<10
H744354		10	14.35	1380	<1	0.47	2080	570	4	1.55	<5	15	288	<20	0.63	<10
H744355		10	14.80	1345	<1	0.41	2220	550	2	1.66	5	14	277	<20	0.55	<10
H744356		10	14.65	1370	<1	0.39	1510	600	<2	0.89	<5	14	281	<20	0.62	<10
H744357		10	14.55	1345	<1	0.47	1380	580	<2	0.61	5	14	307	<20	0.63	<10
H744358		10	14.80	1355	<1	0.58	1210	630	<2	0.30	<5	14	300	<20	0.67	<10
H744359		10	14.10	1320	<1	0.48	1690	580	2	1.31	<5	13	274	<20	0.58	<10
H744360		<10	6.18	814	<1	1.17	3120	90	2	1.69	<5	16	87	<20	0.12	<10
H744361		10	14.30	1330	<1	0.56	1160	610	<2	0.64	6	14	292	<20	0.62	<10
H744362		10	14.80	1365	<1	0.46	1900	620	4	1.52	<5	14	272	<20	0.62	<10
H744363		10	15.25	1405	<1	0.57	2260	640	3	1.50	6	15	316	<20	0.67	<10
H744363 CRD		10	15.05	1380	<1	0.54	2270	620	3	1.51	7	15	300	<20	0.66	<10
H744364		10	14.35	1355	<1	0.59	2060	650	4	1.14	7	15	333	<20	0.70	<10
H744365		10	14.15	1320	<1	0.61	2270	620	8	1.27	5	14	307	<20	0.67	<10
H744366		20	14.50	1330	<1	0.61	2640	620	8	1.23	<5	14	312	<20	0.63	<10
H744367		20	14.80	1335	<1	0.65	2280	580	7	0.93	<5	14	307	<20	0.65	<10
H744368		20	14.80	1360	<1	0.71	1890	620	5	0.66	<5	15	334	<20	0.69	<10
H744369		20	15.10	1390	<1	0.65	1410	640	<2	0.65	<5	15	321	<20	0.65	<10
H744370		10	0.22	577	<1	2.62	5	190	5	<0.01	<5	5	176	<20	0.12	<10

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Finalized Date: 1-DEC-2009
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Project: SD09-231 BL

CERTIFICATE OF ANALYSIS TB09130425

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
E809612		<10	161	<10	107	0.023	0.340	0.312			
E809613		<10	16	<10	11	0.002	0.0006	0.001			
H744335		<10	12	<10	20	0.002	0.0007	0.001			
H744336		10	19	<10	17	0.002	0.0030	0.004			
H744337		10	225	<10	52	0.002	<0.0005	<0.001			
H744338		10	223	<10	58	0.002	<0.0005	<0.001			
H744339		10	328	<10	67	0.003	<0.0005	0.001			
H744340		<10	110	<10	275	0.103	>1.00	0.549	0.11	1.18	0.55
H744341		10	481	<10	103	0.004	0.0047	0.002			
H744342		<10	259	<10	82	0.005	0.0110	0.002			
H744343		10	236	<10	70	0.007	0.0214	0.006			
H744343 CRD		10	241	<10	70	0.007	0.0218	0.007			
H744344		<10	183	<10	142	0.011	0.108	0.098			
H744345		<10	168	<10	104	0.034	0.513	0.491			
H744346		<10	153	<10	104	0.061	0.978	0.944			
H744347		<10	150	<10	109	0.061	0.887	0.859			
H744348		<10	158	<10	102	0.017	0.232	0.214			
H744349		<10	159	<10	103	0.012	0.175	0.160			
H744350		<10	160	<10	106	0.025	0.342	0.317			
H744351		<10	162	<10	103	0.011	0.141	0.126			
H744352		<10	152	<10	107	0.034	0.515	0.488			
H744353		<10	139	<10	104	0.064	>1.00	0.994	0.07	1.07	1.07
H744354		<10	146	<10	106	0.085	>1.00	>1.00	0.08	1.26	1.24
H744355		<10	134	<10	104	0.095	>1.00	>1.00	0.09	1.40	1.37
H744356		<10	142	<10	102	0.045	0.707	0.653			
H744357		<10	137	<10	99	0.031	0.490	0.456			
H744358		<10	139	<10	99	0.020	0.316	0.292			
H744359		<10	133	<10	98	0.060	0.965	0.910			
H744360		10	78	<10	67	0.058	0.204	0.707			
H744361		<10	135	<10	98	0.022	0.340	0.304			
H744362		<10	141	<10	106	0.058	0.970	0.919			
H744363		<10	144	<10	108	0.085	>1.00	>1.00	0.08	1.36	1.32
H744363 CRD		<10	139	<10	105	0.086	>1.00	>1.00	0.08	1.32	1.28
H744364		10	148	<10	105	0.088	>1.00	>1.00	0.09	1.35	1.28
H744365		<10	139	<10	102	0.093	>1.00	>1.00	0.09	1.47	1.42
H744366		<10	136	<10	107	0.101	>1.00	>1.00	0.09	1.59	1.55
H744367		<10	135	<10	105	0.092	>1.00	>1.00	0.09	1.45	1.35
H744368		<10	144	<10	105	0.079	>1.00	>1.00	0.07	1.13	1.03
H744369		<10	144	<10	107	0.027	0.395	0.354			
H744370		<10	16	<10	27	0.002	0.0009	0.001			

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CERTIFICATE OF ANALYSIS TB09130425

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744371		4.94	1.6	2.69	<5	120	0.6	2	3.16	<0.5	141	2530	2190	10.10	10	0.30
H744372		4.69	0.7	2.89	5	150	0.6	<2	3.18	<0.5	119	2510	992	9.41	10	0.32
H744373		4.54	1.0	3.37	<5	160	0.7	<2	3.74	<0.5	124	2310	2000	9.80	10	0.36
H744374		2.24	2.6	3.26	8	130	0.6	<2	3.44	0.5	170	2080	4680	11.15	10	0.33
H744375		2.42	4.2	3.34	7	160	0.7	9	3.50	1.0	211	1810	7710	12.40	10	0.36
H744376		2.46	2.7	3.67	<5	140	0.7	5	3.75	0.5	151	1905	4350	11.00	10	0.30
H744377		2.53	1.8	3.54	<5	130	0.7	<2	3.67	<0.5	135	2270	2080	10.55	10	0.29
H744378		2.39	0.6	3.27	<5	120	0.6	<2	3.27	<0.5	115	2020	1185	9.37	10	0.26
H744379		2.28	1.3	3.18	<5	130	0.6	5	2.85	<0.5	154	2610	1890	11.15	10	0.32
H744380		0.10	<0.5	7.00	<5	60	<0.5	<2	5.05	<0.5	83	3550	693	6.63	10	0.16
H744381		2.26	1.8	2.59	<5	120	0.6	<2	2.33	<0.5	131	2070	2400	9.54	10	0.32
H744382		4.98	<0.5	2.30	<5	90	<0.5	<2	2.03	<0.5	93	1675	730	7.56	10	0.21
H744383		4.81	<0.5	3.00	7	120	0.7	<2	2.66	<0.5	122	1975	431	9.24	10	0.34
H744383 CRD		0.03	<0.5	3.31	<5	130	0.7	<2	2.84	<0.5	120	2100	431	10.00	10	0.35
H744384		1.99	<0.5	3.19	<5	130	0.6	<2	2.68	<0.5	126	1785	510	10.10	10	0.31
H744385		1.58	1.8	3.47	<5	140	0.7	<2	2.48	<0.5	166	1745	2530	12.10	10	0.29
H744386		4.69	<0.5	4.93	<5	490	1.1	<2	3.01	<0.5	110	1020	112	11.55	20	0.49
H744387		4.40	<0.5	6.78	5	1320	1.4	<2	0.41	<0.5	3	24	2	1.33	20	4.32
H744388		3.17	<0.5	6.95	<5	1200	1.4	<2	0.53	<0.5	3	17	3	1.83	20	4.16
H744389		0.79	<0.5	7.24	9	100	2.1	<2	3.87	<0.5	34	15	24	8.07	20	0.75
H744390		1.97	<0.5	6.67	<5	810	1.4	<2	0.42	<0.5	3	15	1	1.43	20	4.09

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Project: SD09-231 BL

CERTIFICATE OF ANALYSIS TB09130425

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744371		20	14.20	1315	<1	0.65	1880	660	4	1.05	<5	15	333	<20	0.65	<10
H744372		20	13.45	1300	<1	0.62	1360	680	2	0.59	<5	15	337	<20	0.71	<10
H744373		20	12.55	1315	<1	0.67	1600	790	5	1.24	<5	17	389	<20	0.77	<10
H744374		20	12.30	1340	<1	0.67	2870	770	<2	2.84	<5	17	338	<20	0.73	<10
H744375		20	11.35	1260	<1	0.81	4380	720	11	4.17	<5	16	375	<20	0.72	<10
H744376		20	12.00	1335	<1	0.81	2500	770	6	1.28	<5	17	367	<20	0.89	<10
H744377		20	13.10	1355	<1	0.70	1770	790	<2	0.80	<5	17	366	<20	0.92	<10
H744378		20	12.00	1250	<1	0.67	1360	700	2	0.51	<5	15	327	<20	0.85	<10
H744379		20	14.20	1395	<1	0.67	1830	710	2	0.87	<5	13	335	<20	0.81	<10
H744380		10	10.50	1170	<1	0.76	1510	160	3	0.33	7	20	194	<20	0.12	<10
H744381		20	11.60	1170	<1	0.54	1800	580	4	1.99	<5	11	259	<20	0.64	<10
H744382		10	10.00	989	<1	0.50	998	520	3	0.59	<5	10	234	<20	0.57	<10
H744383		20	12.40	1255	<1	0.63	1190	650	6	1.18	<5	13	299	<20	0.82	<10
H744383 CRD		20	13.35	1365	<1	0.72	1180	720	3	1.35	<5	14	326	<20	0.83	<10
H744384		20	13.95	1405	<1	0.65	1280	740	<2	0.83	<5	13	327	<20	0.82	<10
H744385		20	12.15	1455	<1	0.75	2100	760	7	1.42	<5	13	361	<20	0.88	<10
H744386		30	10.10	1480	<1	1.18	628	1160	6	0.76	<5	14	524	<20	1.37	<10
H744387		50	0.37	104	4	1.58	7	610	13	0.63	<5	5	225	30	0.15	<10
H744388		50	0.43	103	3	2.09	6	670	30	1.22	<5	5	178	30	0.22	<10
H744389		50	2.66	671	3	2.41	20	1740	11	5.06	<5	15	128	<20	1.31	<10
H744390		60	0.31	105	26	2.03	4	630	25	0.63	<5	5	136	30	0.17	<10

***** See Appendix Page for comments regarding this certificate *****

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 1-DEC-2009
Account: MGMAM

Project: SD09-231 BL

CERTIFICATE OF ANALYSIS TB09130425

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744371		<10	143	<10	102	0.068	>1.00	>1.00	0.06	1.08	1.00
H744372		<10	153	<10	102	0.032	0.492	0.450			
H744373		<10	170	<10	104	0.062	0.919	0.856			
H744374		<10	164	<10	107	0.127	>1.00	>1.00	0.12	2.07	1.91
H744375		<10	164	<10	109	0.185	>1.00	>1.00	0.18	3.38	3.22
H744376		<10	184	<10	108	0.158	>1.00	>1.00	0.12	1.99	1.80
H744377		<10	184	<10	106	0.061	0.915	0.814			
H744378		<10	172	<10	99	0.034	0.503	0.449			
H744379		<10	158	<10	118	0.050	0.731	0.688			
H744380		10	115	<10	303	0.102	>1.00	0.597	NSS	NSS	NSS
H744381		<10	129	<10	104	0.071	>1.00	>1.00	0.06	1.21	1.10
H744382		<10	112	<10	78	0.031	0.388	0.358			
H744383		<10	160	<10	115	0.012	0.151	0.138			
H744383 CRD		<10	162	<10	117	0.012	0.139	0.134			
H744384		<10	152	<10	107	0.015	0.159	0.147			
H744385		<10	173	<10	129	0.057	0.717	0.708			
H744386		<10	243	<10	135	0.003	0.0155	0.014			
H744387		<10	15	<10	5	0.002	0.0014	0.001			
H744388		<10	27	<10	21	0.002	0.0012	0.001			
H744389		<10	188	<10	67	0.001	0.0027	0.002			
H744390		<10	16	<10	8	0.001	0.0008	0.001			

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 1-DEC-2009
Account: MGMAM

Project: SD09-231 BL

CERTIFICATE OF ANALYSIS TB09130425

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

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

Finalized Date: 2-DEC-2009
Account: MGMAM

CERTIFICATE TB09130427

Project: SD09-232 BL

P.O. No.:

This report is for 29 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 2-DEC-2009
Account: MGMAM

Project: SD09-232 BL

CERTIFICATE OF ANALYSIS TB09130427

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744391		3.93	0.6	6.79	5	1230	1.2	<2	0.21	<0.5	2	11	2	1.90	20	4.90
H744392		3.89	0.8	6.80	6	1120	1.0	<2	0.36	0.5	1	12	12	1.93	20	4.84
H744393		4.54	<0.5	4.61	16	180	1.0	<2	4.92	<0.5	77	1235	252	8.54	10	0.42
H744394		4.39	<0.5	3.78	14	200	0.9	<2	4.25	0.5	96	1975	388	9.16	10	0.48
H744395		4.29	<0.5	3.77	18	120	0.8	<2	3.85	<0.5	96	1970	402	9.23	10	0.47
H744396		2.29	0.7	3.58	8	110	0.7	<2	3.69	0.5	115	2010	1255	10.00	10	0.38
H744397		2.23	1.3	3.67	<5	130	0.7	<2	3.76	<0.5	127	1900	2260	10.40	10	0.32
H744398		2.27	0.8	3.65	<5	140	0.6	<2	3.74	<0.5	111	1895	1375	9.63	10	0.27
H744399		2.29	0.8	3.82	7	170	0.7	<2	3.86	<0.5	102	1820	821	9.20	10	0.33
H744400		0.10	0.7	8.39	6	70	<0.5	<2	6.43	<0.5	95	412	3420	6.07	10	0.35
H744401		2.35	<0.5	3.89	<5	210	0.8	<2	3.76	<0.5	107	1765	897	9.39	10	0.37
H744402		2.27	0.9	3.71	<5	230	0.7	<2	3.22	<0.5	122	1900	1835	10.00	10	0.25
H744403		2.36	4.7	3.52	9	500	0.7	<2	3.05	1.0	158	1650	6980	11.00	10	0.21
H744403 CRD		0.02	5.5	3.61	<5	510	0.7	<2	3.13	0.8	162	1740	7430	11.35	10	0.21
H744404		3.66	<0.5	6.81	<5	890	1.3	<2	0.54	<0.5	5	21	90	1.76	20	5.31
H744405		3.34	<0.5	6.72	<5	860	1.5	<2	0.29	<0.5	2	20	25	1.53	20	5.13
H744406		2.95	<0.5	6.49	6	810	1.2	<2	0.51	<0.5	3	22	16	1.96	10	4.59
H744407		1.85	<0.5	4.78	7	150	1.2	<2	4.98	<0.5	80	1325	207	8.71	20	0.36
H744408		4.46	1.0	6.70	14	960	1.3	<2	0.42	<0.5	6	24	22	2.01	20	4.90
H744409		4.28	<0.5	6.80	7	1150	1.3	<2	0.38	<0.5	3	17	10	1.63	20	5.14
H744410		0.08	<0.5	6.51	<5	940	1.0	<2	1.33	<0.5	3	22	17	1.56	10	2.11
H744411		3.57	<0.5	4.02	22	130	1.0	2	3.25	<0.5	102	1910	233	9.46	10	0.37
H744412		2.79	0.6	3.94	9	210	0.7	3	2.84	<0.5	124	2070	949	11.05	10	0.32
H744413		5.16	1.0	6.52	20	270	1.5	7	3.87	<0.5	75	91	37	13.45	30	0.59
H744414		4.18	0.5	7.36	18	220	1.9	2	4.34	<0.5	41	14	30	8.58	20	0.54
H744415		0.11	0.6	6.97	<5	60	<0.5	2	4.88	<0.5	79	3370	697	6.44	10	0.15
H744416		3.75	1.1	6.67	14	1460	1.2	2	0.51	4.4	3	9	5	1.70	20	4.31
H744417		4.09	0.8	6.67	<5	730	1.3	3	0.61	1.9	2	13	3	1.58	20	4.08
H744418		2.99	1.4	6.98	13	630	1.6	<2	0.97	4.2	7	11	7	2.80	20	3.68

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

Finalized Date: 2-DEC-2009
Account: MGMAM

Project: SD09-232 BL

CERTIFICATE OF ANALYSIS TB09130427

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744391		50	0.25	123	2	1.62	5	650	14	1.56	<5	4	128	30	0.09	<10
H744392		40	0.29	156	2	2.11	6	670	38	1.38	<5	5	119	30	0.12	<10
H744393		30	9.57	1425	<1	1.00	588	1010	51	0.94	<5	23	420	<20	1.03	<10
H744394		20	11.80	1360	<1	0.72	885	840	<2	1.04	6	19	371	<20	0.84	<10
H744395		20	11.95	1315	<1	0.58	908	810	2	1.54	5	19	245	<20	0.78	<10
H744396		20	12.35	1395	1	0.62	1285	830	4	1.40	6	19	284	<20	0.81	<10
H744397		20	12.10	1340	3	0.71	1570	690	6	1.26	<5	17	372	<20	0.84	<10
H744398		20	11.65	1300	<1	0.73	1250	830	8	0.83	6	17	404	<20	0.89	<10
H744399		20	11.00	1270	<1	0.80	1025	880	3	0.58	<5	17	445	<20	0.89	<10
H744400		10	5.75	774	1	1.05	2840	90	3	1.62	<5	15	84	<20	0.11	<10
H744401		20	11.45	1280	1	0.90	1100	770	3	0.45	9	17	435	<20	0.90	<10
H744402		20	11.55	1290	2	0.50	1510	800	7	1.98	<5	17	233	<20	0.75	<10
H744403		20	10.75	1265	2	0.55	2740	700	8	3.64	<5	17	165	<20	0.69	<10
H744403 CRD		20	11.00	1285	1	0.56	2830	730	14	3.79	<5	17	170	<20	0.71	<10
H744404		70	0.47	184	2	1.49	83	620	10	0.90	<5	5	96	30	0.12	<10
H744405		50	0.39	140	2	1.50	14	590	9	0.77	<5	5	122	30	0.12	<10
H744406		40	0.43	162	3	1.87	10	590	4	1.17	<5	5	105	30	0.13	<10
H744407		30	8.71	1425	<1	0.99	601	850	10	0.93	<5	21	252	<20	1.05	<10
H744408		50	0.46	146	2	1.77	14	620	13	1.24	<5	5	124	30	0.14	<10
H744409		50	0.41	135	2	1.66	9	600	17	1.08	<5	5	153	30	0.14	<10
H744410		10	0.20	583	<1	2.76	4	200	7	0.01	<5	5	175	<20	0.12	<10
H744411		20	11.55	1460	<1	0.62	841	710	13	1.67	<5	17	216	<20	0.91	<10
H744412		20	11.85	1490	<1	0.57	1280	820	6	1.87	<5	17	226	<20	1.07	<10
H744413		30	3.97	1305	<1	2.06	89	1380	34	6.21	<5	14	165	<20	2.34	<10
H744414		40	3.73	1115	<1	2.82	25	1690	12	3.13	<5	15	100	<20	1.64	<10
H744415		10	10.25	1145	<1	0.78	1420	160	5	0.33	18	20	186	<20	0.12	<10
H744416		50	0.32	111	1	2.01	5	590	41	1.35	<5	5	115	30	0.12	<10
H744417		60	0.30	104	2	2.07	6	610	32	1.12	<5	5	96	30	0.12	<10
H744418		60	0.64	208	2	2.12	5	760	71	1.82	<5	7	96	30	0.35	<10

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

Finalized Date: 2-DEC-2009
Account: MGMAM

Project: SD09-232 BL

CERTIFICATE OF ANALYSIS TB09130427

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744391		<10	12	<10	69	0.002	0.0011	0.001			
H744392		<10	15	<10	146	0.002	0.0086	0.001			
H744393		<10	213	<10	117	0.007	0.0860	0.070			
H744394		<10	185	<10	104	0.011	0.164	0.137			
H744395		<10	185	<10	109	0.011	0.199	0.165			
H744396		<10	188	<10	108	0.031	0.609	0.532			
H744397		<10	180	<10	107	0.061	>1.00	>1.00	0.06	0.99	0.91
H744398		<10	179	<10	102	0.035	0.653	0.580			
H744399		<10	185	<10	101	0.017	0.302	0.262			
H744400		10	74	<10	66	0.053	0.216	0.761			
H744401		<10	179	<10	105	0.018	0.339	0.292			
H744402		<10	180	<10	102	0.042	0.819	0.723			
H744403		<10	177	<10	108	0.212	>1.00	>1.00	0.22	3.08	2.70
H744403 CRD		<10	183	<10	113	0.209	>1.00	>1.00	0.22	3.13	2.73
H744404		<10	14	<10	15	0.010	0.189	0.153			
H744405		<10	13	<10	15	0.003	0.0089	0.008			
H744406		<10	14	<10	30	0.002	0.0060	0.005			
H744407		<10	219	<10	118	0.004	0.0364	0.028			
H744408		<10	16	<10	15	0.002	0.0019	0.001			
H744409		<10	15	<10	15	0.002	0.0021	0.002			
H744410		<10	16	<10	29	0.001	0.0007	<0.001			
H744411		<10	188	<10	109	0.005	0.0558	0.049			
H744412		<10	225	<10	123	0.015	0.232	0.200			
H744413		<10	464	<10	167	0.001	0.0014	0.002			
H744414		<10	230	<10	134	0.001	0.0009	0.001			
H744415		<10	115	<10	296	0.101	>1.00	0.561	0.09	1.03	0.50
H744416		<10	14	<10	841	0.001	0.0007	<0.001			
H744417		<10	15	<10	291	0.001	0.0011	0.001			
H744418		<10	46	<10	543	0.001	<0.0005	<0.001			

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

Finalized Date: 28-NOV-2009
Account: MGMAM

CERTIFICATE TB09131516

Project: SD09-233 BL

P.O. No.:

This report is for 11 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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
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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 28-NOV-2009
Account: MGMAM

Project: SD09-233 BL

CERTIFICATE OF ANALYSIS TB09131516

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744419		3.96	<0.5	5.98	5	420	1.6	<2	0.42	<0.5	2	5	3	1.08	10	4.02
H744420		0.11	1.0	8.36	5	70	<0.5	<2	6.47	<0.5	97	418	3300	6.24	<10	0.37
H744421		5.11	0.8	6.58	5	400	1.7	6	0.69	<0.5	7	5	8	2.52	20	3.56
H744422		4.58	<0.5	6.24	8	500	1.3	2	0.37	<0.5	3	7	3	1.31	10	4.19
H744423		3.23	1.4	7.04	7	370	1.7	8	3.48	0.6	33	5	23	8.18	10	0.46
H744423 CRD		<0.02	1.4	7.03	11	350	1.7	10	3.59	0.8	32	5	24	8.17	10	0.46
H744424		0.90	<0.5	5.95	<5	1230	0.9	4	0.24	<0.5	2	9	3	1.22	10	5.78
H744425		5.04	<0.5	7.42	13	430	1.9	<2	3.11	<0.5	50	22	33	9.58	30	1.04
H744426		5.60	<0.5	7.67	10	440	1.8	<2	3.28	<0.5	45	17	32	9.28	30	1.10
H744427		4.56	<0.5	6.30	<5	440	1.3	4	0.30	<0.5	3	16	<1	1.11	20	4.38
H744428		4.41	<0.5	6.20	<5	380	1.2	<2	0.40	<0.5	2	6	<1	1.06	20	4.31

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

Finalized Date: 28-NOV-2009
Account: MGMAM

Project: SD09-233 BL

CERTIFICATE OF ANALYSIS TB09131516

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744419		10	0.24	85	<1	2.02	2	280	31	0.73	<5	2	96	<20	0.10	<10
H744420		<10	5.72	766	2	1.10	2880	90	3	1.51	9	15	87	<20	0.11	<10
H744421		20	0.88	231	1	1.86	6	540	27	1.14	5	5	95	20	0.39	<10
H744422		30	0.30	98	<1	2.08	2	260	26	0.88	<5	3	107	20	0.14	<10
H744423		30	2.30	682	2	3.53	12	1720	19	6.43	9	15	179	<20	1.40	<10
H744423 CRD		40	2.29	675	2	3.53	13	1710	18	6.83	10	14	183	<20	1.39	<10
H744424		20	0.30	118	1	1.09	1	280	27	0.68	<5	3	174	<20	0.08	<10
H744425		40	3.12	1350	<1	3.25	33	1740	20	2.50	<5	15	270	<20	1.91	<10
H744426		40	3.16	1405	<1	3.35	27	1850	11	1.78	<5	16	247	<20	1.85	<10
H744427		30	0.20	69	1	2.12	2	360	26	0.72	<5	3	99	20	0.10	<10
H744428		30	0.22	84	<1	2.14	2	310	24	0.50	<5	3	99	20	0.09	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 28-NOV-2009
Account: MGMAM

Project: SD09-233 BL

CERTIFICATE OF ANALYSIS TB09131516

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23
	Analyte	U	V	W	Zn	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001
H744419		20	10	<10	86	<0.001	0.0005	<0.001
H744420		10	73	<10	69	0.053	0.213	0.806
H744421		10	47	<10	51	0.001	0.0007	0.001
H744422		10	11	<10	43	0.001	0.0005	0.001
H744423		10	181	<10	96	0.001	0.0008	0.001
H744423 CRD		10	178	<10	101	0.004	0.0008	0.001
H744424		10	6	<10	25	0.001	0.0014	0.001
H744425		<10	304	<10	158	0.001	0.0005	<0.001
H744426		<10	280	<10	155	0.001	0.0005	<0.001
H744427		10	5	<10	28	0.001	<0.0005	<0.001
H744428		10	5	<10	5	<0.001	0.0008	0.001

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

Finalized Date: 4-DEC-2009
Account: MGMAM

CERTIFICATE TB09131517

Project: SD09-234 BL

P.O. No.:

This report is for 12 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 19-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	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-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 4-DEC-2009
Account: MGMAM

Project: SD09-234 BL

CERTIFICATE OF ANALYSIS TB09131517

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H744429		4.52	<0.5	6.60	<5	760	1.5	<2	0.16	<0.5	2	7	<1	1.08	20	4.70
H744430		0.09	<0.5	6.15	<5	900	1.0	<2	1.33	<0.5	3	21	18	1.57	10	2.10
H744431		2.29	<0.5	6.75	<5	1040	1.4	<2	0.16	<0.5	2	5	<1	1.22	20	5.20
H744432		4.59	<0.5	6.62	<5	820	2.1	<2	0.17	<0.5	2	10	<1	1.06	20	4.84
H744433		4.48	<0.5	6.55	<5	780	1.5	2	0.21	<0.5	1	5	<1	1.00	20	4.54
H744434		4.49	<0.5	6.33	5	1200	1.4	2	0.22	<0.5	2	6	<1	1.10	20	4.79
H744435		4.47	<0.5	6.04	20	520	1.5	<2	4.07	<0.5	53	388	110	8.46	20	0.77
H744436		5.00	<0.5	6.81	15	370	1.6	<2	3.19	<0.5	65	56	41	12.05	30	0.66
H744437		4.32	<0.5	7.29	7	1110	1.9	<2	2.60	<0.5	49	22	42	9.51	20	0.90
H744438		4.55	<0.5	6.53	<5	670	1.6	<2	0.40	<0.5	2	6	<1	0.99	20	4.35
H744439		4.07	<0.5	6.51	5	580	1.9	<2	0.41	<0.5	1	7	<1	1.03	20	4.23
H744440		0.11	<0.5	6.65	<5	60	<0.5	<2	4.91	<0.5	77	3420	644	6.32	10	0.16

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

Finalized Date: 4-DEC-2009
Account: MGMAM

Project: SD09-234 BL

CERTIFICATE OF ANALYSIS TB09131517

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744429		30	0.25	91	1	2.02	2	350	18	0.43	<5	3	123	20	0.08	10
H744430		10	0.21	577	1	2.69	2	190	4	<0.01	<5	5	175	<20	0.12	10
H744431		30	0.24	73	<1	1.80	1	370	14	0.65	<5	3	129	20	0.09	<10
H744432		20	0.27	107	<1	1.86	1	380	11	0.35	<5	4	132	20	0.09	10
H744433		30	0.27	99	3	2.13	1	370	20	0.43	<5	3	140	20	0.09	<10
H744434		30	0.26	84	2	2.02	2	380	23	0.63	<5	4	188	20	0.11	10
H744435		30	4.73	1245	1	2.27	191	1230	23	3.12	<5	19	263	<20	1.39	<10
H744436		40	3.31	961	2	2.27	59	1950	13	6.16	<5	15	229	<20	1.94	<10
H744437		40	3.34	1290	<1	2.75	28	1830	5	2.45	<5	15	345	<20	1.75	<10
H744438		30	0.23	79	1	2.29	2	360	23	0.37	<5	3	131	20	0.11	<10
H744439		30	0.20	92	1	2.24	1	350	20	0.26	<5	3	125	20	0.10	<10
H744440		10	9.88	1150	1	0.79	1380	150	3	0.32	9	19	184	<20	0.12	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 4-DEC-2009
Account: MGMAM

Project: SD09-234 BL

CERTIFICATE OF ANALYSIS TB09131517

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H744429		10	9	<10	7	0.001	0.0008	0.001			
H744430		10	15	<10	29	0.001	0.0007	0.001			
H744431		<10	9	<10	5	0.001	<0.0005	<0.001			
H744432		10	8	<10	7	0.001	<0.0005	<0.001			
H744433		10	8	<10	10	<0.001	<0.0005	<0.001			
H744434		10	10	<10	11	0.001	0.0008	0.001			
H744435		<10	250	<10	131	0.004	0.0226	0.018			
H744436		<10	391	<10	112	0.001	0.0009	0.001			
H744437		<10	285	<10	130	0.001	0.0010	0.001			
H744438		<10	11	<10	7	<0.001	<0.0005	<0.001			
H744439		<10	9	<10	7	0.001	<0.0005	<0.001			
H744440		<10	111	<10	292	0.104	>1.00	0.568	0.10	1.23	0.56

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

Finalized Date: 4-DEC-2009
Account: MGMAM

CERTIFICATE TB09133410

Project: SD09-235 BL

P.O. No.:

This report is for 52 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: **MAGMA METALS (CANADA) LIMITED**
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Finalized Date: 4-DEC-2009
Account: MGMAM

Project: SD09-235 BL

CERTIFICATE OF ANALYSIS TB09133410

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
E809614		1.08	2.2	2.65	14	90	0.6	2	2.32	1.0	184	2450	4820	11.60	10	0.17
H744441		4.45	<0.5	6.78	<5	1420	1.4	2	0.17	<0.5	1	14	5	1.01	20	4.43
H744442		4.49	0.5	6.70	8	1210	1.5	<2	0.16	<0.5	2	8	5	1.35	20	5.02
H744443		3.70	<0.5	5.02	9	2350	1.5	<2	7.20	<0.5	45	407	192	7.24	20	0.56
H744443 CRD		0.02	<0.5	5.17	11	2280	1.6	<2	6.97	0.5	47	418	184	7.50	20	0.59
H744444		5.34	0.5	3.79	50	300	1.0	<2	4.70	<0.5	95	973	392	9.50	10	0.19
H744445		4.72	1.8	3.49	24	230	1.0	<2	3.66	<0.5	159	1695	3410	11.15	10	0.31
H744446		4.53	1.3	3.45	20	250	0.9	<2	3.57	<0.5	127	1430	2290	10.30	10	0.31
H744447		4.50	1.7	3.00	6	140	0.8	<2	3.39	0.5	131	1780	2490	10.25	10	0.29
H744448		4.64	1.6	2.99	12	150	0.8	<2	3.31	<0.5	140	1990	2160	10.60	10	0.33
H744449		2.36	1.3	3.20	5	170	0.8	<2	3.55	<0.5	134	1915	1590	10.30	10	0.35
H744450		0.10	<0.5	7.98	<5	60	<0.5	<2	6.25	<0.5	96	414	3120	5.86	10	0.36
H744451		2.28	1.4	2.90	9	110	0.7	<2	3.12	0.7	159	1950	3660	11.05	10	0.29
H744452		4.66	<0.5	2.85	<5	120	0.6	2	3.30	<0.5	129	1950	1445	10.20	10	0.26
H744453		4.57	<0.5	2.70	<5	110	0.5	<2	3.18	<0.5	135	2090	1570	10.05	10	0.23
H744454		4.70	1.0	2.87	9	100	0.6	4	3.11	0.6	147	2970	3140	10.65	10	0.25
H744455		2.25	<0.5	2.96	6	150	0.6	3	3.20	<0.5	124	3090	1600	9.64	10	0.28
H744456		2.31	2.1	2.39	<5	110	0.5	2	2.58	0.9	228	2720	5650	12.55	10	0.21
H744457		2.38	1.6	1.96	5	90	<0.5	3	2.09	1.0	302	2200	7490	14.85	10	0.16
H744458		2.39	3.9	1.88	10	80	<0.5	10	2.34	1.1	394	2140	>10000	17.25	10	0.15
H744459		2.57	2.7	1.87	7	90	<0.5	<2	2.20	1.0	445	1870	>10000	18.35	10	0.19
H744460		0.07	<0.5	6.44	5	920	1.0	3	1.32	<0.5	3	32	41	1.61	10	2.10
H744461		2.52	3.2	1.79	7	90	<0.5	2	2.25	1.0	382	2160	>10000	16.90	10	0.18
H744462		2.47	3.9	2.08	8	90	<0.5	5	2.50	1.2	350	2300	>10000	16.20	10	0.18
H744463		2.42	3.9	1.87	<5	90	<0.5	<2	2.33	1.5	366	2340	>10000	16.95	10	0.15
H744463 CRD		0.02	3.5	1.78	5	80	<0.5	10	2.24	1.4	358	2310	>10000	16.30	10	0.14
H744464		2.42	5.0	2.12	5	60	<0.5	<2	2.28	1.6	260	2480	9570	14.05	10	0.13
H744465		2.33	5.6	2.28	<5	70	<0.5	2	2.29	1.8	220	2800	9270	13.15	10	0.14
H744466		2.34	5.6	2.03	<5	80	<0.5	<2	2.01	1.5	200	2340	8470	12.10	10	0.12
H744467		2.37	4.7	2.19	15	80	<0.5	3	2.15	1.2	214	2420	7790	12.75	10	0.14
H744468		2.33	4.5	2.32	<5	100	<0.5	5	2.35	1.3	209	2530	7330	12.50	10	0.18
H744469		2.33	4.8	2.24	22	70	<0.5	<2	2.18	1.2	191	2510	7260	12.05	10	0.14
H744470		0.10	<0.5	7.02	<5	60	<0.5	<2	4.95	<0.5	80	3420	672	6.45	10	0.16
H744471		2.30	3.1	2.51	28	90	0.5	<2	2.39	1.1	171	2640	5160	11.45	10	0.17
H744472		2.36	3.9	2.54	13	90	0.5	<2	2.38	0.8	164	2870	5090	11.10	10	0.21
H744473		2.39	2.5	2.08	<5	90	<0.5	<2	1.98	0.8	233	2850	5720	12.75	10	0.17
H744474		2.42	1.1	2.06	10	80	<0.5	6	1.78	<0.5	319	2580	6810	15.45	10	0.16
H744475		2.33	1.0	2.26	<5	100	0.5	<2	1.86	0.8	245	2800	5790	13.75	10	0.18
H744476		2.33	2.7	2.54	25	120	0.6	<2	2.11	1.1	236	2470	7100	13.55	10	0.25
H744477		2.36	9.0	2.63	<5	100	<0.5	<2	2.38	2.3	207	2790	>10000	13.15	10	0.17

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

Finalized Date: 4-DEC-2009
Account: MGMAM

Project: SD09-235 BL

CERTIFICATE OF ANALYSIS TB09133410

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809614		20	13.25	1335	1	0.41	2790	550	34	2.68	<5	13	238	<20	0.62	<10
H744441		40	0.27	95	1	1.85	3	260	19	0.56	<5	4	170	20	0.08	<10
H744442		40	0.34	135	16	1.86	4	260	11	0.84	<5	3	140	30	0.11	<10
H744443		30	5.71	2270	2	1.61	161	1040	20	0.98	<5	27	412	<20	1.14	10
H744443 CRD		30	5.92	2310	1	1.66	162	1080	19	0.91	6	28	421	<20	1.20	<10
H744444		20	12.35	1650	1	0.55	648	860	22	2.30	<5	20	211	<20	0.80	<10
H744445		20	12.35	1480	1	0.65	1700	760	14	2.36	6	18	296	<20	0.77	10
H744446		20	12.95	1480	1	0.52	1310	730	9	1.55	<5	18	250	<20	0.80	<10
H744447		20	13.10	1400	2	0.55	1440	700	6	1.01	6	17	249	<20	0.75	<10
H744448		20	14.05	1450	1	0.54	1550	630	6	0.90	5	16	283	<20	0.75	10
H744449		10	13.85	1430	1	0.62	1360	640	7	0.53	<5	16	317	<20	0.80	<10
H744450		10	5.47	752	2	1.06	2730	80	4	1.44	<5	14	76	<20	0.11	<10
H744451		20	12.55	1320	1	0.60	1910	540	7	1.34	<5	16	254	<20	0.70	<10
H744452		20	13.25	1370	1	0.47	1240	680	3	0.55	<5	17	287	<20	0.73	<10
H744453		20	13.55	1330	1	0.39	1470	660	5	0.49	<5	17	279	<20	0.69	<10
H744454		20	14.05	1370	1	0.49	1880	660	7	1.06	<5	16	300	<20	0.67	<10
H744455		20	13.90	1325	1	0.55	1420	700	3	0.50	<5	17	331	<20	0.72	<10
H744456		20	12.65	1225	1	0.50	3460	530	10	2.40	<5	14	237	<20	0.60	<10
H744457		20	13.15	1245	1	0.39	4620	410	11	3.46	<5	13	195	<20	0.51	<10
H744458		20	11.65	1230	1	0.34	6680	420	12	4.84	<5	14	190	<20	0.50	<10
H744459		20	10.60	1190	1	0.44	7720	370	12	7.01	<5	12	205	<20	0.45	<10
H744460		20	0.24	574	1	2.68	19	190	6	0.02	<5	6	176	<20	0.12	<10
H744461		20	11.80	1240	1	0.39	6330	440	12	4.71	<5	13	189	<20	0.47	10
H744462		20	12.40	1255	1	0.37	5910	440	7	4.33	<5	14	210	<20	0.51	10
H744463		20	13.20	1285	2	0.35	6390	390	9	4.85	<5	14	174	<20	0.47	10
H744463 CRD		20	12.80	1235	2	0.34	6350	370	7	4.70	8	13	170	<20	0.46	<10
H744464		20	13.35	1280	1	0.30	4520	410	2	3.52	<5	13	180	<20	0.49	<10
H744465		20	13.75	1295	1	0.33	3690	440	12	2.53	5	13	199	<20	0.57	<10
H744466		20	14.15	1255	1	0.31	3290	460	24	2.13	<5	12	181	<20	0.53	<10
H744467		20	14.65	1320	1	0.33	3600	470	18	2.46	<5	13	193	<20	0.55	<10
H744468		20	14.65	1305	1	0.40	3530	470	17	2.02	6	14	212	<20	0.59	<10
H744469		20	14.55	1340	1	0.35	3230	460	14	2.17	<5	13	195	<20	0.56	10
H744470		10	10.05	1150	1	0.80	1370	150	6	0.33	17	21	188	<20	0.12	<10
H744471		20	14.75	1380	1	0.42	2540	440	9	1.86	<5	13	240	<20	0.60	<10
H744472		20	14.95	1330	<1	0.41	2300	620	7	1.29	<5	14	237	<20	0.61	<10
H744473		20	14.00	1270	1	0.36	3810	510	3	1.86	<5	11	211	<20	0.51	<10
H744474		20	13.60	1295	1	0.39	6080	420	3	3.33	<5	11	198	<20	0.49	<10
H744475		20	14.25	1335	1	0.46	4330	470	4	2.26	<5	11	205	<20	0.54	10
H744476		20	14.15	1350	<1	0.52	4260	480	11	2.69	<5	12	234	<20	0.57	<10
H744477		20	14.10	1360	1	0.49	3800	540	18	2.43	8	13	255	<20	0.63	<10

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

Finalized Date: 4-DEC-2009
Account: MGMAM

Project: SD09-235 BL

CERTIFICATE OF ANALYSIS TB09133410

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Cu	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.001	0.0005	0.001	0.03	0.03	0.03
E809614		<10	140	<10	134		0.116	>1.00	>1.00	0.12	1.86	1.73
H744441		10	8	<10	16		0.001	0.0016	0.001			
H744442		10	12	<10	63		0.001	0.0014	0.001			
H744443		<10	224	<10	131		0.004	0.0321	0.026			
H744443 CRD		<10	233	<10	150		0.005	0.0285	0.022			
H744444		<10	175	<10	139		0.009	0.121	0.111			
H744445		<10	172	<10	124		0.058	>1.00	>1.00	0.07	1.03	1.07
H744446		<10	173	<10	113		0.046	0.750	0.711			
H744447		<10	161	<10	108		0.056	0.963	0.939			
H744448		<10	159	<10	113		0.050	0.883	0.846			
H744449		<10	163	<10	106		0.037	0.682	0.647			
H744450		10	73	<10	66		0.048	0.189	0.687			
H744451		<10	149	<10	108		0.082	>1.00	>1.00	0.09	1.45	1.44
H744452		<10	155	<10	107		0.035	0.612	0.568			
H744453		<10	149	<10	101		0.037	0.726	0.672			
H744454		<10	152	<10	109		0.078	>1.00	>1.00	0.08	1.25	1.25
H744455		<10	156	<10	102		0.051	0.815	0.703			
H744456		<10	132	<10	107		0.094	>1.00	>1.00	0.10	2.02	2.13
H744457		<10	116	<10	107		0.104	>1.00	>1.00	0.11	2.43	2.67
H744458		<10	127	<10	107	1.210	0.154	>1.00	>1.00	0.16	4.50	4.71
H744459		<10	112	10	101	1.240	0.142	>1.00	>1.00	0.15	4.68	4.73
H744460		10	17	<10	27		0.002	0.0028	0.003			
H744461		<10	119	<10	105	1.175	0.167	>1.00	>1.00	0.17	4.79	4.81
H744462		<10	121	<10	108	1.095	0.188	>1.00	>1.00	0.20	4.15	4.34
H744463		<10	123	10	111	1.150	0.193	>1.00	>1.00	0.19	4.65	4.71
H744463 CRD		<10	119	<10	108	1.160	0.186	>1.00	>1.00	0.19	4.98	4.99
H744464		<10	123	<10	107		0.235	>1.00	>1.00	0.25	4.46	4.32
H744465		<10	134	<10	103		0.250	>1.00	>1.00	0.27	4.31	4.17
H744466		<10	120	10	97		0.243	>1.00	>1.00	0.27	3.98	3.78
H744467		<10	128	<10	99		0.206	>1.00	>1.00	0.23	3.68	3.54
H744468		<10	135	<10	99		0.213	>1.00	>1.00	0.22	3.69	3.44
H744469		<10	133	<10	97		0.244	>1.00	>1.00	0.25	3.95	3.57
H744470		10	113	<10	292		0.113	>1.00	0.627	0.11	1.22	0.56
H744471		<10	136	<10	106		0.155	>1.00	>1.00	0.17	2.73	2.44
H744472		<10	136	<10	107		0.184	>1.00	>1.00	0.19	2.59	2.24
H744473		<10	119	10	102		0.143	>1.00	>1.00	0.15	2.47	2.29
H744474		<10	119	<10	110		0.063	>1.00	>1.00	0.07	2.35	2.45
H744475		<10	129	10	110		0.079	>1.00	>1.00	0.09	2.13	2.10
H744476		<10	128	10	116		0.130	>1.00	>1.00	0.14	2.69	2.57
H744477		<10	143	10	115	1.195	0.372	>1.00	>1.00	0.41	5.06	4.42

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 4-DEC-2009
Account: MGMAM

Project: SD09-235 BL

CERTIFICATE OF ANALYSIS TB09133410

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H744478		2.23	1.5	3.13	9	100	0.6	<2	2.71	0.5	145	2810	2620	11.00	10	0.29
H744479		2.33	<0.5	3.07	15	80	0.6	<2	2.76	<0.5	131	2900	1305	10.40	10	0.28
H744480		1.01	2.8	2.77	17	110	0.7	2	2.42	1.4	197	2600	5580	12.60	10	0.17
H744481		2.28	1.7	2.95	13	100	0.7	<2	2.59	0.9	151	2850	3450	11.20	10	0.23
H744482		2.43	6.6	3.43	5	90	0.6	<2	3.02	1.6	138	2460	8100	10.85	10	0.22
H744483		3.92	2.4	3.60	23	160	0.8	<2	2.50	1.0	122	2040	3470	10.80	10	0.36
H744483 CRD		0.02	2.2	3.72	20	160	0.9	<2	2.60	0.8	127	2120	3690	11.20	10	0.37
H744484		3.21	<0.5	4.61	7	240	1.0	<2	2.65	<0.5	117	991	79	12.15	10	0.40
H744485		4.32	<0.5	7.88	6	550	1.8	<2	3.52	<0.5	60	93	63	10.75	20	1.16
H744486		3.82	<0.5	7.86	11	320	2.1	2	2.55	<0.5	47	23	44	9.34	20	0.37
H744487		4.31	<0.5	7.18	<5	850	1.5	<2	0.51	<0.5	3	14	6	1.32	20	3.86
H744488		3.77	<0.5	7.30	<5	650	1.5	2	0.46	<0.5	3	13	3	1.13	20	3.81

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Finalized Date: 4-DEC-2009
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Project: SD09-235 BL

CERTIFICATE OF ANALYSIS TB09133410

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744478		20	14.45	1380	1	0.58	1620	660	8	0.80	<5	14	286	<20	0.75	<10
H744479		20	14.20	1350	1	0.53	1310	620	3	0.62	<5	15	278	<20	0.72	<10
H744480		20	14.10	1470	1	0.42	3320	590	87	3.05	7	14	244	<20	0.66	10
H744481		20	13.95	1420	1	0.47	2000	580	84	1.92	<5	14	271	<20	0.72	10
H744482		20	12.40	1330	1	0.62	2100	760	19	1.76	<5	15	332	<20	0.84	<10
H744483		20	11.50	1375	2	0.73	1290	700	10	2.80	6	16	318	<20	0.91	<10
H744483 CRD		30	12.30	1450	3	0.74	1350	740	12	3.11	<5	17	319	<20	0.91	<10
H744484		30	10.40	1695	<1	0.89	578	1170	6	1.48	<5	15	647	<20	1.28	<10
H744485		50	4.14	1800	1	3.00	77	1650	10	1.41	<5	17	486	<20	1.98	<10
H744486		50	3.35	992	1	3.55	29	1830	20	4.91	<5	17	298	<20	1.64	<10
H744487		50	0.46	154	1	2.61	5	370	16	0.38	<5	5	170	20	0.14	<10
H744488		50	0.40	107	1	2.64	2	300	18	0.33	<5	5	139	20	0.13	<10

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Finalized Date: 4-DEC-2009
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Project: SD09-235 BL

CERTIFICATE OF ANALYSIS TB09133410

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	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
H744478		<10	157	<10	116		0.084	>1.00	0.863	0.09	1.01	0.88
H744479		<10	157	<10	111		0.041	0.436	0.331			
H744480		<10	150	10	199		0.132	>1.00	>1.00	0.13	1.95	1.81
H744481		<10	158	<10	213		0.086	>1.00	>1.00	0.10	1.19	1.08
H744482		<10	170	<10	103		0.272	>1.00	>1.00	0.30	2.81	2.40
H744483		<10	196	<10	123		0.119	>1.00	>1.00	0.13	1.30	1.09
H744483 CRD		<10	197	<10	130		0.123	>1.00	>1.00	0.14	1.32	1.11
H744484		<10	236	<10	138		0.004	0.0123	0.013			
H744485		<10	328	<10	167		0.003	0.0058	0.005			
H744486		<10	251	<10	116		0.002	0.0011	0.001			
H744487		10	19	<10	13		0.002	0.0017	0.001			
H744488		10	17	<10	10		0.002	0.0012	0.001			

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Finalized Date: 14-DEC-2009
Account: MGMAM

CERTIFICATE TB09134499

Project: SD09-236 BL

P.O. No.:

This report is for 31 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 26-NOV-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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

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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-236 BL

CERTIFICATE OF ANALYSIS TB09134499

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H744489		4.47	<0.5	6.75	9	1080	1.2	<2	0.23	<0.5	2	14	1	0.90	10	4.67
H744490		0.12	<0.5	8.46	11	70	<0.5	3	6.73	0.5	103	420	3310	6.28	10	0.39
H744491		3.58	<0.5	6.71	13	1150	1.0	<2	0.31	<0.5	2	19	5	1.20	20	4.47
H744492		3.02	<0.5	1.74	26	380	0.5	<2	2.10	<0.5	31	456	98	3.52	10	0.17
H744493		4.95	0.6	4.02	21	360	1.1	<2	4.29	<0.5	89	1465	395	8.95	10	0.55
H744494		4.58	<0.5	3.53	8	240	0.9	<2	3.98	<0.5	111	1975	983	9.61	10	0.45
H744495		4.71	<0.5	3.52	15	370	0.8	<2	4.16	0.6	94	2040	384	9.10	10	0.43
H744496		4.63	1.4	3.62	16	1390	0.9	<2	4.15	0.7	113	2090	1805	9.83	10	0.38
H744497		2.25	1.9	3.83	34	1090	0.8	<2	3.63	0.7	111	1620	1525	9.55	10	0.31
H744498		2.41	1.2	3.44	12	210	0.8	6	3.43	1.0	119	1830	1885	9.91	10	0.36
H744499		4.59	0.7	2.95	18	230	0.6	<2	3.16	0.6	120	2070	1450	9.97	10	0.24
H744500		0.09	<0.5	6.11	6	920	1.0	<2	1.29	<0.5	2	25	18	1.53	10	2.06
H745001		2.21	<0.5	2.76	83	80	1.2	<2	2.37	0.6	120	2210	1085	9.93	10	0.18
H745002		2.31	2.5	2.66	86	100	1.1	<2	2.36	1.2	138	2290	3850	10.50	10	0.18
H745003		2.39	2.1	2.77	34	120	0.8	<2	2.66	1.1	140	2570	3010	10.70	10	0.23
H745003 CRD		0.02	1.6	2.70	41	110	0.8	2	2.59	0.9	134	2620	2970	10.40	10	0.22
H745004		2.12	3.1	2.67	44	90	0.6	2	2.81	1.0	130	2430	3620	10.35	10	0.20
H745005		2.23	3.4	2.61	5	90	0.5	2	2.52	1.2	143	2820	3820	11.00	10	0.23
H745006		2.31	2.0	2.86	19	130	0.6	4	2.68	0.8	139	2680	2040	10.95	10	0.26
H745007		2.29	1.0	2.90	8	120	0.6	<2	2.53	0.6	138	2620	954	10.85	10	0.28
H745008		4.69	<0.5	2.83	<5	120	0.6	<2	2.73	0.7	141	2720	1450	10.65	10	0.29
H745009		2.29	2.5	2.75	14	120	0.6	2	2.69	1.0	153	2210	3050	11.00	10	0.30
H745010		0.11	0.9	6.59	<5	60	<0.5	8	4.79	0.6	78	3410	652	6.25	10	0.16
H745011		2.31	2.1	2.83	19	140	0.6	<2	2.67	1.1	144	2580	3400	11.05	10	0.24
H745012		2.30	0.5	3.04	<5	140	0.6	<2	3.13	0.6	133	2290	1555	10.35	10	0.30
H745013		2.28	1.3	3.25	15	150	0.7	<2	2.87	1.0	142	2280	2690	10.75	10	0.30
H745014		3.94	2.2	4.62	7	900	0.9	<2	3.10	<0.5	118	1015	1840	12.70	10	0.48
H745015		3.91	<0.5	6.94	25	240	1.6	<2	2.97	<0.5	66	79	65	12.20	20	1.36
H745016		4.27	<0.5	7.37	15	480	1.9	<2	3.13	0.5	39	17	32	8.61	20	1.01
H745017		3.94	<0.5	6.80	15	930	1.3	<2	0.38	<0.5	4	18	14	1.32	20	4.84
H745018		4.14	<0.5	6.54	13	740	1.1	<2	0.64	<0.5	2	18	3	0.86	20	4.54

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

Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-236 BL

CERTIFICATE OF ANALYSIS TB09134499

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H744489		30	0.30	83	<1	2.08	10	230	27	0.60	<5	3	138	20	0.08	10
H744490		<10	5.97	789	2	1.13	2930	80	2	1.56	<5	15	75	<20	0.11	10
H744491		20	0.44	155	<1	2.00	7	260	8	0.40	<5	3	133	<20	0.09	10
H744492		10	3.50	531	<1	0.50	208	340	<2	0.13	<5	9	178	<20	0.43	<10
H744493		30	10.45	1260	1	1.23	752	970	4	0.31	<5	18	525	<20	0.95	10
H744494		20	12.05	1300	1	0.88	1135	820	<2	0.44	<5	18	457	<20	0.87	<10
H744495		20	11.20	1265	<1	0.86	850	860	<2	0.78	<5	19	540	<20	0.83	10
H744496		20	11.15	1295	1	0.82	1365	800	3	0.92	<5	19	433	<20	0.88	10
H744497		20	10.70	1230	<1	0.96	1235	740	<2	0.92	<5	16	470	<20	0.92	<10
H744498		20	11.85	1255	1	0.90	1430	750	2	0.58	<5	15	346	<20	0.83	<10
H744499		20	12.70	1290	<1	0.52	1270	640	<2	1.41	<5	15	293	<20	0.73	<10
H744500		10	0.23	548	1	2.63	4	180	3	0.01	<5	5	170	<20	0.11	<10
H745001		20	13.60	1385	1	0.42	1230	640	9	3.18	<5	14	211	<20	0.55	10
H745002		20	13.25	1310	1	0.48	1925	600	22	3.58	<5	14	232	<20	0.59	<10
H745003		20	14.00	1485	<1	0.46	1860	630	3	2.09	<5	15	235	<20	0.74	10
H745003 CRD		20	13.65	1435	<1	0.45	1750	580	3	1.92	<5	14	232	<20	0.71	<10
H745004		20	13.30	1295	<1	0.47	1730	580	3	2.69	<5	14	232	<20	0.67	<10
H745005		20	14.30	1340	<1	0.42	1710	580	3	1.71	<5	13	232	<20	0.70	<10
H745006		20	14.25	1420	<1	0.50	1475	620	2	1.71	<5	13	263	<20	0.70	10
H745007		20	14.60	1380	<1	0.52	1370	640	<2	0.80	<5	13	264	<20	0.74	10
H745008		20	13.70	1335	1	0.58	1670	670	6	1.01	<5	13	274	<20	0.75	<10
H745009		20	14.00	1305	1	0.61	2310	610	2	1.14	<5	13	283	<20	0.72	10
H745010		10	9.79	1100	1	0.78	1345	160	5	0.31	<5	19	179	<20	0.11	<10
H745011		20	13.80	1325	<1	0.44	1865	630	7	1.13	<5	13	263	<20	0.76	<10
H745012		20	12.60	1255	<1	0.68	1615	690	<2	0.92	<5	13	343	<20	0.81	<10
H745013		20	12.25	1300	1	0.73	1850	750	5	1.70	<5	14	308	<20	0.82	<10
H745014		20	9.51	1495	<1	1.10	859	1150	<2	1.63	<5	15	513	<20	1.44	<10
H745015		30	3.35	1300	1	2.38	74	1510	28	3.78	<5	15	570	<20	2.09	<10
H745016		40	3.05	1220	1	3.02	19	1730	10	3.19	<5	15	537	<20	1.60	<10
H745017		40	0.42	120	<1	1.97	6	650	18	0.66	<5	4	167	<20	0.14	10
H745018		40	0.20	105	1	2.06	3	810	15	0.46	<5	3	125	20	0.06	10

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Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-236 BL

CERTIFICATE OF ANALYSIS TB09134499

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H744489		<10	8	<10	20	0.001	0.0005	0.001			
H744490		<10	75	<10	68	0.056	0.193	0.716			
H744491		20	11	<10	11	0.001	0.0006	0.001			
H744492		<10	82	<10	39	0.008	0.0781	0.068			
H744493		<10	189	<10	95	0.013	0.185	0.164			
H744494		<10	175	<10	101	0.032	0.499	0.452			
H744495		<10	180	<10	98	0.011	0.178	0.159			
H744496		<10	191	<10	102	0.059	0.847	0.742			
H744497		<10	179	<10	99	0.049	0.715	0.641			
H744498		<10	164	<10	99	0.052	0.856	0.776			
H744499		<10	163	10	102	0.045	0.595	0.545			
H744500		<10	15	10	26	0.001	0.0009	0.001			
H745001		<10	155	<10	146	0.029	0.434	0.398			
H745002		<10	150	<10	211	0.094	>1.00	>1.00	0.11	1.74	1.54
H745003		<10	160	<10	115	0.077	>1.00	>1.00	0.09	1.24	1.13
H745003 CRD		<10	159	<10	114	0.087	>1.00	>1.00	0.09	1.22	1.10
H745004		<10	157	<10	101	0.122	>1.00	>1.00	0.11	1.42	1.22
H745005		<10	151	<10	112	0.121	>1.00	>1.00	0.15	1.62	1.44
H745006		<10	155	<10	113	0.055	0.712	0.631			
H745007		<10	151	10	112	0.028	0.348	0.329			
H745008		<10	152	<10	110	0.036	0.499	0.461			
H745009		<10	146	<10	108	0.082	>1.00	>1.00	0.08	1.12	0.99
H745010		<10	108	10	281	0.089	>1.00	0.531	0.09	1.12	0.50
H745011		<10	153	<10	116	0.108	>1.00	>1.00	0.11	1.28	1.16
H745012		<10	158	<10	103	0.041	0.516	0.503			
H745013		<10	166	<10	107	0.063	0.813	0.759			
H745014		<10	268	<10	151	0.057	0.588	0.542			
H745015		<10	386	<10	144	0.006	0.0076	0.008			
H745016		<10	224	<10	116	0.002	0.0022	0.002			
H745017		<10	18	<10	16	0.001	0.0015	0.001			
H745018		<10	5	<10	42	0.001	0.0017	0.001			

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THUNDER BAY ON P7B 6V1

Finalized Date: 6-DEC-2009
Account: MGMAM

CERTIFICATE TB09134498

Project: SD09-237 BL

P.O. No.:

This report is for 28 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 26-NOV-2009.

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JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

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ALS CODE	DESCRIPTION
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Signature:
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CERTIFICATE OF ANALYSIS TB09134498

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
E809615		1.93	<0.5	6.68	18	1010	1.7	<2	0.27	<0.5	4	12	16	1.38	20	3.94
H745019		4.44	<0.5	6.79	<5	1070	2.0	7	0.21	<0.5	4	11	2	1.12	20	4.65
H745020		2.10	<0.5	6.49	6	980	1.7	<2	0.24	<0.5	4	14	6	1.29	20	3.78
H745021		3.81	0.5	6.69	163	300	2.0	4	2.73	<0.5	35	172	1990	5.23	20	0.68
H745022		4.29	<0.5	6.53	11	820	1.5	<2	0.29	<0.5	1	12	7	1.31	20	3.92
H745023		4.27	<0.5	6.52	6	840	1.2	3	0.35	<0.5	2	13	14	0.91	20	4.49
H745023 CRD		0.02	<0.5	6.52	<5	840	1.2	<2	0.24	<0.5	1	11	4	0.86	20	4.45
H745024		4.29	<0.5	6.29	12	780	1.3	<2	0.44	<0.5	4	30	27	1.57	20	3.01
H745025		1.88	<0.5	6.18	56	450	1.8	<2	3.34	3.2	24	276	103	3.90	20	0.89
H745026		0.11	0.9	8.30	15	70	<0.5	<2	6.62	0.7	101	423	3250	6.18	10	0.37
H745027		4.14	<0.5	6.42	<5	990	1.3	4	0.65	<0.5	2	14	49	0.97	20	4.65
H745028		4.07	<0.5	6.74	13	1060	1.5	<2	0.31	<0.5	5	19	8	1.30	20	3.97
H745029		4.12	<0.5	6.81	12	860	1.6	<2	0.22	<0.5	1	15	2	1.03	20	4.01
H745030		0.67	0.5	7.61	22	100	2.0	<2	3.28	<0.5	40	6	5	7.57	20	0.32
H745031		3.71	<0.5	6.85	10	980	2.0	<2	0.24	<0.5	2	11	1	0.85	20	4.81
H745032		0.09	<0.5	6.28	16	960	0.9	3	1.34	<0.5	3	18	10	1.51	10	2.14
H745033		4.11	<0.5	6.41	<5	1000	2.0	<2	0.26	0.5	2	11	1	0.79	20	4.71
H745034		4.14	<0.5	6.72	<5	1040	2.7	2	0.22	<0.5	2	12	<1	0.74	10	4.53
H745035		4.22	<0.5	6.65	6	940	2.7	6	0.25	<0.5	3	14	1	1.08	20	4.17
H745036		4.36	<0.5	6.95	10	850	2.6	<2	0.24	<0.5	2	17	4	0.79	30	4.60
H745037		3.69	<0.5	4.07	47	120	1.2	<2	2.60	<0.5	110	1765	74	11.25	20	0.34
H745038		2.77	<0.5	4.33	19	260	1.0	<2	2.55	0.6	115	1520	68	11.50	10	0.51
H745039		0.11	<0.5	6.56	13	60	<0.5	<2	4.77	<0.5	79	3330	639	6.26	10	0.16
H745040		5.20	<0.5	6.79	16	1170	1.5	<2	3.03	<0.5	74	95	34	13.50	20	1.42
H745041		3.64	<0.5	7.35	15	460	1.9	<2	3.76	<0.5	44	17	38	9.01	20	0.82
H745042		4.17	<0.5	6.94	7	770	2.7	<2	0.53	<0.5	2	10	1	1.09	20	3.92
H745043		3.84	<0.5	6.25	8	470	2.1	<2	0.42	<0.5	2	11	4	0.75	20	3.42
H745043 CRD		0.02	<0.5	6.22	<5	450	2.1	<2	0.41	<0.5	2	10	1	0.70	20	3.42

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

Finalized Date: 6-DEC-2009
Account: MGMAM

Project: SD09-237 BL

CERTIFICATE OF ANALYSIS TB09134498

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
E809615		60	0.39	109	1	2.66	4	310	2	0.67	<5	3	126	30	0.12	<10
H745019		40	0.31	81	1	2.28	2	370	<2	0.58	<5	3	125	30	0.11	10
H745020		60	0.37	103	2	2.57	3	300	<2	0.61	<5	3	125	20	0.11	<10
H745021		70	2.16	629	1	3.49	439	1220	136	2.47	<5	11	164	<20	0.72	<10
H745022		60	0.50	147	<1	2.42	9	290	2	0.26	<5	3	110	30	0.11	10
H745023		40	0.33	110	1	2.21	4	240	<2	0.24	<5	2	107	20	0.08	<10
H745023 CRD		40	0.31	102	<1	2.21	1	230	<2	0.20	<5	2	108	20	0.08	10
H745024		40	0.59	215	1	2.70	11	300	27	0.37	<5	4	143	30	0.13	<10
H745025		40	2.59	875	<1	2.95	115	780	882	0.37	<5	11	203	20	0.64	<10
H745026		<10	5.88	775	2	1.10	2970	90	3	1.51	<5	15	76	<20	0.11	<10
H745027		30	0.34	168	<1	2.04	3	260	7	0.17	<5	2	142	20	0.06	10
H745028		50	0.39	182	<1	2.63	4	290	7	0.44	<5	3	144	30	0.11	<10
H745029		40	0.37	132	<1	2.54	2	410	<2	0.17	<5	3	135	30	0.10	10
H745030		40	3.09	831	1	3.67	15	1750	11	3.72	<5	15	89	<20	1.59	<10
H745031		20	0.26	196	<1	1.90	1	350	11	0.33	<5	2	146	20	0.08	<10
H745032		10	0.20	524	<1	2.68	1	180	2	<0.01	<5	4	172	<20	0.11	10
H745033		30	0.22	101	<1	1.89	1	250	9	0.46	<5	2	163	<20	0.06	<10
H745034		20	0.22	74	1	2.14	1	210	8	0.49	<5	3	193	<20	0.06	<10
H745035		30	0.34	99	1	2.15	2	320	8	0.60	<5	3	188	<20	0.14	10
H745036		20	0.28	81	<1	2.20	4	270	5	0.39	<5	3	177	<20	0.07	<10
H745037		20	11.35	1435	<1	0.59	629	950	9	1.87	<5	15	250	<20	1.09	<10
H745038		30	10.75	1415	1	0.86	665	1110	4	1.78	<5	14	367	<20	1.14	<10
H745039		10	9.73	1095	1	0.77	1330	150	2	0.30	<5	19	176	<20	0.11	<10
H745040		30	3.29	1415	1	2.27	78	1460	2	1.31	<5	14	619	<20	2.11	<10
H745041		40	3.16	1060	1	2.90	25	1760	16	2.74	<5	15	454	<20	1.66	<10
H745042		40	0.27	96	<1	2.59	2	490	14	0.52	<5	4	134	30	0.10	10
H745043		20	0.17	179	<1	2.37	1	380	12	0.19	<5	2	105	<20	0.06	<10
H745043 CRD		20	0.16	166	1	2.31	<1	360	12	0.12	<5	2	106	<20	0.05	<10

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

Finalized Date: 6-DEC-2009
Account: MGMAM

Project: SD09-237 BL

CERTIFICATE OF ANALYSIS TB09134498

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
E809615		10	12	<10	8	0.002	0.0011	0.001			
H745019		<10	11	<10	6	0.001	0.0005	<0.001			
H745020		<10	11	<10	8	0.001	<0.0005	<0.001			
H745021		<10	121	10	84	0.020	0.513	0.563			
H745022		<10	10	<10	11	0.001	0.0024	0.002			
H745023		<10	8	<10	6	0.001	0.0044	0.004			
H745023 CRD		<10	7	<10	6	0.001	0.0006	0.001			
H745024		<10	16	10	27	0.001	0.0006	0.001			
H745025		<10	117	<10	844	0.002	0.0110	0.010			
H745026		<10	75	<10	67	0.064	0.193	0.713			
H745027		<10	4	<10	7	0.001	0.0007	0.001			
H745028		10	10	<10	11	0.001	<0.0005	<0.001			
H745029		<10	10	<10	6	0.001	0.0015	<0.001			
H745030		<10	204	<10	44	0.002	<0.0005	<0.001			
H745031		10	8	<10	4	0.002	<0.0005	<0.001			
H745032		10	14	<10	24	0.001	<0.0005	<0.001			
H745033		10	5	<10	50	0.001	<0.0005	<0.001			
H745034		<10	6	<10	15	0.001	<0.0005	<0.001			
H745035		10	17	<10	8	0.002	0.0005	<0.001			
H745036		10	6	<10	3	0.001	<0.0005	<0.001			
H745037		<10	221	<10	132	0.002	0.0086	0.008			
H745038		<10	208	<10	128	0.002	0.0070	0.006			
H745039		<10	106	<10	279	0.120	>1.00	0.542	0.13	1.29	0.59
H745040		<10	448	<10	146	0.001	0.0015	0.001			
H745041		<10	250	<10	118	0.001	0.0007	<0.001			
H745042		<10	12	<10	7	0.001	0.0005	<0.001			
H745043		10	6	<10	9	0.001	<0.0005	<0.001			
H745043 CRD		10	5	<10	5	0.001	<0.0005	<0.001			

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

Finalized Date: 7-DEC-2009
This copy reported on 21-JAN-2010
Account: MGMAM

CERTIFICATE TB09136413

Project: SD09-238 BL

P.O. No.:

This report is for 10 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 30-NOV-2009.

The following have access to data associated with this certificate:

MAM - CONSULTANT WEBTRIE MGMAM DATA SUPPORT	JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing 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
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 7-DEC-2009
Account: MGMAM

Project: SD09-238 BL

CERTIFICATE OF ANALYSIS TB09136413

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H745044		5.36	<0.5	9.05	8	670	1.4	<2	1.38	<0.5	24	116	59	4.67	20	2.17
H745045		4.97	<0.5	8.67	5	640	1.4	<2	1.64	<0.5	26	107	44	5.01	20	1.80
H745046		0.83	<0.5	8.00	<5	250	1.6	<2	3.45	<0.5	42	8	21	8.07	20	0.55
H745047		3.12	<0.5	6.68	8	1200	1.1	<2	1.43	<0.5	17	92	70	3.83	20	1.95
H745048		2.98	<0.5	8.40	7	820	1.9	<2	3.51	<0.5	44	15	33	8.88	20	1.20
H745049		4.99	<0.5	7.55	10	200	1.6	<2	4.02	<0.5	71	52	37	12.25	20	0.86
H745050		0.12	<0.5	8.83	<5	70	<0.5	<2	6.77	<0.5	105	413	3490	6.41	10	0.37
H745051		5.16	<0.5	7.97	13	220	1.8	<2	3.70	<0.5	48	12	50	9.06	20	1.06
H745052		5.29	<0.5	8.58	5	690	1.2	<2	2.15	<0.5	22	120	61	4.49	20	1.87
H745053		5.42	<0.5	8.95	<5	700	1.4	<2	1.13	<0.5	25	127	58	4.86	20	2.17

Comments: **CORRECTED COPY FOR PGM-MS23 ON SAMPLES H745048 TO H745052**

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

Finalized Date: 7-DEC-2009
Account: MGMAM

Project: SD09-238 BL

CERTIFICATE OF ANALYSIS TB09136413

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H745044		30	1.65	579	<1	2.93	84	870	13	0.33	<5	18	447	<20	0.42	<10
H745045		30	1.77	579	3	2.62	71	990	22	1.41	<5	18	429	<20	0.59	<10
H745046		50	2.62	700	3	3.05	20	1850	19	4.96	<5	16	513	<20	1.61	<10
H745047		20	1.37	774	<1	1.30	59	710	14	0.66	<5	11	440	<20	0.30	<10
H745048		50	2.93	1170	1	3.12	26	1960	9	2.04	<5	17	799	<20	1.57	<10
H745049		40	3.15	1130	2	2.17	63	1650	10	3.59	<5	16	682	<20	1.88	<10
H745050		10	6.14	825	1	1.07	3120	90	2	1.66	<5	16	88	<20	0.11	<10
H745051		40	2.81	1020	1	2.81	30	1850	12	3.36	<5	16	639	<20	1.68	<10
H745052		30	1.45	889	<1	1.88	72	910	13	0.51	<5	14	474	<20	0.40	<10
H745053		30	1.64	493	<1	2.31	85	920	9	0.40	<5	18	388	<20	0.44	<10

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Finalized Date: 7-DEC-2009
Account: MGMAM

Project: SD09-238 BL

CERTIFICATE OF ANALYSIS TB09136413

Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H745044		<10	132	<10	104	<0.001	0.0013	0.001
H745045		10	150	<10	70	0.001	0.0013	0.001
H745046		<10	212	<10	119	0.001	0.0005	<0.001
H745047		<10	85	<10	61	0.001	0.0014	0.001
H745048		<10	231	<10	128	0.003	0.0035	0.003
H745049		<10	395	<10	149	0.003	0.0005	<0.001
H745050		10	78	<10	68	0.062	0.203	0.724
H745051		<10	246	<10	125	0.003	0.0007	0.001
H745052		10	111	<10	82	0.002	0.0013	0.002
H745053		10	140	<10	82	0.003	0.0014	0.001

Comments: **CORRECTED COPY FOR PGM-MS23 ON SAMPLES H745048 TO H745052**

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

Finalized Date: 21-JAN-2010
Account: MGMAM

CERTIFICATE TB09136412

Project: SD09-239 BL

P.O. No.:

This report is for 28 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 30-NOV-2009.

The following have access to data associated with this certificate:

MAM - CONSULTANT WEBTRIE MGMAM DATA SUPPORT	JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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

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-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 21-JAN-2010
Account: MGMAM

Project: SD09-239 BL

CERTIFICATE OF ANALYSIS TB09136412

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H745054		4.02	<0.5	8.17	13	450	1.8	<2	1.65	<0.5	21	124	59	4.34	20	1.55
H745055		4.08	<0.5	8.25	19	780	1.9	<2	2.01	<0.5	24	149	115	4.48	20	2.60
H745056		0.91	<0.5	5.66	7	130	1.7	<2	5.11	<0.5	44	319	142	8.69	20	0.59
H745057		0.92	<0.5	5.12	<5	220	1.6	<2	4.25	<0.5	60	742	116	8.36	20	0.51
H745058		0.77	<0.5	8.23	15	520	2.0	<2	1.49	<0.5	22	119	195	4.57	20	1.27
H745059		1.12	<0.5	5.65	14	220	1.6	<2	4.32	<0.5	37	231	404	6.25	20	0.58
H745060		0.10	<0.5	6.64	<5	920	1.0	<2	1.38	<0.5	2	19	18	1.58	10	2.12
H745061		4.14	<0.5	4.20	7	110	1.1	<2	5.23	0.6	80	1060	173	9.20	10	0.28
H745062		4.19	<0.5	3.85	<5	80	0.8	<2	4.62	<0.5	97	1265	288	9.44	10	0.31
H745063		4.44	<0.5	3.68	10	50	0.8	<2	5.47	<0.5	99	1340	309	9.47	10	0.31
H745063 CRD		0.02	<0.5	3.72	9	50	0.8	<2	5.48	<0.5	100	1305	297	9.51	10	0.31
H745064		4.19	<0.5	3.50	8	150	0.8	<2	4.54	0.6	109	1515	420	9.87	<10	0.35
H745065		4.35	<0.5	3.48	9	120	0.7	<2	4.32	0.7	116	1550	879	9.90	10	0.30
H745066		4.39	<0.5	3.55	19	140	0.7	<2	3.99	<0.5	125	1655	992	10.35	10	0.35
H745067		0.11	<0.5	7.10	7	60	<0.5	<2	5.01	<0.5	84	3570	695	6.58	10	0.16
H745068		4.54	<0.5	3.44	20	140	0.9	<2	3.45	<0.5	111	1500	804	9.56	10	0.42
H745069		4.13	<0.5	3.39	14	140	0.8	<2	3.40	<0.5	107	1510	612	9.34	<10	0.41
H745070		4.50	<0.5	3.62	6	240	0.8	<2	3.75	<0.5	105	1590	245	9.43	10	0.49
H745071		3.38	1.0	3.59	82	130	1.0	<2	3.53	<0.5	98	1415	1105	9.10	10	0.47
H745072		3.15	1.0	4.36	65	120	1.4	<2	3.85	1.6	86	1150	868	8.65	10	0.39
H745073		0.11	0.6	9.04	6	80	<0.5	<2	6.91	<0.5	109	428	3570	6.57	10	0.38
H745074		3.93	<0.5	8.90	5	620	3.7	<2	2.24	0.7	12	46	64	3.75	10	1.47
H745075		1.10	<0.5	8.62	22	320	3.2	<2	2.03	<0.5	20	26	21	4.86	20	0.83
H745076		3.39	<0.5	7.87	11	280	1.7	<2	3.30	<0.5	55	25	50	9.78	20	0.74
H745077		4.71	<0.5	7.11	9	130	1.6	<2	3.94	<0.5	66	79	38	12.50	20	0.31
H745078		4.89	<0.5	8.07	7	490	1.9	<2	3.62	<0.5	45	18	42	9.29	20	0.73
H745079		4.11	<0.5	8.77	5	300	5.1	<2	1.92	<0.5	10	27	59	3.27	20	1.45
H745080		3.49	<0.5	8.70	9	310	5.3	<2	2.13	<0.5	8	26	44	2.99	10	1.50

Comments: **CORRECTED COPY FOR PGM-MS23 AND PGM-ICP27 ON SAMPLES H745065 TO H745069**

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

Finalized Date: 21-JAN-2010
Account: MGMAM

Project: SD09-239 BL

CERTIFICATE OF ANALYSIS TB09136412

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H745054		30	1.81	524	1	2.84	75	860	20	0.55	<5	14	315	<20	0.36	<10
H745055		30	2.09	496	1	2.47	89	900	16	0.55	<5	16	275	<20	0.40	<10
H745056		30	5.23	1775	1	2.49	157	1040	<2	0.43	<5	26	227	<20	1.26	<10
H745057		30	7.67	1680	1	1.92	379	900	2	0.22	<5	21	242	<20	0.99	<10
H745058		30	2.22	469	1	3.78	71	870	3	0.42	<5	17	394	<20	0.43	<10
H745059		20	3.90	1345	<1	2.62	131	940	9	0.30	<5	23	250	<20	0.95	<10
H745060		10	0.21	558	<1	2.68	3	180	6	<0.01	<5	5	183	<20	0.12	<10
H745061		20	11.25	1650	1	0.87	595	890	42	0.16	<5	22	303	<20	0.99	<10
H745062		20	11.85	1475	1	0.50	718	870	21	0.26	<5	21	237	<20	0.95	<10
H745063		20	12.15	1475	<1	0.27	736	900	8	0.35	<5	21	150	<20	0.97	<10
H745063 CRD		20	12.30	1480	3	0.27	735	920	4	0.33	<5	22	154	<20	0.96	<10
H745064		20	13.20	1480	1	0.22	878	810	20	0.37	<5	20	181	<20	0.90	<10
H745065		20	13.00	1500	<1	0.23	998	720	10	0.52	<5	19	211	<20	0.87	<10
H745066		20	13.60	1620	1	0.34	1130	890	7	1.02	<5	19	239	<20	0.84	<10
H745067		10	10.45	1190	<1	0.77	1500	160	8	0.33	17	21	197	<20	0.12	<10
H745068		20	12.60	1445	2	0.65	1000	810	7	1.24	<5	18	323	<20	0.74	<10
H745069		20	12.35	1375	<1	0.70	911	770	4	0.96	<5	17	333	<20	0.76	<10
H745070		20	12.65	1405	1	0.70	825	820	3	0.63	<5	19	441	<20	0.85	<10
H745071		20	12.60	1430	1	0.38	796	850	11	2.67	<5	18	207	<20	0.59	<10
H745072		30	10.40	1450	1	0.96	657	900	128	2.76	<5	18	330	<20	0.73	<10
H745073		10	6.34	848	1	1.10	3200	90	<2	1.70	<5	16	89	<20	0.12	<10
H745074		40	1.66	433	1	4.47	35	1010	13	1.92	<5	9	835	<20	0.24	<10
H745075		50	1.89	509	<1	4.59	23	1320	12	1.83	<5	11	810	<20	0.77	<10
H745076		40	3.51	1265	1	3.40	41	1710	14	1.87	<5	15	535	<20	1.84	<10
H745077		30	3.58	1445	5	3.01	64	1530	2	1.95	<5	15	513	<20	2.38	<10
H745078		50	3.04	1220	1	3.46	31	1840	7	1.59	<5	16	685	<20	1.73	<10
H745079		40	1.15	415	<1	3.00	13	1020	14	0.88	<5	7	1405	<20	0.20	<10
H745080		40	0.97	473	<1	2.77	13	980	19	0.65	<5	7	1475	<20	0.20	<10

Comments: **CORRECTED COPY FOR PGM-MS23 AND PGM-ICP27 ON SAMPLES H745065 TO H745069**

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

Finalized Date: 21-JAN-2010
Account: MGMAM

Project: SD09-239 BL

CERTIFICATE OF ANALYSIS TB09136412

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H745054		<10	109	<10	46	0.001	0.0013	0.001			
H745055		10	123	<10	38	0.001	0.0015	0.002			
H745056		<10	257	<10	100	0.002	0.0127	0.008			
H745057		<10	202	<10	124	0.002	0.0166	0.012			
H745058		<10	129	<10	55	0.001	0.0018	0.002			
H745059		<10	227	<10	75	0.003	0.0473	0.042			
H745060		<10	17	<10	29	0.001	<0.0005	<0.001			
H745061		<10	199	<10	328	0.006	0.0300	0.024			
H745062		<10	189	<10	104	0.009	0.0880	0.083			
H745063		<10	196	<10	106	0.008	0.0943	0.089			
H745063 CRD		<10	197	<10	106	0.008	0.0860	0.081			
H745064		<10	186	<10	133	0.010	0.139	0.134			
H745065		<10	180	<10	108	0.023	0.301	0.290			
H745066		<10	182	<10	115	0.026	0.399	0.369			
H745067		10	116	<10	296	0.114	>1.00	0.561	0.10	1.19	0.55
H745068		<10	170	<10	107	0.020	0.304	0.270			
H745069		<10	167	<10	99	0.017	0.204	0.198			
H745070		<10	178	<10	104	0.007	0.0775	0.072			
H745071		<10	157	<10	116	0.059	0.460	0.422			
H745072		<10	170	<10	266	0.035	0.351	0.309			
H745073		10	79	<10	71	0.058	0.175	0.662			
H745074		10	75	<10	99	0.003	0.0063	0.006			
H745075		10	127	<10	58	0.003	0.0016	0.001			
H745076		<10	292	<10	105	0.001	0.0013	0.001			
H745077		<10	451	<10	137	0.001	0.0007	<0.001			
H745078		<10	259	<10	114	0.001	<0.0005	<0.001			
H745079		<10	65	<10	42	0.001	0.0007	0.001			
H745080		<10	59	<10	49	0.003	0.0006	0.001			

Comments: **CORRECTED COPY FOR PGM-MS23 AND PGM-ICP27 ON SAMPLES H745065 TO H745069**

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

Finalized Date: 14-DEC-2009
Account: MGMAM

CERTIFICATE TB09136488

Project: SD09-240 BL

P.O. No.:

This report is for 30 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 1-DEC-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-240 BL

CERTIFICATE OF ANALYSIS TB09136488

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H745081		4.09	<0.5	8.21	<5	670	1.5	<2	0.82	<0.5	20	122	212	3.95	20	2.54
H745082		3.94	<0.5	7.53	7	480	2.0	<2	0.78	<0.5	21	151	63	3.59	20	2.46
H745083		3.05	<0.5	5.21	16	310	1.9	<2	1.31	<0.5	22	98	94	3.70	20	1.47
H745083 CRD		0.02	<0.5	5.35	17	320	1.8	<2	1.41	<0.5	20	99	97	3.80	20	1.46
H745084		1.11	<0.5	6.76	<5	500	2.3	<2	0.59	<0.5	4	14	42	1.30	30	1.73
H745085		1.17	<0.5	4.66	13	270	1.2	<2	5.53	<0.5	42	517	189	7.27	10	0.50
H745086		4.42	<0.5	3.44	22	140	0.9	<2	3.85	0.7	101	1235	982	8.81	10	0.30
H745087		4.18	<0.5	3.20	<5	140	0.8	<2	3.16	<0.5	100	1575	537	8.77	10	0.36
H745088		4.24	<0.5	3.04	<5	120	0.8	<2	2.67	<0.5	113	1735	711	9.63	10	0.33
H745089		4.31	<0.5	2.84	<5	90	0.7	<2	2.59	<0.5	136	1965	1715	10.20	<10	0.26
H745090		0.12	<0.5	6.62	7	60	<0.5	<2	4.77	<0.5	74	3420	667	6.19	10	0.15
H745091		4.38	<0.5	2.89	<5	50	0.7	<2	3.42	<0.5	132	1850	1890	10.05	10	0.25
H745092		4.37	1.7	2.85	7	40	0.7	<2	3.80	<0.5	145	1700	3350	11.10	10	0.17
H745093		4.59	0.5	3.20	10	70	0.7	<2	3.79	<0.5	122	1640	1750	9.89	10	0.25
H745094		4.35	<0.5	3.15	<5	100	0.8	<2	3.71	<0.5	117	1685	1615	9.58	10	0.28
H745095		4.37	<0.5	3.50	5	60	0.8	<2	4.06	<0.5	99	1535	1525	9.88	10	0.23
H745096		1.83	4.4	3.48	9	50	0.8	16	3.74	<0.5	298	941	>10000	14.50	10	0.16
H745097		1.66	1.4	3.48	<5	40	1.0	<2	3.70	<0.5	134	1305	4380	11.15	10	0.16
H745098		0.11	<0.5	8.10	13	70	<0.5	<2	6.51	<0.5	103	431	3320	6.07	10	0.39
H745099		1.76	5.7	3.44	17	40	1.3	<2	2.86	<0.5	337	849	>10000	15.05	20	0.20
H745100		4.02	<0.5	7.14	24	450	4.2	<2	0.46	<0.5	31	81	1475	3.85	30	2.54
H745101		3.87	<0.5	7.36	<5	430	2.8	<2	0.61	<0.5	27	116	264	4.39	20	2.86
H745102		3.99	<0.5	7.79	6	570	2.5	<2	0.56	<0.5	17	113	9	4.20	20	2.83
H745103		4.19	<0.5	7.63	5	610	2.0	<2	0.73	<0.5	22	116	11	4.50	20	2.72
H745103 CRD		<0.02	<0.5	7.78	7	610	2.0	<2	0.75	<0.5	22	116	7	4.54	20	2.68
H745104		4.71	<0.5	7.66	18	170	2.0	<2	3.49	<0.5	43	11	30	8.92	20	0.53
H745105		4.34	<0.5	7.52	<5	420	1.8	<2	3.45	<0.5	48	18	31	9.47	20	0.88
H745106		0.09	<0.5	6.25	8	900	0.9	<2	1.28	<0.5	3	16	14	1.48	10	2.24
H745107		3.76	<0.5	7.68	9	420	2.3	<2	0.95	<0.5	25	118	82	4.64	20	2.40
H745108		4.12	<0.5	7.39	8	400	2.3	<2	0.55	<0.5	23	112	100	4.78	20	2.50

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

Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-240 BL

CERTIFICATE OF ANALYSIS TB09136488

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H745081		30	1.89	444	<1	2.46	71	850	<2	0.74	<5	16	219	<20	0.40	10
H745082		20	1.90	320	6	2.30	85	900	2	0.33	<5	14	169	<20	0.36	<10
H745083		30	1.48	298	2	1.61	82	720	<2	1.40	<5	10	93	<20	0.40	<10
H745083 CRD		30	1.52	309	2	1.66	82	730	<2	1.39	<5	10	96	<20	0.41	<10
H745084		10	0.63	155	<1	3.29	7	390	<2	0.18	<5	6	243	<20	0.04	<10
H745085		20	5.74	2060	<1	1.87	160	820	<2	0.68	<5	29	277	<20	1.18	<10
H745086		20	10.85	1330	<1	0.63	843	750	219	0.78	<5	18	201	<20	0.78	<10
H745087		20	11.80	1220	<1	0.53	817	660	<2	0.33	<5	15	293	<20	0.76	<10
H745088		20	13.10	1335	<1	0.38	992	710	<2	0.32	<5	13	239	<20	0.74	<10
H745089		20	13.30	1320	<1	0.18	1375	670	5	0.77	<5	13	141	<20	0.70	<10
H745090		10	9.86	1085	<1	0.76	1370	160	4	0.31	<5	19	183	<20	0.11	<10
H745091		20	12.85	1385	<1	0.17	1305	670	7	0.85	<5	17	116	<20	0.72	<10
H745092		20	12.25	1375	<1	0.17	1665	650	5	1.53	<5	19	109	<20	0.75	<10
H745093		20	11.95	1360	<1	0.32	1165	660	4	0.77	<5	19	180	<20	0.85	<10
H745094		20	12.00	1365	<1	0.34	1195	820	3	0.67	<5	18	218	<20	0.87	<10
H745095		20	11.15	1420	<1	0.48	944	820	<2	0.58	<5	20	241	<20	0.89	<10
H745096		20	7.80	1110	<1	0.62	5560	820	12	6.44	<5	20	271	<20	0.89	<10
H745097		30	9.47	1160	2	0.67	1795	810	4	1.73	<5	19	192	<20	0.86	<10
H745098		10	5.72	776	2	1.10	2990	90	<2	1.51	<5	14	76	<20	0.11	<10
H745099		20	7.00	944	2	0.74	6380	650	17	6.64	<5	19	109	<20	0.83	<10
H745100		20	1.92	360	<1	1.86	513	660	<2	0.94	<5	10	157	<20	0.25	<10
H745101		10	2.14	384	<1	1.61	92	840	<2	0.31	<5	14	163	<20	0.39	<10
H745102		30	1.94	345	<1	1.98	67	790	<2	0.21	<5	15	222	<20	0.39	<10
H745103		20	1.80	420	1	2.00	68	800	<2	0.38	<5	15	276	<20	0.41	<10
H745103 CRD		20	1.82	420	<1	2.02	67	820	<2	0.39	<5	15	283	<20	0.42	<10
H745104		50	2.57	1110	1	3.88	17	1820	21	3.30	<5	15	474	<20	1.74	<10
H745105		40	2.78	1455	1	3.43	24	1790	<2	1.05	<5	15	503	<20	1.80	<10
H745106		10	0.20	517	<1	2.67	<1	170	5	<0.01	<5	4	168	<20	0.11	<10
H745107		30	2.09	570	1	2.13	63	860	13	0.72	<5	14	237	<20	0.44	<10
H745108		20	2.13	544	<1	1.84	60	830	<2	0.36	<5	13	142	<20	0.36	<10

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Project: SD09-240 BL

CERTIFICATE OF ANALYSIS TB09136488

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Cu-OG62 Cu % 0.001	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
H745081		<10	123	<10	49		0.001	0.0015	0.002			
H745082		<10	114	<10	40		0.003	0.0015	0.001			
H745083		<10	88	<10	32		0.005	0.0552	0.050			
H745083 CRD		<10	91	<10	32		0.004	0.0465	0.047			
H745084		10	5	<10	14		0.002	0.0013	0.001			
H745085		<10	254	<10	81		0.003	0.0202	0.019			
H745086		<10	156	<10	228		0.024	0.312	0.317			
H745087		<10	146	<10	97		0.013	0.160	0.153			
H745088		<10	152	<10	113		0.015	0.191	0.193			
H745089		<10	150	<10	101		0.034	0.494	0.497			
H745090		<10	111	<10	283		0.112	>1.00	0.508	0.12	1.25	0.57
H745091		<10	157	<10	111		0.068	0.623	0.607			
H745092		<10	168	<10	99		0.069	0.988	>1.00	0.08	1.27	1.25
H745093		<10	175	<10	109		0.059	0.639	0.632			
H745094		<10	179	<10	108		0.049	0.616	0.637			
H745095		<10	187	<10	102		0.047	0.528	0.510			
H745096		<10	190	<10	66	1.035	0.119	>1.00	>1.00	0.12	3.11	3.43
H745097		<10	176	10	91		0.106	>1.00	>1.00	0.13	1.67	1.65
H745098		10	74	<10	68		0.056	0.162	0.699			
H745099		<10	185	<10	75	1.265	0.107	>1.00	>1.00	0.12	4.29	4.60
H745100		10	77	10	33		0.046	0.772	0.802			
H745101		<10	121	<10	43		0.021	0.112	0.127			
H745102		<10	125	<10	44		<0.001	0.0026	0.003			
H745103		<10	130	<10	58		<0.001	0.0024	0.003			
H745103 CRD		<10	131	<10	60		<0.001	0.0017	0.002			
H745104		<10	238	<10	127		<0.001	0.0006	0.001			
H745105		<10	270	<10	151		<0.001	0.0006	<0.001			
H745106		<10	15	10	26		<0.001	0.0007	<0.001			
H745107		10	124	<10	90		0.001	0.0016	0.002			
H745108		<10	115	<10	61		<0.001	0.0015	0.002			

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

Finalized Date: 14-DEC-2009
Account: MGMAM

CERTIFICATE TB09138794

Project: SD09-241 BL

P.O. No.:

This report is for 18 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-DEC-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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THUNDER BAY ON P7B 6V1

Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-241 BL

CERTIFICATE OF ANALYSIS TB09138794

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H745109		3.88	<0.5	6.95	5	570	1.7	2	0.27	<0.5	1	9	15	1.17	20	4.14
H745110		3.96	<0.5	7.05	<5	510	2.3	3	0.25	<0.5	1	8	1	0.93	30	3.11
H745111		2.72	<0.5	2.67	19	80	1.1	2	1.17	<0.5	14	133	71	2.39	10	0.43
H745112		0.12	<0.5	6.90	5	60	<0.5	<2	4.98	<0.5	81	3490	669	6.52	10	0.16
H745113		4.14	<0.5	3.80	15	50	1.1	3	4.39	<0.5	83	882	196	9.08	10	0.21
H745114		2.60	<0.5	4.23	45	30	1.1	4	6.46	<0.5	62	573	269	8.21	20	0.08
H745115		4.27	<0.5	3.92	48	70	0.9	<2	4.25	<0.5	90	1235	532	9.16	10	0.25
H745116		4.25	<0.5	3.93	26	180	0.9	<2	3.90	<0.5	101	1595	1120	9.42	10	0.50
H745117		4.45	<0.5	4.35	22	140	1.0	<2	5.06	<0.5	98	1245	1075	9.64	10	0.24
H745118		0.12	<0.5	9.03	<5	70	<0.5	<2	7.00	<0.5	105	415	3560	6.53	10	0.40
H745119		2.35	<0.5	8.25	8	400	2.1	<2	3.05	<0.5	44	32	122	9.32	20	0.86
H745120		3.75	<0.5	7.32	<5	470	2.2	<2	0.36	<0.5	1	11	4	0.54	30	4.07
H745121		3.85	<0.5	7.39	<5	360	2.7	<2	0.33	<0.5	<1	9	1	0.65	30	3.36
H745122		3.97	<0.5	7.48	<5	170	1.7	<2	0.46	<0.5	<1	11	2	1.12	30	3.12
H745123		1.36	<0.5	8.02	8	50	1.9	<2	3.87	<0.5	38	5	44	7.32	20	0.15
H745123 CRD		<0.02	<0.5	8.01	<5	50	1.9	<2	3.82	<0.5	37	6	44	7.27	20	0.15
H745124		0.09	<0.5	6.61	5	990	1.0	<2	1.46	<0.5	2	22	15	1.65	10	2.19
H745125		2.96	<0.5	6.70	<5	220	1.8	4	2.20	<0.5	1	9	5	1.25	30	3.02

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

Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-241 BL

CERTIFICATE OF ANALYSIS TB09138794

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H745109		10	0.16	266	<1	2.62	3	450	8	0.92	<5	4	208	<20	0.02	<10
H745110		<10	0.20	698	<1	3.00	8	350	17	0.42	<5	5	225	<20	0.02	<10
H745111		10	1.41	314	2	1.17	58	420	4	0.82	<5	7	43	<20	0.27	<10
H745112		<10	10.70	1150	2	0.79	1415	150	7	0.33	6	19	182	<20	0.11	<10
H745113		20	11.55	1735	1	0.79	625	860	14	1.42	<5	21	171	<20	0.83	<10
H745114		20	8.10	1600	1	1.57	295	960	<2	1.86	<5	30	360	<20	0.98	<10
H745115		20	11.20	1400	1	0.74	745	880	6	1.90	<5	19	223	<20	0.85	<10
H745116		20	11.20	1305	1	0.69	1030	880	<2	1.57	<5	19	304	<20	0.83	<10
H745117		30	10.15	1655	<1	0.99	897	910	<2	1.30	<5	22	304	<20	1.01	<10
H745118		10	6.31	852	<1	1.15	3040	90	<2	1.64	<5	16	92	<20	0.12	<10
H745119		50	3.28	1425	<1	3.91	53	1730	<2	0.74	<5	16	636	<20	1.82	<10
H745120		<10	0.17	160	<1	2.71	7	480	8	0.17	<5	4	207	<20	0.03	<10
H745121		<10	0.25	445	<1	2.95	7	430	6	0.16	<5	5	210	<20	0.02	<10
H745122		<10	0.16	1575	<1	2.72	4	330	18	0.28	<5	6	83	<20	0.03	<10
H745123		50	2.87	895	<1	3.88	14	1850	<2	2.73	<5	16	197	<20	1.69	<10
H745123 CRD		50	2.87	890	<1	3.88	12	1850	4	2.68	<5	16	196	<20	1.70	<10
H745124		10	0.22	611	<1	2.79	3	200	4	0.01	<5	5	186	<20	0.13	<10
H745125		10	0.15	1620	<1	2.40	9	350	22	0.45	<5	5	98	<20	0.03	<10

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THUNDER BAY ON P7B 6V1

Finalized Date: 14-DEC-2009
Account: MGMAM

Project: SD09-241 BL

CERTIFICATE OF ANALYSIS TB09138794

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 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
H745109		10	2	<10	32	0.003	0.0006	<0.001			
H745110		30	2	<10	26	0.003	0.0006	<0.001			
H745111		10	57	<10	31	0.003	0.0238	0.017			
H745112		10	115	<10	293	0.114	>1.00	0.551	0.11	1.28	0.59
H745113		<10	184	<10	89	0.007	0.0588	0.047			
H745114		<10	224	<10	61	0.008	0.0674	0.048			
H745115		<10	186	<10	102	0.016	0.216	0.186			
H745116		<10	196	<10	99	0.036	0.602	0.507			
H745117		<10	210	<10	119	0.037	0.588	0.499			
H745118		<10	81	<10	69	0.066	0.219	0.755			
H745119		<10	265	<10	98	0.004	0.0269	0.025			
H745120		20	3	<10	6	0.002	0.0009	0.001			
H745121		20	2	<10	7	0.002	0.0013	0.001			
H745122		40	2	<10	9	0.003	0.0012	0.001			
H745123		<10	217	<10	130	0.002	0.0005	<0.001			
H745123 CRD		<10	219	<10	130	0.003	0.0008	<0.001			
H745124		10	17	<10	29	0.001	<0.0005	<0.001			
H745125		20	4	<10	15	0.002	0.0005	<0.001			

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

Finalized Date: 13-DEC-2009
Account: MGMAM

CERTIFICATE TB09138795

Project: SD09-242 BL

P.O. No.:

This report is for 8 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-DEC-2009.

The following have access to data associated with this certificate:

JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH	MGMAM DATA SUPPORT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	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-ICP61	33 element four acid ICP-AES	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:
Colin Ramshaw, Vancouver Laboratory Manager

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

Finalized Date: 13-DEC-2009
Account: MGMAM

Project: SD09-242 BL

CERTIFICATE OF ANALYSIS TB09138795

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
H745126		3.45	<0.5	7.88	5	550	2.7	<2	1.76	<0.5	20	122	62	4.95	20	1.82
H745127		4.42	<0.5	7.76	<5	760	1.8	<2	1.48	<0.5	22	126	58	4.98	20	1.58
H745128		3.82	<0.5	8.37	11	650	2.0	<2	3.32	<0.5	39	10	6	8.68	20	1.40
H745129		5.40	<0.5	7.69	10	470	1.8	<2	3.95	<0.5	73	19	21	11.15	20	1.04
H745130		0.11	<0.5	7.16	<5	70	<0.5	<2	5.16	<0.5	81	3730	687	6.62	10	0.17
H745131		5.15	<0.5	7.96	8	910	1.8	<2	3.53	<0.5	48	42	32	9.59	20	1.19
H745132		4.50	<0.5	7.76	<5	1150	1.7	<2	1.99	<0.5	21	114	43	4.01	20	1.63
H745133		4.49	<0.5	7.59	5	720	1.6	<2	1.99	<0.5	21	118	56	4.24	20	1.53

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Finalized Date: 13-DEC-2009
Account: MGMAM

Project: SD09-242 BL

CERTIFICATE OF ANALYSIS TB09138795

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
H745126		30	1.81	842	<1	2.38	64	860	7	0.54	<5	12	332	<20	0.38	<10
H745127		30	2.19	824	<1	2.33	62	830	32	1.05	<5	12	434	<20	0.35	<10
H745128		50	2.99	1050	<1	3.56	16	1960	<2	0.99	<5	16	534	<20	1.74	<10
H745129		40	4.02	1085	<1	2.41	26	1720	<2	3.33	<5	16	511	<20	1.82	<10
H745130		10	10.70	1210	<1	0.83	1440	160	<2	0.34	8	20	200	<20	0.12	<10
H745131		50	2.99	1235	<1	3.19	41	1770	<2	1.08	<5	15	703	<20	1.84	<10
H745132		30	1.55	620	<1	2.35	61	870	12	0.67	<5	13	543	<20	0.37	<10
H745133		30	1.56	655	<1	2.34	69	870	4	0.47	<5	12	389	<20	0.39	<10

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P.O. BOX 10628
THUNDER BAY ON P7B 6V1

Finalized Date: 13-DEC-2009
Account: MGMAM

Project: SD09-242 BL

CERTIFICATE OF ANALYSIS TB09138795

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	PGM-MS23	PGM-MS23	PGM-MS23	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	U	V	W	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	1	10	2	0.001	0.0005	0.001	0.03	0.03	0.03
H745126		<10	110	<10	86	0.002	0.0014	0.001			
H745127		10	110	<10	112	0.002	0.0012	0.001			
H745128		<10	230	<10	132	0.002	0.0005	<0.001			
H745129		<10	272	<10	161	0.002	0.0005	<0.001			
H745130		<10	118	<10	297	0.115	>1.00	0.586	0.11	1.29	0.59
H745131		<10	283	<10	151	0.002	0.0015	0.001			
H745132		<10	112	<10	69	0.002	0.0019	0.001			
H745133		<10	113	<10	80	0.002	0.0016	0.001			

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

Finalized Date: 17-DEC-2009
Account: MGMAM

CERTIFICATE TB09140087

Project: SD09-243 BL

P.O. No.:

This report is for 12 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 8-DEC-2009.

The following have access to data associated with this certificate:

MAM - CONSULTANT WEBTRIE MGMAM DATA SUPPORT	JUSTIN JOHNSON KEITH WATKINS	ALLAN MACTAVISH

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21d	Sample logging - ClientBarCode Dup
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
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
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:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 17-DEC-2009
Account: MGMAM

Project: SD09-243 BL

CERTIFICATE OF ANALYSIS TB09140087

Sample Description	Method	WEI-21	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
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
H745134		3.95	<0.5	8.16	<5	570	2.8	<2	1.83	<0.5	15	84	40	3.42	20	1.78
H745135		0.57	<0.5	8.21	<5	340	1.9	<2	2.03	<0.5	32	8	44	6.98	20	0.77
H745136		3.78	<0.5	8.29	<5	700	1.6	2	2.66	<0.5	20	109	53	4.26	20	1.60
H745137		3.86	<0.5	6.74	<5	170	1.8	2	0.36	<0.5	1	4	2	0.54	30	2.82
H745138		1.61	<0.5	7.91	6	330	2.3	5	1.40	<0.5	20	120	62	5.15	20	1.45
H745139		2.34	<0.5	8.11	7	580	2.0	2	3.73	<0.5	37	10	27	8.39	20	0.99
H745140		0.11	1.0	8.59	<5	70	<0.5	3	6.85	<0.5	102	409	3400	6.45	10	0.38
H745141		4.93	<0.5	7.98	<5	710	2.0	2	3.72	<0.5	45	28	25	10.20	20	0.99
H745142		3.09	<0.5	7.85	<5	950	2.0	2	3.62	<0.5	43	13	13	9.37	20	1.16
H745143		3.09	<0.5	7.04	<5	260	1.6	3	0.50	<0.5	3	5	5	0.79	30	3.21
H745143 CRD		<0.02	<0.5	7.21	<5	270	1.6	3	0.52	<0.5	4	3	4	0.81	30	3.23
H745144		4.31	<0.5	8.45	<5	510	1.5	<2	2.44	<0.5	20	123	48	4.59	30	1.42

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CERTIFICATE OF ANALYSIS TB09140087

Sample Description	Method	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
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
H745134		20	1.04	672	<1	2.74	49	820	17	0.36	<5	10	316	<20	0.29	<10
H745135		40	2.73	617	1	2.94	15	1840	11	2.15	8	16	290	<20	1.74	<10
H745136		30	1.31	782	<1	2.07	65	970	17	0.57	<5	13	457	<20	0.37	<10
H745137		<10	0.09	113	<1	2.64	1	440	14	0.14	<5	3	53	<20	0.04	<10
H745138		20	1.87	672	<1	1.92	63	910	17	1.29	<5	12	294	<20	0.36	<10
H745139		40	3.08	883	1	3.16	16	1980	8	2.28	<5	17	491	<20	1.63	<10
H745140		<10	6.08	800	1	1.14	3000	90	3	1.59	<5	15	88	<20	0.12	<10
H745141		40	2.95	791	<1	3.45	35	1870	<2	1.26	9	16	564	<20	1.90	<10
H745142		40	2.67	932	<1	3.35	22	1880	2	1.35	8	16	576	<20	1.77	<10
H745143		<10	0.10	69	<1	2.46	1	460	15	0.41	<5	4	78	<20	0.09	<10
H745143 CRD		<10	0.11	71	<1	2.50	1	480	15	0.40	<5	4	80	<20	0.10	<10
H745144		30	1.56	739	<1	2.41	66	960	14	0.47	<5	13	438	<20	0.38	<10

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CERTIFICATE OF ANALYSIS TB09140087

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001
H745134		20	79	<10	65	0.001	0.0010	0.001
H745135		20	211	<10	115	0.002	<0.0005	0.001
H745136		10	104	<10	77	0.001	0.0012	0.001
H745137		30	3	<10	10	0.001	<0.0005	<0.001
H745138		10	103	<10	87	0.003	0.0013	0.001
H745139		10	206	<10	138	0.003	0.0005	<0.001
H745140		10	76	<10	71	0.053	0.201	0.769
H745141		10	299	<10	127	0.003	0.0009	0.001
H745142		10	252	<10	129	0.003	0.0389	0.009
H745143		20	7	<10	9	0.001	<0.0005	<0.001
H745143 CRD		20	8	<10	10	0.002	<0.0005	<0.001
H745144		10	107	<10	92	0.002	0.0013	0.001